

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: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-750-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N58
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

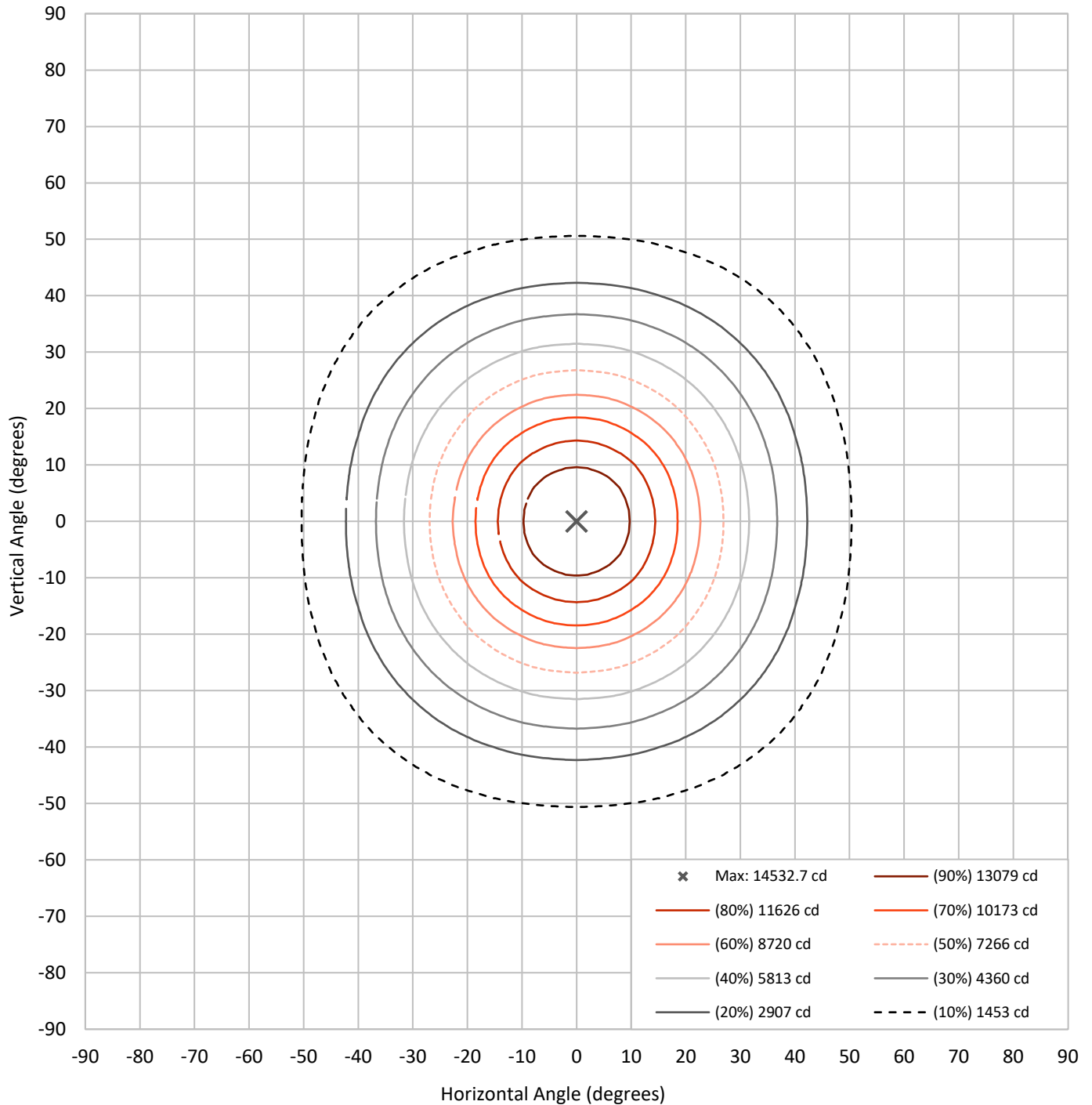
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14790.9 lumens	Max Intensity:	14532.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	7072.1 lumens	Field Lumens:	13053.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.7		
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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Iso-Candela Plot





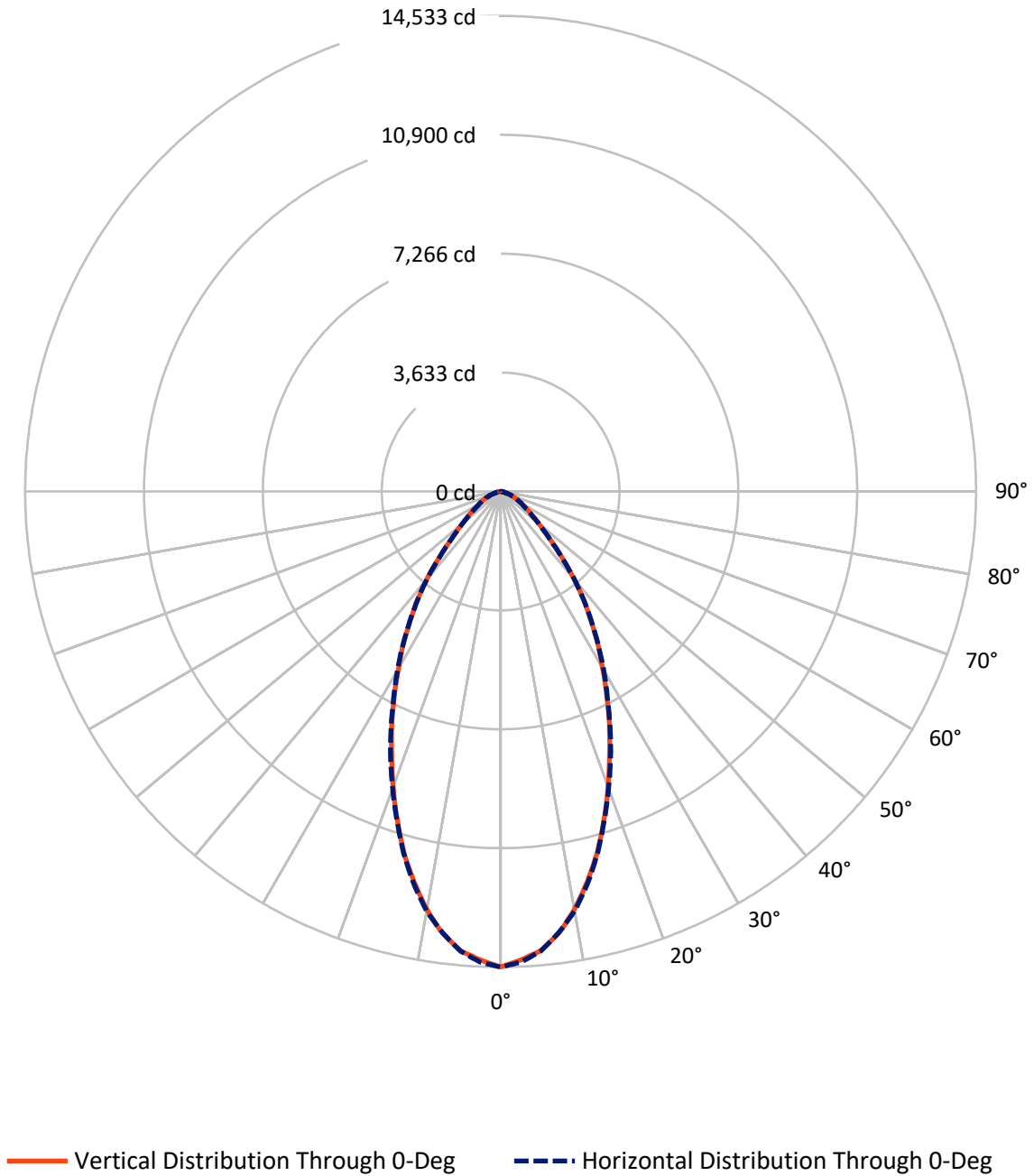
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Lumen Table

90															90				
80	0.6	4.1		9.3		15.5		13.3		15.5		9.3		4.1		0.6			
70															70				
60	1.9	2.2	4.2	6.8	9.9	12.8	15.0	16.1	16.1	15.0	12.8	9.9	6.8	4.2	2.2	1.9			
50		3.2	6.4	11.1	17.0	23.4	29.2	32.6	32.6	29.2	23.4	17.0	11.1	6.4	3.2				
40	2.8	4.1	8.9	16.6	27.9	42.9	59.2	70.0	70.0	59.2	42.9	27.9	16.6	8.9	4.1	2.8			
30		5.0	11.6	24.1	46.9	83.2	120.9	143.5	143.5	120.9	83.2	46.9	24.1	11.6	5.0				
20	3.3	5.8	14.5	33.7	75.8	136.2	194.9	233.0	233.0	194.9	136.2	75.8	33.7	14.5	5.8	3.3			
10		6.4	17.0	43.7	103.4	183.9	271.6	334.1	334.1	271.6	183.9	103.4	43.7	17.0	6.4				
0	3.5	6.8	18.4	50.2	119.1	213.9	325.4	409.3	409.3	325.4	213.9	119.1	50.2	18.4	6.8	3.5			
-10		6.8	18.4	50.2	119.1	213.9	325.4	409.3	409.3	325.4	213.9	119.1	50.2	18.4	6.8				
-20	3.3	6.4	17.0	43.7	103.4	183.9	271.6	334.1	334.1	271.6	183.9	103.4	43.7	17.0	6.4	3.3			
-30		5.8	14.5	33.7	75.8	136.2	194.9	233.0	233.0	194.9	136.2	75.8	33.7	14.5	5.8				
-40	2.8	5.0	11.6	24.1	46.9	83.2	120.9	143.5	143.5	120.9	83.2	46.9	24.1	11.6	5.0	2.8			
-50		4.1	8.9	16.6	27.9	42.9	59.2	70.0	70.0	59.2	42.9	27.9	16.6	8.9	4.1				
-60	1.9	3.2	6.4	11.1	17.0	23.4	29.2	32.6	32.6	29.2	23.4	17.0	11.1	6.4	3.2	1.9			
-70		2.2	4.2	6.8	9.9	12.8	15.0	16.1	16.1	15.0	12.8	9.9	6.8	4.2	2.2				
-80															-80				
-90	0.6	4.1		9.3		15.5		13.3		15.5		9.3		4.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

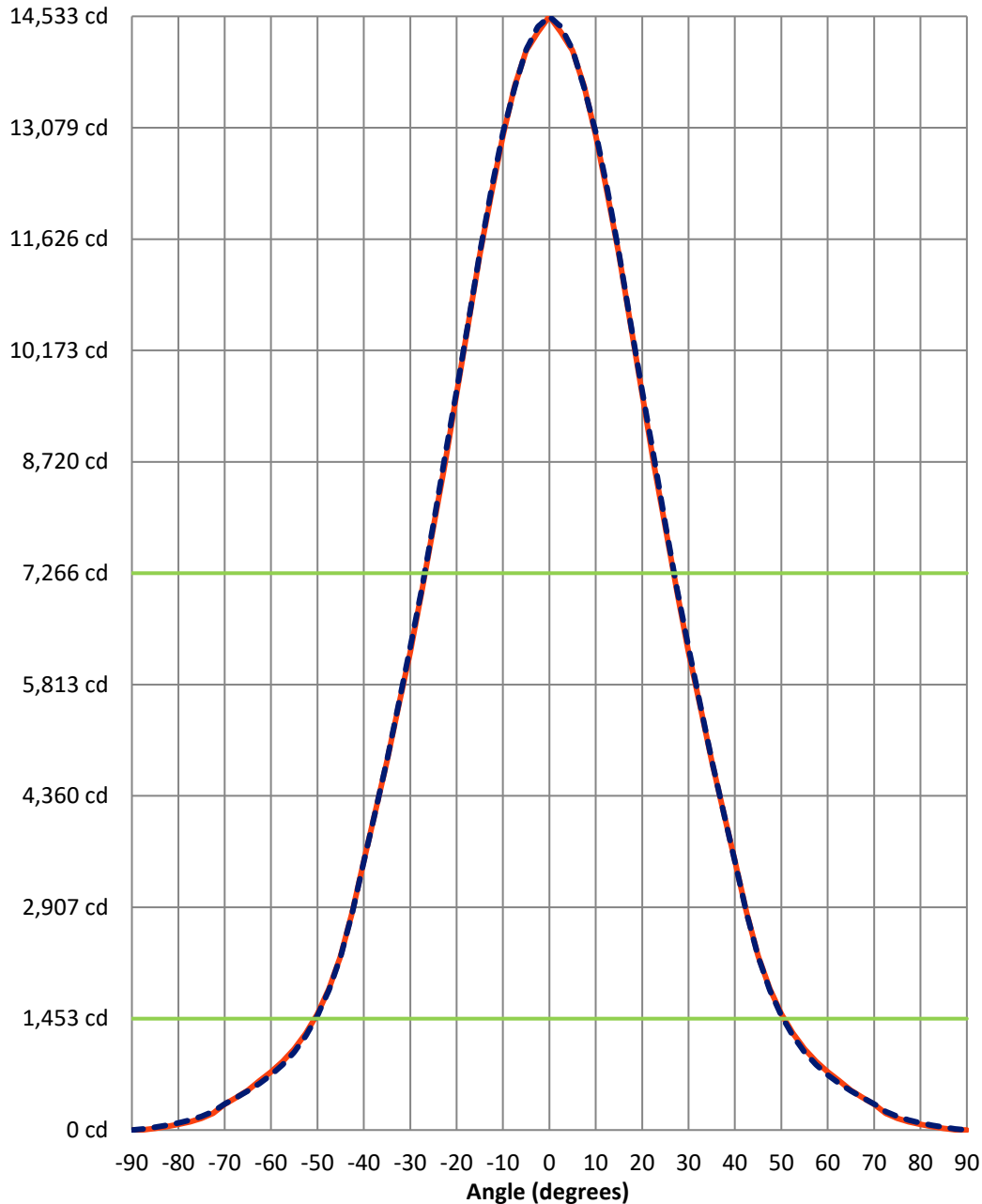
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 7072.1
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 13053.4
 Efficiency: 88.3%

Spill:
 Lumens: 1737.4
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.3	8.8	9.1
85°	0.0	1.5	3.4	5.5	8.0	10.8	13.8	15.3	16.5	17.5	18.3
82.5°	0.0	2.2	5.1	8.3	12.0	16.1	20.6	22.9	25.3	29.3	32.9
80°	0.0	2.9	6.7	11.0	15.9	21.3	28.0	34.8	40.7	46.0	50.7
77.5°	0.0	3.7	8.4	13.7	19.8	27.8	40.0	48.8	56.1	62.7	69.2
75°	0.0	4.4	10.0	16.4	23.9	36.3	51.6	62.7	71.5	80.4	90.0
72.5°	0.0	5.1	11.6	18.9	29.6	44.6	62.9	76.4	87.0	98.3	110.5
70°	0.0	5.7	13.1	21.7	35.2	52.5	73.5	89.3	102.1	116.0	132.2
67.5°	0.0	6.4	14.6	25.0	40.4	60.1	82.8	101.9	117.0	134.2	153.7
65°	0.0	7.1	16.1	28.2	45.5	67.1	91.6	114.2	131.7	151.7	174.0
62.5°	0.0	7.7	17.5	31.3	50.2	73.5	99.9	125.9	145.8	168.6	192.9
60°	0.0	8.3	18.8	34.2	54.6	79.4	107.7	137.0	159.3	184.9	211.2
57.5°	0.0	8.9	20.4	36.8	58.7	85.0	114.8	147.0	172.9	200.6	228.1
55°	0.0	9.5	22.0	39.3	62.5	90.1	121.3	155.0	186.2	215.7	244.3
52.5°	0.0	10.0	23.5	41.6	66.0	94.8	127.2	163.7	199.0	230.1	260.1
50°	0.0	10.5	25.0	43.6	69.2	99.2	132.6	171.9	211.3	244.1	277.4
47.5°	0.0	11.0	26.3	45.5	72.1	103.1	137.6	179.3	223.5	257.7	294.4
45°	0.0	11.5	27.6	47.3	74.6	106.5	143.3	186.0	232.2	272.4	310.8
42.5°	0.0	11.9	28.9	49.0	76.7	109.5	148.3	192.5	240.2	286.6	327.8
40°	0.0	12.3	30.0	50.8	78.7	112.1	152.7	198.8	248.1	299.9	344.3
37.5°	0.0	12.7	31.1	52.6	80.4	114.1	156.5	204.6	256.7	310.3	359.9
35°	0.0	13.0	32.1	54.3	81.9	116.5	159.7	209.7	265.0	321.7	375.9
32.5°	0.0	13.3	33.0	55.8	82.9	118.7	162.5	214.1	272.9	333.4	392.2
30°	0.0	13.6	33.9	57.2	83.7	120.4	165.7	218.5	280.4	345.1	407.7
27.5°	0.0	13.8	34.6	58.4	85.5	121.6	168.3	223.9	288.2	356.9	422.1
25°	0.0	14.0	35.3	59.5	87.2	122.4	170.4	228.8	296.9	368.5	435.6
22.5°	0.0	14.2	35.8	60.4	88.7	123.3	171.8	233.0	305.2	379.1	450.3
20°	0.0	14.4	36.3	61.2	90.0	125.6	172.6	236.6	313.0	388.7	463.5
17.5°	0.0	14.5	36.7	61.8	91.1	127.4	174.5	239.5	320.2	397.1	475.1
15°	0.0	14.5	37.0	62.2	92.0	128.9	176.9	242.3	326.7	404.3	485.1
12.5°	0.0	14.6	37.2	62.5	92.6	129.9	178.6	244.8	332.2	410.4	493.4
10°	0.0	14.6	37.4	62.6	93.1	130.6	179.6	246.1	336.4	415.4	500.1
7.5°	0.0	14.6	37.4	62.6	93.2	130.8	180.0	246.4	339.4	419.3	505.4
5°	0.0	14.6	37.4	62.4	93.2	130.7	179.8	245.7	341.1	422.0	508.9
2.5°	0.0	14.5	37.2	62.1	92.9	130.3	179.1	244.0	341.3	423.3	510.6
0°	0.0	14.4	37.0	61.6	92.4	129.4	177.7	241.4	340.0	423.2	510.5
-2.5°	0.0	14.5	37.2	62.1	92.9	130.3	179.1	244.0	341.3	423.3	510.6
