

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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-750-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N57  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

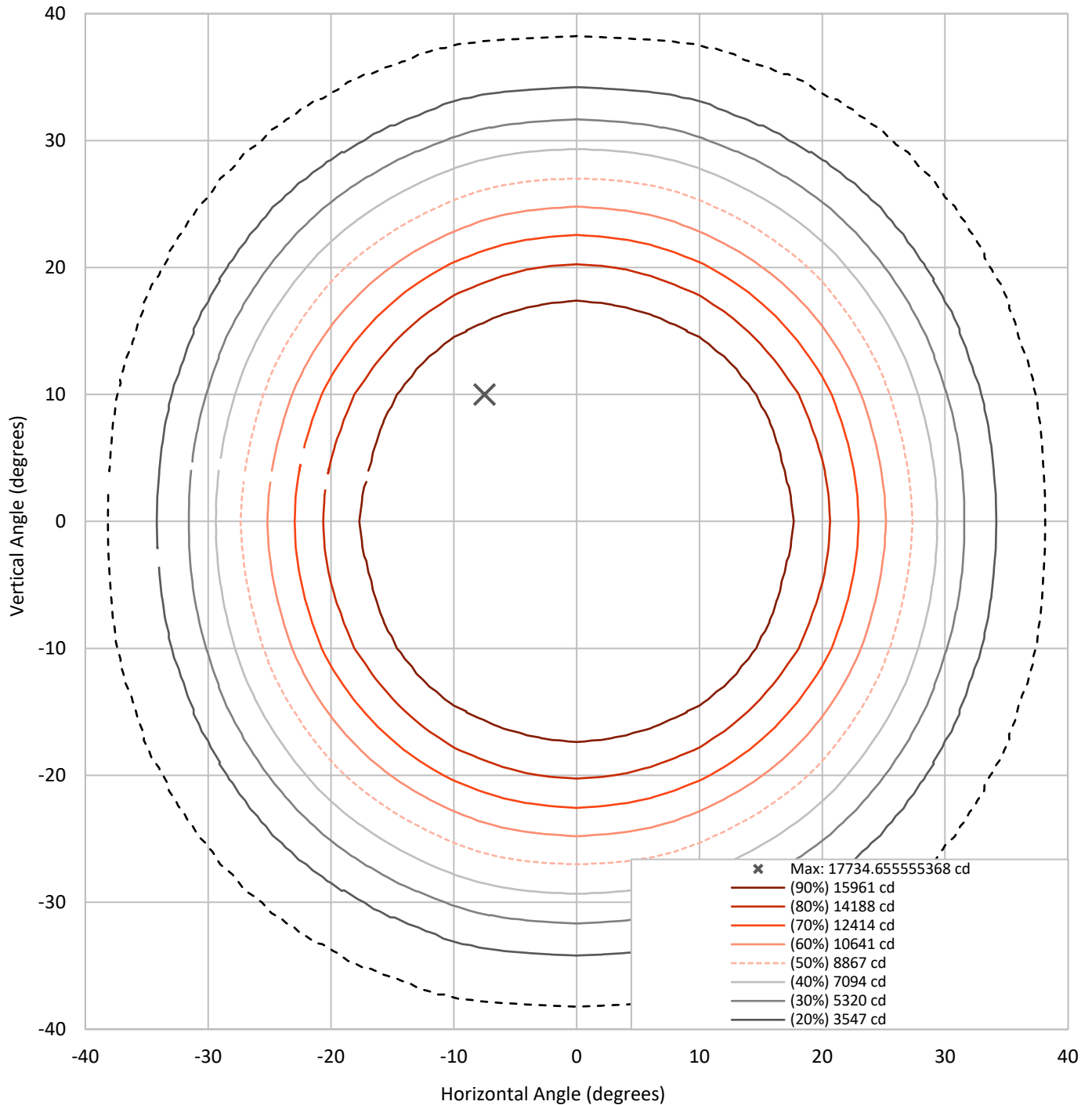
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15093.9 lumens	Max Intensity:	17734.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	138.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	10018.4 lumens	Field Lumens:	13026.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