-5°	0.0	14.6	37.4	62.4	93.2	130.7	179.8	245.7	341.1	422.0	508.9
-7.5°	0.0	14.6	37.4	62.6	93.2	130.8	180.0	246.4	339.4	419.3	505.4
-10°	0.0	14.6	37.4	62.6	93.1	130.6	179.6	246.1	336.4	415.4	500.1
-12.5°	0.0	14.6	37.2	62.5	92.6	129.9	178.6	244.8	332.2	410.4	493.4
-15°	0.0	14.5	37.0	62.2	92.0	128.9	176.9	242.3	326.7	404.3	485.1
-17.5°	0.0	14.5	36.7	61.8	91.1	127.4	174.5	239.5	320.2	397.1	475.1
-20°	0.0	14.4	36.3	61.2	90.0	125.6	172.6	236.6	313.0	388.7	463.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.2	35.8	60.4	88.7	123.3	171.8	233.0	305.2	379.1	450.3
-25°	0.0	14.0	35.3	59.5	87.2	122.4	170.4	228.8	296.9	368.5	435.6
-27.5°	0.0	13.8	34.6	58.4	85.5	121.6	168.3	223.9	288.2	356.9	422.1
-30°	0.0	13.6	33.9	57.2	83.7	120.4	165.7	218.5	280.4	345.1	407.7
-32.5°	0.0	13.3	33.0	55.8	82.9	118.7	162.5	214.1	272.9	333.4	392.2
-35°	0.0	13.0	32.1	54.3	81.9	116.5	159.7	209.7	265.0	321.7	375.9
-37.5°	0.0	12.7	31.1	52.6	80.4	114.1	156.5	204.6	256.7	310.3	359.9
-40°	0.0	12.3	30.0	50.8	78.7	112.1	152.7	198.8	248.1	299.9	344.3
-42.5°	0.0	11.9	28.9	49.0	76.7	109.5	148.3	192.5	240.2	286.6	327.8
-45°	0.0	11.5	27.6	47.3	74.6	106.5	143.3	186.0	232.2	272.4	310.8
-47.5°	0.0	11.0	26.3	45.5	72.1	103.1	137.6	179.3	223.5	257.7	294.4
-50°	0.0	10.5	25.0	43.6	69.2	99.2	132.6	171.9	211.3	244.1	277.4
-52.5°	0.0	10.0	23.5	41.6	66.0	94.8	127.2	163.7	199.0	230.1	260.1
-55°	0.0	9.5	22.0	39.3	62.5	90.1	121.3	155.0	186.2	215.7	244.3
-57.5°	0.0	8.9	20.4	36.8	58.7	85.0	114.8	147.0	172.9	200.6	228.1
-60°	0.0	8.3	18.8	34.2	54.6	79.4	107.7	137.0	159.3	184.9	211.2
-62.5°	0.0	7.7	17.5	31.3	50.2	73.5	99.9	125.9	145.8	168.6	192.9
-65°	0.0	7.1	16.1	28.2	45.5	67.1	91.6	114.2	131.7	151.7	174.0
-67.5°	0.0	6.4	14.6	25.0	40.4	60.1	82.8	101.9	117.0	134.2	153.7
-70°	0.0	5.7	13.1	21.7	35.2	52.5	73.5	89.3	102.1	116.0	132.2
-72.5°	0.0	5.1	11.6	18.9	29.6	44.6	62.9	76.4	87.0	98.3	110.5
-75°	0.0	4.4	10.0	16.4	23.9	36.3	51.6	62.7	71.5	80.4	90.0
-77.5°	0.0	3.7	8.4	13.7	19.8	27.8	40.0	48.8	56.1	62.7	69.2
-80°	0.0	2.9	6.7	11.0	15.9	21.3	28.0	34.8	40.7	46.0	50.7
-82.5°	0.0	2.2	5.1	8.3	12.0	16.1	20.6	22.9	25.3	29.3	32.9
-85°	0.0	1.5	3.4	5.5	8.0	10.8	13.8	15.3	16.5	17.5	18.3
-87.5°	0.0	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.3	8.8	9.1
-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°	9.3	9.3	9.1	8.8	8.4	7.9	7.3	6.5	6.8	7.0	7.3
85°	18.5	18.5	20.1	21.5	22.1	22.2	21.8	20.8	23.5	26.6	29.9
82.5°	36.2	39.3	42.3	45.0	45.3	44.6	43.3	41.6	47.1	53.8	60.7
80°	55.4	60.1	65.4	70.4	71.5	71.0	69.5	67.0	74.2	84.5	95.5
77.5°	76.9	84.3	91.1	97.4	99.2	98.9	97.8	95.8	105.0	119.2	133.9
75°	99.6	108.5	117.3	125.0	128.3	128.6	128.2	130.4	142.6	159.2	173.8
72.5°	123.2	134.5	144.5	153.0	158.3	162.4	167.8	174.4	186.6	202.9	217.3
70°	148.2	160.8	171.3	180.7	188.9	197.7	209.1	220.4	233.3	249.5	264.5
67.5°	172.9	185.6	197.4	209.1	223.9	238.1	252.2	267.0	283.2	300.3	315.5
65°	195.7	210.1	224.6	241.4	260.7	276.8	294.3	313.4	334.8	354.0	371.6
62.5°	217.7	233.9	251.8	272.1	293.0	313.2	336.6	361.3	386.2	410.3	434.2
60°	236.2	256.4	278.1	301.1	325.2	352.7	380.1	409.4	439.2	468.2	497.9
57.5°	254.0	279.0	303.9	330.8	360.8	392.3	425.2	458.2	493.7	528.9	562.6
55°	272.5	301.9	330.3	362.1	396.6	433.5	470.7	510.7	550.0	594.2	635.1
52.5°	292.2	324.2	357.7	394.1	434.3	475.9	519.5	565.4	614.3	663.5	713.4
50°	311.4	347.6	384.8	428.3	473.3	520.8	571.2	624.6	681.6	738.5	798.9
47.5°	331.6	370.2	415.6	462.8	514.4	568.5	625.5	689.1	752.3	824.1	893.4
45°	351.5	395.8	445.1	500.0	556.6	617.5	685.4	755.1	835.9	916.9	1008.0
42.5°	370.5	421.7	477.3	536.0	600.4	670.4	745.5	833.2	924.3	1024.6	1131.5
40°	392.4	446.4	509.0	574.6	644.4	724.4	814.8	912.2	1023.3	1142.2	1263.6
37.5°	413.7	474.3	540.3	611.5	692.5	782.7	882.4	1001.8	1130.0	1265.2	1430.3
35°	433.6	500.8	572.6	650.6	738.3	842.8	962.1	1094.0	1241.8	1416.0	1608.7
32.5°	454.8	526.0	603.1	690.6	789.9	904.0	1039.5	1194.8	1369.6	1568.0	1809.2
30°	476.1	551.8	633.3	728.0	838.5	970.5	1124.5	1296.1	1497.3	1746.1	2029.1
27.5°	495.8	576.0	665.3	767.6	885.8	1031.8	1206.1	1407.4	1644.3	1925.6	2256.1
25°	513.9	598.0	694.6	805.4	937.9	1098.1	1287.1	1509.9	1791.5	2126.8	2533.5
22.5°	531.2	618.1	721.2	839.4	984.8	1162.2	1374.9	1629.9	1941.2	2317.5	2805.3
20°	547.4	639.8	747.5	871.9	1026.7	1220.1	1455.6	1741.9	2096.1	2541.6	3071.7
17.5°	561.6	658.9	772.5	907.0	1073.5	1278.9	1531.8	1840.8	2234.0	2741.8	3317.6
15°	573.9	675.4	794.1	937.4	1115.6	1337.4	1611.8	1949.2	2377.9	2923.8	3533.5
12.5°	584.1	689.2	812.2	963.0	1151.0	1386.8	1680.0	2045.9	2518.0	3095.2	3723.0
10°	592.2	700.3	826.8	983.7	1179.5	1427.0	1736.3	2124.9	2634.6	3242.2	3883.3
7.5°	599.0	708.9	838.0	999.3	1201.1	1457.7	1780.1	2185.9	2725.8	3358.6	4006.3
5°	603.8	715.1	846.5	1010.3	1217.0	1479.0	1810.7	2228.6	2790.6	3442.9	4090.5
2.5°	606.5	718.5	851.3	1016.1	1226.7	1491.1	1826.8	2255.4	2826.3	3491.0	4141.3
0°	607.0	719.0	852.5	1016.8	1229.5	1493.4	1829.3	2263.8	2833.8	3503.5	4159.8
-2.5°	606.5	718.5	851.3	1016.1	1226.7	1491.1	1826.8	2255.4	2826.3	3491.0	4141.3
-5°	603.8	715.1	846.5	1010.3	1217.0	1479.0	1810.7	2228.6	2790.6	3442.9	4090.5
-7.5°	599.0	708.9	838.0	999.3	1201.1	1457.7	1780.1	2185.9	2725.8	3358.6	4006.3
-10°	592.2	700.3	826.8	983.7	1179.5	1427.0	1736.3	2124.9	2634.6	3242.2	3883.3
-12.5°	584.1	689.2	812.2	963.0	1151.0	1386.8	1680.0	2045.9	2518.0	3095.2	3723.0
-15°	573.9	675.4	794.1	937.4	1115.6	1337.4	1611.8	1949.2	2377.9	2923.8	3533.5
-17.5°	561.6	658.9	772.5	907.0	1073.5	1278.9	1531.8	1840.8	2234.0	2741.8	3317.6
-20°	547.4	639.8	747.5	871.9	1026.7	1220.1	1455.6	1741.9	2096.1	2541.6	3071.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	531.2	618.1	721.2	839.4	984.8	1162.2	1374.9	1629.9	1941.2	2317.5	2805.3
-25°	513.9	598.0	694.6	805.4	937.9	1098.1	1287.1	1509.9	1791.5	2126.8	2533.5
-27.5°	495.8	576.0	665.3	767.6	885.8	1031.8	1206.1	1407.4	1644.3	1925.6	2256.1
-30°	476.1	551.8	633.3	728.0	838.5	970.5	1124.5	1296.1	1497.3	1746.1	2029.1
-32.5°	454.8	526.0	603.1	690.6	789.9	904.0	1039.5	1194.8	1369.6	1568.0	1809.2
-35°	433.6	500.8	572.6	650.6	738.3	842.8	962.1	1094.0	1241.8	1416.0	1608.7
-37.5°	413.7	474.3	540.3	611.5	692.5	782.7	882.4	1001.8	1130.0	1265.2	1430.3
-40°	392.4	446.4	509.0	574.6	644.4	724.4	814.8	912.2	1023.3	1142.2	1263.6
-42.5°	370.5	421.7	477.3	536.0	600.4	670.4	745.5	833.2	924.3	1024.6	1131.5
-45°	351.5	395.8	445.1	500.0	556.6	617.5	685.4	755.1	835.9	916.9	1008.0
-47.5°	331.6	370.2	415.6	462.8	514.4	568.5	625.5	689.1	752.3	824.1	893.4
-50°	311.4	347.6	384.8	428.3	473.3	520.8	571.2	624.6	681.6	738.5	798.9
-52.5°	292.2	324.2	357.7	394.1	434.3	475.9	519.5	565.4	614.3	663.5	713.4
-55°	272.5	301.9	330.3	362.1	396.6	433.5	470.7	510.7	550.0	594.2	635.1
-57.5°	254.0	279.0	303.9	330.8	360.8	392.3	425.2	458.2	493.7	528.9	562.6
-60°	236.2	256.4	278.1	301.1	325.2	352.7	380.1	409.4	439.2	468.2	497.9
-62.5°	217.7	233.9	251.8	272.1	293.0	313.2	336.6	361.3	386.2	410.3	434.2
-65°	195.7	210.1	224.6	241.4	260.7	276.8	294.3	313.4	334.8	354.0	371.6
-67.5°	172.9	185.6	197.4	209.1	223.9	238.1	252.2	267.0	283.2	300.3	315.5
-70°	148.2	160.8	171.3	180.7	188.9	197.7	209.1	220.4	233.3	249.5	264.5
-72.5°	123.2	134.5	144.5	153.0	158.3	162.4	167.8	174.4	186.6	202.9	217.3
-75°	99.6	108.5	117.3	125.0	128.3	128.6	128.2	130.4	142.6	159.2	173.8
-77.5°	76.9	84.3	91.1	97.4	99.2	98.9	97.8	95.8	105.0	119.2	133.9
-80°	55.4	60.1	65.4	70.4	71.5	71.0	69.5	67.0	74.2	84.5	95.5
-82.5°	36.2	39.3	42.3	45.0	45.3	44.6	43.3	41.6	47.1	53.8	60.7
-85°	18.5	18.5	20.1	21.5	22.1	22.2	21.8	20.8	23.5	26.6	29.9
-87.5°	9.3	9.3	9.1	8.8	8.4	7.9	7.3	6.5	6.8	7.0	7.3
-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: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.3	7.1	6.8	6.5	6.4	6.3	6.2	6.0	5.5	5.1
85°	33.4	34.1	34.5	34.8	34.8	35.9	36.9	37.9	38.7	35.1	31.1
82.5°	67.9	71.1	73.9	76.7	79.4	81.3	82.8	83.8	84.5	76.5	67.5
80°	106.9	113.6	119.2	124.5	129.5	130.8	130.8	130.1	128.7	117.8	105.3
77.5°	148.7	157.5	164.4	171.3	178.1	180.6	181.8	182.8	183.4	169.8	153.1
75°	186.6	197.0	206.8	215.8	224.2	228.6	231.2	233.3	235.0	221.4	203.5
72.5°	229.8	240.9	251.4	261.4	270.3	276.1	280.0	283.1	285.6	277.8	266.7
70°	277.3	288.8	299.9	310.3	320.3	328.2	334.4	339.7	344.1	345.0	344.6
67.5°	330.1	343.6	356.9	368.2	380.0	391.2	400.9	409.1	415.6	419.9	422.3
65°	389.3	409.6	427.7	443.0	455.9	470.7	483.8	493.8	500.8	506.2	510.8
62.5°	459.1	483.7	504.4	524.8	545.9	566.4	579.2	592.1	604.7	616.5	626.6
60°	526.2	553.3	581.3	607.4	631.5	653.7	676.7	697.1	715.0	729.9	741.0
57.5°	597.8	630.7	662.5	695.7	726.9	756.0	784.4	810.6	833.3	852.3	867.9
55°	675.5	715.7	753.5	795.6	836.4	873.6	907.9	943.0	974.6	1002.4	1024.5
52.5°	759.2	811.5	861.6	911.0	963.9	1011.6	1054.3	1103.0	1146.1	1181.8	1209.6
50°	859.2	920.7	986.9	1048.1	1114.8	1180.4	1241.0	1299.6	1357.0	1406.6	1446.7
47.5°	973.1	1048.7	1130.7	1211.9	1294.7	1384.4	1464.5	1538.9	1619.1	1688.7	1744.6
45°	1099.7	1196.1	1295.2	1409.2	1514.3	1629.6	1736.4	1832.3	1946.0	2046.1	2126.8
42.5°	1240.1	1368.6	1498.7	1642.4	1781.9	1928.3	2083.8	2221.8	2372.6	2516.4	2632.6
40°	1414.2	1567.7	1742.0	1916.0	2116.1	2304.2	2530.7	2736.6	2923.6	3095.0	3235.6
37.5°	1607.6	1805.2	2024.2	2250.8	2524.7	2793.2	3058.4	3308.7	3529.8	3717.4	3874.9
35°	1827.1	2078.2	2343.6	2674.4	2995.3	3316.8	3616.3	3889.9	4130.4	4342.1	4522.2
32.5°	2079.7	2381.1	2752.5	3124.1	3490.2	3844.2	4173.0	4471.5	4735.1	4972.9	5179.9
30°	2345.2	2756.5	3173.4	3581.0	3980.8	4368.6	4729.5	5058.2	5356.1	5620.8	5859.3
27.5°	2682.6	3138.4	3593.0	4032.5	4472.3	4896.6	5287.7	5652.9	5994.8	6294.0	6566.6
25°	3009.0	3512.5	3995.8	4474.9	4953.6	5409.2	5846.6	6259.1	6650.6	6993.9	7298.4
22.5°	3335.3	3862.3	4378.7	4893.9	5408.2	5916.1	6407.2	6879.8	7317.6	7708.6	8051.2
20°	3637.5	4188.4	4740.7	5296.1	5853.5	6409.5	6961.1	7492.9	7980.7	8432.0	8828.6
17.5°	3908.5	4494.4	5079.9	5674.0	6278.3	6881.9	7494.6	8090.8	8648.4	9161.9	9622.0
15°	4148.4	4759.8	5388.6	6029.7	6678.6	7334.2	8002.8	8669.7	9297.5	9880.8	10394.4
12.5°	4358.2	4993.8	5652.9	6334.1	7038.4	7752.5	8482.2	9213.3	9908.2	10581.6	11136.2
10°	4531.3	5192.8	5881.7	6597.5	7340.2	8108.8	8891.6	9678.6	10444.3	11158.6	11792.9
7.5°	4665.0	5351.3	6061.2	6805.6	7584.8	8395.4	9224.6	10059.8	10876.9	11646.6	12348.4
5°	4759.3	5466.6	6185.5	6959.8	7766.1	8606.0	9467.9	10338.3	11192.4	12001.7	12729.0
2.5°	4814.0	5535.9	6257.8	7053.5	7873.9	8733.5	9618.7	10503.4	11380.1	12219.5	12966.9
0°	4828.5	5556.7	6299.3	7063.5	7907.8	8793.2	9646.7	10534.1	11445.2	12273.0	13017.7
-2.5°	4814.0	5535.9	6257.8	7053.5	7873.9	8733.5	9618.7	10503.4	11380.1	12219.5	12966.9
-5°	4759.3	5466.6	6185.5	6959.8	7766.1	8606.0	9467.9	10338.3	11192.4	12001.7	12729.0
-7.5°	4665.0	5351.3	6061.2	6805.6	7584.8	8395.4	9224.6	10059.8	10876.9	11646.6	12348.4
-10°	4531.3	5192.8	5881.7	6597.5	7340.2	8108.8	8891.6	9678.6	10444.3	11158.6	11792.9
-12.5°	4358.2	4993.8	5652.9	6334.1	7038.4	7752.5	8482.2	9213.3	9908.2	10581.6	11136.2
-15°	4148.4	4759.8	5388.6	6029.7	6678.6	7334.2	8002.8	8669.7	9297.5	9880.8	10394.4
-17.5°	3908.5	4494.4	5079.9	5674.0	6278.3	6881.9	7494.6	8090.8	8648.4	9161.9	9622.0
-20°	3637.5	4188.4	4740.7	5296.1	5853.5	6409.5	6961.1	7492.9	7980.7	8432.0	8828.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3335.3	3862.3	4378.7	4893.9	5408.2	5916.1	6407.2	6879.8	7317.6	7708.6	8051.2
-25°	3009.0	3512.5	3995.8	4474.9	4953.6	5409.2	5846.6	6259.1	6650.6	6993.9	7298.4
-27.5°	2682.6	3138.4	3593.0	4032.5	4472.3	4896.6	5287.7	5652.9	5994.8	6294.0	6566.6
-30°	2345.2	2756.5	3173.4	3581.0	3980.8	4368.6	4729.5	5058.2	5356.1	5620.8	5859.3
-32.5°	2079.7	2381.1	2752.5	3124.1	3490.2	3844.2	4173.0	4471.5	4735.1	4972.9	5179.9
-35°	1827.1	2078.2	2343.6	2674.4	2995.3	3316.8	3616.3	3889.9	4130.4	4342.1	4522.2
-37.5°	1607.6	1805.2	2024.2	2250.8	2524.7	2793.2	3058.4	3308.7	3529.8	3717.4	3874.9
-40°	1414.2	1567.7	1742.0	1916.0	2116.1	2304.2	2530.7	2736.6	2923.6	3095.0	3235.6
-42.5°	1240.1	1368.6	1498.7	1642.4	1781.9	1928.3	2083.8	2221.8	2372.6	2516.4	2632.6
-45°	1099.7	1196.1	1295.2	1409.2	1514.3	1629.6	1736.4	1832.3	1946.0	2046.1	2126.8
-47.5°	973.1	1048.7	1130.7	1211.9	1294.7	1384.4	1464.5	1538.9	1619.1	1688.7	1744.6
-50°	859.2	920.7	986.9	1048.1	1114.8	1180.4	1241.0	1299.6	1357.0	1406.6	1446.7
-52.5°	759.2	811.5	861.6	911.0	963.9	1011.6	1054.3	1103.0	1146.1	1181.8	1209.6
-55°	675.5	715.7	753.5	795.6	836.4	873.6	907.9	943.0	974.6	1002.4	1024.5
-57.5°	597.8	630.7	662.5	695.7	726.9	756.0	784.4	810.6	833.3	852.3	867.9
-60°	526.2	553.3	581.3	607.4	631.5	653.7	676.7	697.1	715.0	729.9	741.0
-62.5°	459.1	483.7	504.4	524.8	545.9	566.4	579.2	592.1	604.7	616.5	626.6
-65°	389.3	409.6	427.7	443.0	455.9	470.7	483.8	493.8	500.8	506.2	510.8
-67.5°	330.1	343.6	356.9	368.2	380.0	391.2	400.9	409.1	415.6	419.9	422.3
-70°	277.3	288.8	299.9	310.3	320.3	328.2	334.4	339.7	344.1	345.0	344.6
-72.5°	229.8	240.9	251.4	261.4	270.3	276.1	280.0	283.1	285.6	277.8	266.7
-75°	186.6	197.0	206.8	215.8	224.2	228.6	231.2	233.3	235.0	221.4	203.5
-77.5°	148.7	157.5	164.4	171.3	178.1	180.6	181.8	182.8	183.4	169.8	153.1
-80°	106.9	113.6	119.2	124.5	129.5	130.8	130.8	130.1	128.7	117.8	105.3
-82.5°	67.9	71.1	73.9	76.7	79.4	81.3	82.8	83.8	84.5	76.5	67.5
-85°	33.4	34.1	34.5	34.8	34.8	35.9	36.9	37.9	38.7	35.1	31.1
-87.5°	7.5	7.3	7.1	6.8	6.5	6.4	6.3	6.2	6.0	5.5	5.1
-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: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.1	3.6	3.1	3.6	4.1	4.6	5.1	5.5	6.0	6.2
85°	26.9	22.5	22.1	21.6	22.1	22.5	26.9	31.1	35.1	38.7	37.9
82.5°	58.0	48.2	46.7	45.2	46.7	48.2	58.0	67.5	76.5	84.5	83.8
80°	92.4	79.1	76.5	74.0	76.5	79.1	92.4	105.3	117.8	128.7	130.1
77.5°	135.6	117.3	111.9	106.8	111.9	117.3	135.6	153.1	169.8	183.4	182.8
75°	184.9	165.7	159.1	153.0	159.1	165.7	184.9	203.5	221.4	235.0	233.3
72.5°	255.4	243.6	231.8	218.8	231.8	243.6	255.4	266.7	277.8	285.6	283.1
70°	344.2	343.4	340.5	335.9	340.5	343.4	344.2	344.6	345.0	344.1	339.7
67.5°	423.3	422.9	424.0	424.2	424.0	422.9	423.3	422.3	419.9	415.6	409.1
65°	513.6	514.6	516.8	517.7	516.8	514.6	513.6	510.8	506.2	500.8	493.8
62.5°	634.4	639.6	642.2	641.9	642.2	639.6	634.4	626.6	616.5	604.7	592.1
60°	749.3	754.8	758.2	759.0	758.2	754.8	749.3	741.0	729.9	715.0	697.1
57.5°	880.3	889.2	894.0	894.6	894.0	889.2	880.3	867.9	852.3	833.3	810.6
55°	1041.4	1053.3	1058.6	1057.9	1058.6	1053.3	1041.4	1024.5	1002.4	974.6	943.0
52.5°	1230.6	1245.0	1255.8	1262.3	1255.8	1245.0	1230.6	1209.6	1181.8	1146.1	1103.0
50°	1476.9	1497.5	1510.7	1516.0	1510.7	1497.5	1476.9	1446.7	1406.6	1357.0	1299.6
47.5°	1785.0	1812.4	1832.7	1846.8	1832.7	1812.4	1785.0	1744.6	1688.7	1619.1	1538.9
45°	2186.4	2228.1	2256.4	2273.0	2256.4	2228.1	2186.4	2126.8	2046.1	1946.0	1832.3
42.5°	2723.4	2788.1	2827.8	2843.1	2827.8	2788.1	2723.4	2632.6	2516.4	2372.6	2221.8
40°	3346.6	3424.4	3475.4	3510.7	3475.4	3424.4	3346.6	3235.6	3095.0	2923.6	2736.6
37.5°	3995.7	4077.4	4127.1	4160.9	4127.1	4077.4	3995.7	3874.9	3717.4	3529.8	3308.7
35°	4657.9	4743.4	4790.1	4816.2	4790.1	4743.4	4657.9	4522.2	4342.1	4130.4	3889.9
32.5°	5337.7	5432.0	5482.7	5535.1	5482.7	5432.0	5337.7	5179.9	4972.9	4735.1	4471.5
30°	6047.8	6156.0	6209.1	6234.6	6209.1	6156.0	6047.8	5859.3	5620.8	5356.1	5058.2
27.5°	6786.7	6921.5	6987.9	7031.6	6987.9	6921.5	6786.7	6566.6	6294.0	5994.8	5652.9
25°	7555.5	7722.5	7798.6	7866.7	7798.6	7722.5	7555.5	7298.4	6993.9	6650.6	6259.1
22.5°	8353.1	8561.1	8649.2	8697.6	8649.2	8561.1	8353.1	8051.2	7708.6	7317.6	6879.8
20°	9171.6	9420.2	9542.6	9605.6	9542.6	9420.2	9171.6	8828.6	8432.0	7980.7	7492.9
17.5°	10008.5	10317.8	10476.1	10512.5	10476.1	10317.8	10008.5	9622.0	9161.9	8648.4	8090.8
15°	10830.2	11164.7	11351.9	11420.5	11351.9	11164.7	10830.2	10394.4	9880.8	9297.5	8669.7
12.5°	11608.2	11955.0	12178.8	12218.6	12178.8	11955.0	11608.2	11136.2	10581.6	9908.2	9213.3
10°	12313.9	12673.1	12920.3	12976.6	12920.3	12673.1	12313.9	11792.9	11158.6	10444.3	9678.6
7.5°	12903.9	13298.0	13571.0	13618.5	13571.0	13298.0	12903.9	12348.4	11646.6	10876.9	10059.8
5°	13335.6	13803.4	14027.6	14083.8	14027.6	13803.4	13335.6	12729.0	12001.7	11192.4	10338.3
2.5°	13572.4	14048.7	14360.2	14324.2	14360.2	14048.7	13572.4	12966.9	12219.5	11380.1	10503.4
0°	13599.0	14097.2	14395.0	14532.7	14395.0	14097.2	13599.0	13017.7	12273.0	11445.2	10534.1
-2.5°	13572.4	14048.7	14360.2	14324.2	14360.2	14048.7	13572.4	12966.9	12219.5	11380.1	10503.4
-5°	13335.6	13803.4	14027.6	14083.8	14027.6	13803.4	13335.6	12729.0	12001.7	11192.4	10338.3
-7.5°	12903.9	13298.0	13571.0	13618.5	13571.0	13298.0	12903.9	12348.4	11646.6	10876.9	10059.8
-10°	12313.9	12673.1	12920.3	12976.6	12920.3	12673.1	12313.9	11792.9	11158.6	10444.3	9678.6
-12.5°	11608.2	11955.0	12178.8	12218.6	12178.8	11955.0	11608.2	11136.2	10581.6	9908.2	9213.3
-15°	10830.2	11164.7	11351.9	11420.5	11351.9	11164.7	10830.2	10394.4	9880.8	9297.5	8669.7
-17.5°	10008.5	10317.8	10476.1	10512.5	10476.1	10317.8	10008.5	9622.0	9161.9	8648.4	8090.8
-20°	9171.6	9420.2	9542.6	9605.6	9542.6	9420.2	9171.6	8828.6	8432.0	7980.7	7492.9



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8353.1	8561.1	8649.2	8697.6	8649.2	8561.1	8353.1	8051.2	7708.6	7317.6	6879.8
-25°	7555.5	7722.5	7798.6	7866.7	7798.6	7722.5	7555.5	7298.4	6993.9	6650.6	6259.1
-27.5°	6786.7	6921.5	6987.9	7031.6	6987.9	6921.5	6786.7	6566.6	6294.0	5994.8	5652.9
-30°	6047.8	6156.0	6209.1	6234.6	6209.1	6156.0	6047.8	5859.3	5620.8	5356.1	5058.2
-32.5°	5337.7	5432.0	5482.7	5535.1	5482.7	5432.0	5337.7	5179.9	4972.9	4735.1	4471.5
-35°	4657.9	4743.4	4790.1	4816.2	4790.1	4743.4	4657.9	4522.2	4342.1	4130.4	3889.9
-37.5°	3995.7	4077.4	4127.1	4160.9	4127.1	4077.4	3995.7	3874.9	3717.4	3529.8	3308.7
-40°	3346.6	3424.4	3475.4	3510.7	3475.4	3424.4	3346.6	3235.6	3095.0	2923.6	2736.6
-42.5°	2723.4	2788.1	2827.8	2843.1	2827.8	2788.1	2723.4	2632.6	2516.4	2372.6	2221.8
-45°	2186.4	2228.1	2256.4	2273.0	2256.4	2228.1	2186.4	2126.8	2046.1	1946.0	1832.3
-47.5°	1785.0	1812.4	1832.7	1846.8	1832.7	1812.4	1785.0	1744.6	1688.7	1619.1	1538.9
-50°	1476.9	1497.5	1510.7	1516.0	1510.7	1497.5	1476.9	1446.7	1406.6	1357.0	1299.6
-52.5°	1230.6	1245.0	1255.8	1262.3	1255.8	1245.0	1230.6	1209.6	1181.8	1146.1	1103.0
-55°	1041.4	1053.3	1058.6	1057.9	1058.6	1053.3	1041.4	1024.5	1002.4	974.6	943.0
-57.5°	880.3	889.2	894.0	894.6	894.0	889.2	880.3	867.9	852.3	833.3	810.6
-60°	749.3	754.8	758.2	759.0	758.2	754.8	749.3	741.0	729.9	715.0	697.1
-62.5°	634.4	639.6	642.2	641.9	642.2	639.6	634.4	626.6	616.5	604.7	592.1
-65°	513.6	514.6	516.8	517.7	516.8	514.6	513.6	510.8	506.2	500.8	493.8
-67.5°	423.3	422.9	424.0	424.2	424.0	422.9	423.3	422.3	419.9	415.6	409.1
-70°	344.2	343.4	340.5	335.9	340.5	343.4	344.2	344.6	345.0	344.1	339.7
-72.5°	255.4	243.6	231.8	218.8	231.8	243.6	255.4	266.7	277.8	285.6	283.1
-75°	184.9	165.7	159.1	153.0	159.1	165.7	184.9	203.5	221.4	235.0	233.3
-77.5°	135.6	117.3	111.9	106.8	111.9	117.3	135.6	153.1	169.8	183.4	182.8
-80°	92.4	79.1	76.5	74.0	76.5	79.1	92.4	105.3	117.8	128.7	130.1
-82.5°	58.0	48.2	46.7	45.2	46.7	48.2	58.0	67.5	76.5	84.5	83.8
-85°	26.9	22.5	22.1	21.6	22.1	22.5	26.9	31.1	35.1	38.7	37.9
-87.5°	4.6	4.1	3.6	3.1	3.6	4.1	4.6	5.1	5.5	6.0	6.2
-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: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.4	6.5	6.8	7.1	7.3	7.5	7.3	7.0	6.8	6.5
85°	36.9	35.9	34.8	34.8	34.5	34.1	33.4	29.9	26.6	23.5	20.8
82.5°	82.8	81.3	79.4	76.7	73.9	71.1	67.9	60.7	53.8	47.1	41.6
80°	130.8	130.8	129.5	124.5	119.2	113.6	106.9	95.5	84.5	74.2	67.0
77.5°	181.8	180.6	178.1	171.3	164.4	157.5	148.7	133.9	119.2	105.0	95.8
75°	231.2	228.6	224.2	215.8	206.8	197.0	186.6	173.8	159.2	142.6	130.4
72.5°	280.0	276.1	270.3	261.4	251.4	240.9	229.8	217.3	202.9	186.6	174.4
70°	334.4	328.2	320.3	310.3	299.9	288.8	277.3	264.5	249.5	233.3	220.4
67.5°	400.9	391.2	380.0	368.2	356.9	343.6	330.1	315.5	300.3	283.2	267.0
65°	483.8	470.7	455.9	443.0	427.7	409.6	389.3	371.6	354.0	334.8	313.4
62.5°	579.2	566.4	545.9	524.8	504.4	483.7	459.1	434.2	410.3	386.2	361.3
60°	676.7	653.7	631.5	607.4	581.3	553.3	526.2	497.9	468.2	439.2	409.4
57.5°	784.4	756.0	726.9	695.7	662.5	630.7	597.8	562.6	528.9	493.7	458.2
55°	907.9	873.6	836.4	795.6	753.5	715.7	675.5	635.1	594.2	550.0	510.7
52.5°	1054.3	1011.6	963.9	911.0	861.6	811.5	759.2	713.4	663.5	614.3	565.4
50°	1241.0	1180.4	1114.8	1048.1	986.9	920.7	859.2	798.9	738.5	681.6	624.6
47.5°	1464.5	1384.4	1294.7	1211.9	1130.7	1048.7	973.1	893.4	824.1	752.3	689.1
45°	1736.4	1629.6	1514.3	1409.2	1295.2	1196.1	1099.7	1008.0	916.9	835.9	755.1
42.5°	2083.8	1928.3	1781.9	1642.4	1498.7	1368.6	1240.1	1131.5	1024.6	924.3	833.2
40°	2530.7	2304.2	2116.1	1916.0	1742.0	1567.7	1414.2	1263.6	1142.2	1023.3	912.2
37.5°	3058.4	2793.2	2524.7	2250.8	2024.2	1805.2	1607.6	1430.3	1265.2	1130.0	1001.8
35°	3616.3	3316.8	2995.3	2674.4	2343.6	2078.2	1827.1	1608.7	1416.0	1241.8	1094.0
32.5°	4173.0	3844.2	3490.2	3124.1	2752.5	2381.1	2079.7	1809.2	1568.0	1369.6	1194.8
30°	4729.5	4368.6	3980.8	3581.0	3173.4	2756.5	2345.2	2029.1	1746.1	1497.3	1296.1
27.5°	5287.7	4896.6	4472.3	4032.5	3593.0	3138.4	2682.6	2256.1	1925.6	1644.3	1407.4
25°	5846.6	5409.2	4953.6	4474.9	3995.8	3512.5	3009.0	2533.5	2126.8	1791.5	1509.9
22.5°	6407.2	5916.1	5408.2	4893.9	4378.7	3862.3	3335.3	2805.3	2317.5	1941.2	1629.9
20°	6961.1	6409.5	5853.5	5296.1	4740.7	4188.4	3637.5	3071.7	2541.6	2096.1	1741.9
17.5°	7494.6	6881.9	6278.3	5674.0	5079.9	4494.4	3908.5	3317.6	2741.8	2234.0	1840.8
15°	8002.8	7334.2	6678.6	6029.7	5388.6	4759.8	4148.4	3533.5	2923.8	2377.9	1949.2
12.5°	8482.2	7752.5	7038.4	6334.1	5652.9	4993.8	4358.2	3723.0	3095.2	2518.0	2045.9
10°	8891.6	8108.8	7340.2	6597.5	5881.7	5192.8	4531.3	3883.3	3242.2	2634.6	2124.9
7.5°	9224.6	8395.4	7584.8	6805.6	6061.2	5351.3	4665.0	4006.3	3358.6	2725.8	2185.9
5°	9467.9	8606.0	7766.1	6959.8	6185.5	5466.6	4759.3	4090.5	3442.9	2790.6	2228.6
2.5°	9618.7	8733.5	7873.9	7053.5	6257.8	5535.9	4814.0	4141.3	3491.0	2826.3	2255.4
0°	9646.7	8793.2	7907.8	7063.5	6299.3	5556.7	4828.5	4159.8	3503.5	2833.8	2263.8
-2.5°	9618.7	8733.5	7873.9	7053.5	6257.8	5535.9	4814.0	4141.3	3491.0	2826.3	2255.4
-5°	9467.9	8606.0	7766.1	6959.8	6185.5	5466.6	4759.3	4090.5	3442.9	2790.6	2228.6
-7.5°	9224.6	8395.4	7584.8	6805.6	6061.2	5351.3	4665.0	4006.3	3358.6	2725.8	2185.9
-10°	8891.6	8108.8	7340.2	6597.5	5881.7	5192.8	4531.3	3883.3	3242.2	2634.6	2124.9
-12.5°	8482.2	7752.5	7038.4	6334.1	5652.9	4993.8	4358.2	3723.0	3095.2	2518.0	2045.9
-15°	8002.8	7334.2	6678.6	6029.7	5388.6	4759.8	4148.4	3533.5	2923.8	2377.9	1949.2
-17.5°	7494.6	6881.9	6278.3	5674.0	5079.9	4494.4	3908.5	3317.6	2741.8	2234.0	1840.8
-20°	6961.1	6409.5	5853.5	5296.1	4740.7	4188.4	3637.5	3071.7	2541.6	2096.1	1741.9



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6407.2	5916.1	5408.2	4893.9	4378.7	3862.3	3335.3	2805.3	2317.5	1941.2	1629.9
-25°	5846.6	5409.2	4953.6	4474.9	3995.8	3512.5	3009.0	2533.5	2126.8	1791.5	1509.9
-27.5°	5287.7	4896.6	4472.3	4032.5	3593.0	3138.4	2682.6	2256.1	1925.6	1644.3	1407.4
-30°	4729.5	4368.6	3980.8	3581.0	3173.4	2756.5	2345.2	2029.1	1746.1	1497.3	1296.1
-32.5°	4173.0	3844.2	3490.2	3124.1	2752.5	2381.1	2079.7	1809.2	1568.0	1369.6	1194.8
-35°	3616.3	3316.8	2995.3	2674.4	2343.6	2078.2	1827.1	1608.7	1416.0	1241.8	1094.0
-37.5°	3058.4	2793.2	2524.7	2250.8	2024.2	1805.2	1607.6	1430.3	1265.2	1130.0	1001.8
-40°	2530.7	2304.2	2116.1	1916.0	1742.0	1567.7	1414.2	1263.6	1142.2	1023.3	912.2
-42.5°	2083.8	1928.3	1781.9	1642.4	1498.7	1368.6	1240.1	1131.5	1024.6	924.3	833.2
-45°	1736.4	1629.6	1514.3	1409.2	1295.2	1196.1	1099.7	1008.0	916.9	835.9	755.1
-47.5°	1464.5	1384.4	1294.7	1211.9	1130.7	1048.7	973.1	893.4	824.1	752.3	689.1
-50°	1241.0	1180.4	1114.8	1048.1	986.9	920.7	859.2	798.9	738.5	681.6	624.6
-52.5°	1054.3	1011.6	963.9	911.0	861.6	811.5	759.2	713.4	663.5	614.3	565.4
-55°	907.9	873.6	836.4	795.6	753.5	715.7	675.5	635.1	594.2	550.0	510.7
-57.5°	784.4	756.0	726.9	695.7	662.5	630.7	597.8	562.6	528.9	493.7	458.2
-60°	676.7	653.7	631.5	607.4	581.3	553.3	526.2	497.9	468.2	439.2	409.4
-62.5°	579.2	566.4	545.9	524.8	504.4	483.7	459.1	434.2	410.3	386.2	361.3
-65°	483.8	470.7	455.9	443.0	427.7	409.6	389.3	371.6	354.0	334.8	313.4
-67.5°	400.9	391.2	380.0	368.2	356.9	343.6	330.1	315.5	300.3	283.2	267.0
-70°	334.4	328.2	320.3	310.3	299.9	288.8	277.3	264.5	249.5	233.3	220.4
-72.5°	280.0	276.1	270.3	261.4	251.4	240.9	229.8	217.3	202.9	186.6	174.4
-75°	231.2	228.6	224.2	215.8	206.8	197.0	186.6	173.8	159.2	142.6	130.4
-77.5°	181.8	180.6	178.1	171.3	164.4	157.5	148.7	133.9	119.2	105.0	95.8
-80°	130.8	130.8	129.5	124.5	119.2	113.6	106.9	95.5	84.5	74.2	67.0
-82.5°	82.8	81.3	79.4	76.7	73.9	71.1	67.9	60.7	53.8	47.1	41.6
-85°	36.9	35.9	34.8	34.8	34.5	34.1	33.4	29.9	26.6	23.5	20.8
-87.5°	6.3	6.4	6.5	6.8	7.1	7.3	7.5	7.3	7.0	6.8	6.5
-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: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.3	7.9	8.4	8.8	9.1	9.3	9.3	9.1	8.8	8.3	7.6
85°	21.8	22.2	22.1	21.5	20.1	18.5	18.5	18.3	17.5	16.5	15.3
82.5°	43.3	44.6	45.3	45.0	42.3	39.3	36.2	32.9	29.3	25.3	22.9
80°	69.5	71.0	71.5	70.4	65.4	60.1	55.4	50.7	46.0	40.7	34.8
77.5°	97.8	98.9	99.2	97.4	91.1	84.3	76.9	69.2	62.7	56.1	48.8
75°	128.2	128.6	128.3	125.0	117.3	108.5	99.6	90.0	80.4	71.5	62.7
72.5°	167.8	162.4	158.3	153.0	144.5	134.5	123.2	110.5	98.3	87.0	76.4
70°	209.1	197.7	188.9	180.7	171.3	160.8	148.2	132.2	116.0	102.1	89.3
67.5°	252.2	238.1	223.9	209.1	197.4	185.6	172.9	153.7	134.2	117.0	101.9
65°	294.3	276.8	260.7	241.4	224.6	210.1	195.7	174.0	151.7	131.7	114.2
62.5°	336.6	313.2	293.0	272.1	251.8	233.9	217.7	192.9	168.6	145.8	125.9
60°	380.1	352.7	325.2	301.1	278.1	256.4	236.2	211.2	184.9	159.3	137.0
57.5°	425.2	392.3	360.8	330.8	303.9	279.0	254.0	228.1	200.6	172.9	147.0
55°	470.7	433.5	396.6	362.1	330.3	301.9	272.5	244.3	215.7	186.2	155.0
52.5°	519.5	475.9	434.3	394.1	357.7	324.2	292.2	260.1	230.1	199.0	163.7
50°	571.2	520.8	473.3	428.3	384.8	347.6	311.4	277.4	244.1	211.3	171.9
47.5°	625.5	568.5	514.4	462.8	415.6	370.2	331.6	294.4	257.7	223.5	179.3
45°	685.4	617.5	556.6	500.0	445.1	395.8	351.5	310.8	272.4	232.2	186.0
42.5°	745.5	670.4	600.4	536.0	477.3	421.7	370.5	327.8	286.6	240.2	192.5
40°	814.8	724.4	644.4	574.6	509.0	446.4	392.4	344.3	299.9	248.1	198.8
37.5°	882.4	782.7	692.5	611.5	540.3	474.3	413.7	359.9	310.3	256.7	204.6
35°	962.1	842.8	738.3	650.6	572.6	500.8	433.6	375.9	321.7	265.0	209.7
32.5°	1039.5	904.0	789.9	690.6	603.1	526.0	454.8	392.2	333.4	272.9	214.1
30°	1124.5	970.5	838.5	728.0	633.3	551.8	476.1	407.7	345.1	280.4	218.5
27.5°	1206.1	1031.8	885.8	767.6	665.3	576.0	495.8	422.1	356.9	288.2	223.9
25°	1287.1	1098.1	937.9	805.4	694.6	598.0	513.9	435.6	368.5	296.9	228.8
22.5°	1374.9	1162.2	984.8	839.4	721.2	618.1	531.2	450.3	379.1	305.2	233.0
20°	1455.6	1220.1	1026.7	871.9	747.5	639.8	547.4	463.5	388.7	313.0	236.6
17.5°	1531.8	1278.9	1073.5	907.0	772.5	658.9	561.6	475.1	397.1	320.2	239.5
15°	1611.8	1337.4	1115.6	937.4	794.1	675.4	573.9	485.1	404.3	326.7	242.3
12.5°	1680.0	1386.8	1151.0	963.0	812.2	689.2	584.1	493.4	410.4	332.2	244.8
10°	1736.3	1427.0	1179.5	983.7	826.8	700.3	592.2	500.1	415.4	336.4	246.1
7.5°	1780.1	1457.7	1201.1	999.3	838.0	708.9	599.0	505.4	419.3	339.4	246.4
5°	1810.7	1479.0	1217.0	1010.3	846.5	715.1	603.8	508.9	422.0	341.1	245.7
2.5°	1826.8	1491.1	1226.7	1016.1	851.3	718.5	606.5	510.6	423.3	341.3	244.0
0°	1829.3	1493.4	1229.5	1016.8	852.5	719.0	607.0	510.5	423.2	340.0	241.4
-2.5°	1826.8	1491.1	1226.7	1016.1	851.3	718.5	606.5	510.6	423.3	341.3	244.0
-5°	1810.7	1479.0	1217.0	1010.3	846.5	715.1	603.8	508.9	422.0	341.1	245.7
-7.5°	1780.1	1457.7	1201.1	999.3	838.0	708.9	599.0	505.4	419.3	339.4	246.4
-10°	1736.3	1427.0	1179.5	983.7	826.8	700.3	592.2	500.1	415.4	336.4	246.1
-12.5°	1680.0	1386.8	1151.0	963.0	812.2	689.2	584.1	493.4	410.4	332.2	244.8
-15°	1611.8	1337.4	1115.6	937.4	794.1	675.4	573.9	485.1	404.3	326.7	242.3
-17.5°	1531.8	1278.9	1073.5	907.0	772.5	658.9	561.6	475.1	397.1	320.2	239.5
-20°	1455.6	1220.1	1026.7	871.9	747.5	639.8	547.4	463.5	388.7	313.0	236.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1374.9	1162.2	984.8	839.4	721.2	618.1	531.2	450.3	379.1	305.2	233.0
-25°	1287.1	1098.1	937.9	805.4	694.6	598.0	513.9	435.6	368.5	296.9	228.8
-27.5°	1206.1	1031.8	885.8	767.6	665.3	576.0	495.8	422.1	356.9	288.2	223.9
-30°	1124.5	970.5	838.5	728.0	633.3	551.8	476.1	407.7	345.1	280.4	218.5
-32.5°	1039.5	904.0	789.9	690.6	603.1	526.0	454.8	392.2	333.4	272.9	214.1
-35°	962.1	842.8	738.3	650.6	572.6	500.8	433.6	375.9	321.7	265.0	209.7
-37.5°	882.4	782.7	692.5	611.5	540.3	474.3	413.7	359.9	310.3	256.7	204.6
-40°	814.8	724.4	644.4	574.6	509.0	446.4	392.4	344.3	299.9	248.1	198.8
-42.5°	745.5	670.4	600.4	536.0	477.3	421.7	370.5	327.8	286.6	240.2	192.5
-45°	685.4	617.5	556.6	500.0	445.1	395.8	351.5	310.8	272.4	232.2	186.0
-47.5°	625.5	568.5	514.4	462.8	415.6	370.2	331.6	294.4	257.7	223.5	179.3
-50°	571.2	520.8	473.3	428.3	384.8	347.6	311.4	277.4	244.1	211.3	171.9
-52.5°	519.5	475.9	434.3	394.1	357.7	324.2	292.2	260.1	230.1	199.0	163.7
-55°	470.7	433.5	396.6	362.1	330.3	301.9	272.5	244.3	215.7	186.2	155.0
-57.5°	425.2	392.3	360.8	330.8	303.9	279.0	254.0	228.1	200.6	172.9	147.0
-60°	380.1	352.7	325.2	301.1	278.1	256.4	236.2	211.2	184.9	159.3	137.0
-62.5°	336.6	313.2	293.0	272.1	251.8	233.9	217.7	192.9	168.6	145.8	125.9
-65°	294.3	276.8	260.7	241.4	224.6	210.1	195.7	174.0	151.7	131.7	114.2
-67.5°	252.2	238.1	223.9	209.1	197.4	185.6	172.9	153.7	134.2	117.0	101.9
-70°	209.1	197.7	188.9	180.7	171.3	160.8	148.2	132.2	116.0	102.1	89.3
-72.5°	167.8	162.4	158.3	153.0	144.5	134.5	123.2	110.5	98.3	87.0	76.4
-75°	128.2	128.6	128.3	125.0	117.3	108.5	99.6	90.0	80.4	71.5	62.7
-77.5°	97.8	98.9	99.2	97.4	91.1	84.3	76.9	69.2	62.7	56.1	48.8
-80°	69.5	71.0	71.5	70.4	65.4	60.1	55.4	50.7	46.0	40.7	34.8
-82.5°	43.3	44.6	45.3	45.0	42.3	39.3	36.2	32.9	29.3	25.3	22.9
-85°	21.8	22.2	22.1	21.5	20.1	18.5	18.5	18.3	17.5	16.5	15.3
-87.5°	7.3	7.9	8.4	8.8	9.1	9.3	9.3	9.1	8.8	8.3	7.6
-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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Scaled Data Report



REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-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°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
85°	13.8	10.8	8.0	5.5	3.4	1.5	0.0
82.5°	20.6	16.1	12.0	8.3	5.1	2.2	0.0
80°	28.0	21.3	15.9	11.0	6.7	2.9	0.0
77.5°	40.0	27.8	19.8	13.7	8.4	3.7	0.0
75°	51.6	36.3	23.9	16.4	10.0	4.4	0.0
72.5°	62.9	44.6	29.6	18.9	11.6	5.1	0.0
70°	73.5	52.5	35.2	21.7	13.1	5.7	0.0
67.5°	82.8	60.1	40.4	25.0	14.6	6.4	0.0
65°	91.6	67.1	45.5	28.2	16.1	7.1	0.0
62.5°	99.9	73.5	50.2	31.3	17.5	7.7	0.0
60°	107.7	79.4	54.6	34.2	18.8	8.3	0.0
57.5°	114.8	85.0	58.7	36.8	20.4	8.9	0.0
55°	121.3	90.1	62.5	39.3	22.0	9.5	0.0
52.5°	127.2	94.8	66.0	41.6	23.5	10.0	0.0
50°	132.6	99.2	69.2	43.6	25.0	10.5	0.0
47.5°	137.6	103.1	72.1	45.5	26.3	11.0	0.0
45°	143.3	106.5	74.6	47.3	27.6	11.5	0.0
42.5°	148.3	109.5	76.7	49.0	28.9	11.9	0.0
40°	152.7	112.1	78.7	50.8	30.0	12.3	0.0
37.5°	156.5	114.1	80.4	52.6	31.1	12.7	0.0
35°	159.7	116.5	81.9	54.3	32.1	13.0	0.0
32.5°	162.5	118.7	82.9	55.8	33.0	13.3	0.0
30°	165.7	120.4	83.7	57.2	33.9	13.6	0.0
27.5°	168.3	121.6	85.5	58.4	34.6	13.8	0.0
25°	170.4	122.4	87.2	59.5	35.3	14.0	0.0
22.5°	171.8	123.3	88.7	60.4	35.8	14.2	0.0
20°	172.6	125.6	90.0	61.2	36.3	14.4	0.0
17.5°	174.5	127.4	91.1	61.8	36.7	14.5	0.0
15°	176.9	128.9	92.0	62.2	37.0	14.5	0.0
12.5°	178.6	129.9	92.6	62.5	37.2	14.6	0.0
10°	179.6	130.6	93.1	62.6	37.4	14.6	0.0
7.5°	180.0	130.8	93.2	62.6	37.4	14.6	0.0
5°	179.8	130.7	93.2	62.4	37.4	14.6	0.0
2.5°	179.1	130.3	92.9	62.1	37.2	14.5	0.0
0°	177.7	129.4	92.4	61.6	37.0	14.4	0.0
-2.5°	179.1	130.3	92.9	62.1	37.2	14.5	0.0
-5°	179.8	130.7	93.2	62.4	37.4	14.6	0.0
-7.5°	180.0	130.8	93.2	62.6	37.4	14.6	0.0
-10°	179.6	130.6	93.1	62.6	37.4	14.6	0.0
-12.5°	178.6	129.9	92.6	62.5	37.2	14.6	0.0
-15°	176.9	128.9	92.0	62.2	37.0	14.5	0.0
-17.5°	174.5	127.4	91.1	61.8	36.7	14.5	0.0
-20°	172.6	125.6	90.0	61.2	36.3	14.4	0.0

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REPORT NUMBER: P627003 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.8	123.3	88.7	60.4	35.8	14.2	0.0
-25°	170.4	122.4	87.2	59.5	35.3	14.0	0.0
-27.5°	168.3	121.6	85.5	58.4	34.6	13.8	0.0
-30°	165.7	120.4	83.7	57.2	33.9	13.6	0.0
-32.5°	162.5	118.7	82.9	55.8	33.0	13.3	0.0
-35°	159.7	116.5	81.9	54.3	32.1	13.0	0.0
-37.5°	156.5	114.1	80.4	52.6	31.1	12.7	0.0
-40°	152.7	112.1	78.7	50.8	30.0	12.3	0.0
-42.5°	148.3	109.5	76.7	49.0	28.9	11.9	0.0
-45°	143.3	106.5	74.6	47.3	27.6	11.5	0.0
-47.5°	137.6	103.1	72.1	45.5	26.3	11.0	0.0
-50°	132.6	99.2	69.2	43.6	25.0	10.5	0.0
-52.5°	127.2	94.8	66.0	41.6	23.5	10.0	0.0
-55°	121.3	90.1	62.5	39.3	22.0	9.5	0.0
-57.5°	114.8	85.0	58.7	36.8	20.4	8.9	0.0
-60°	107.7	79.4	54.6	34.2	18.8	8.3	0.0
-62.5°	99.9	73.5	50.2	31.3	17.5	7.7	0.0
-65°	91.6	67.1	45.5	28.2	16.1	7.1	0.0
-67.5°	82.8	60.1	40.4	25.0	14.6	6.4	0.0
-70°	73.5	52.5	35.2	21.7	13.1	5.7	0.0
-72.5°	62.9	44.6	29.6	18.9	11.6	5.1	0.0
-75°	51.6	36.3	23.9	16.4	10.0	4.4	0.0
-77.5°	40.0	27.8	19.8	13.7	8.4	3.7	0.0
-80°	28.0	21.3	15.9	11.0	6.7	2.9	0.0
-82.5°	20.6	16.1	12.0	8.3	5.1	2.2	0.0
-85°	13.8	10.8	8.0	5.5	3.4	1.5	0.0
-87.5°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)