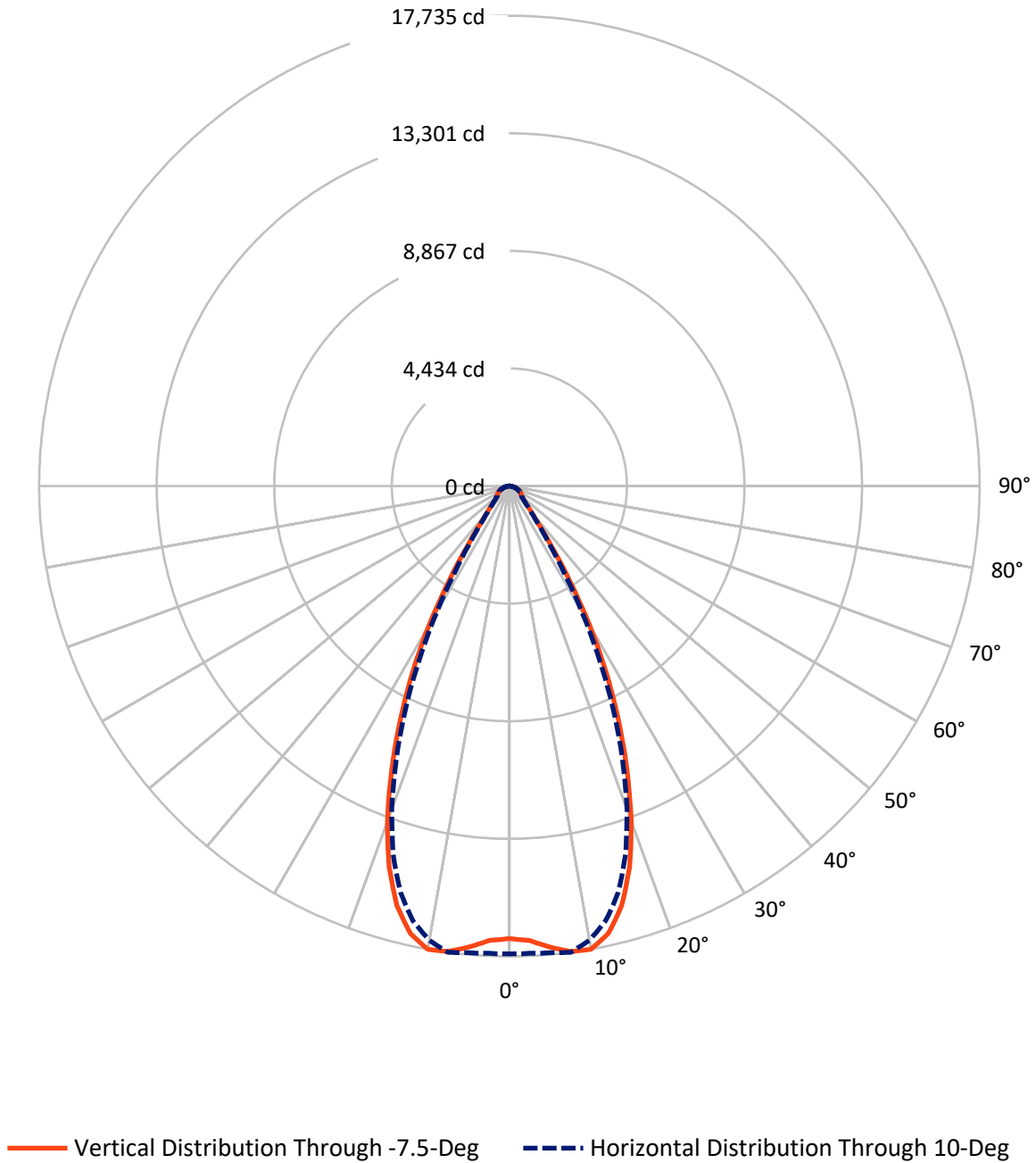
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### Lumen Table

90																			
80	0.4	3.5		9.5		15.0		16.7		15.0		9.5		3.5		0.4			
70																			
60	1.6	1.8	3.7	6.0	8.5	10.3	11.6	12.3	12.3	11.6	10.3	8.5	6.0	3.7	1.8	1.6			
50		2.7	5.4	8.7	11.6	14.1	15.8	16.4	16.4	15.8	14.1	11.6	8.7	5.4	2.7				
40	2.8	3.5	6.9	10.6	14.2	18.4	23.2	26.6	26.6	23.2	18.4	14.2	10.6	6.9	3.5	2.8			
30		4.2	8.0	12.2	18.8	34.3	65.7	97.3	97.3	65.7	34.3	18.8	12.2	8.0	4.2				
20	3.7	4.7	8.7	14.2	30.9	96.9	217.4	303.5	303.5	217.4	96.9	30.9	14.2	8.7	4.7	3.7			
10		5.0	9.2	16.8	55.9	206.6	394.5	493.7	493.7	394.5	206.6	55.9	16.8	9.2	5.0				
0	4.0	5.1	9.4	19.0	80.5	282.7	478.6	520.7	520.7	478.6	282.7	80.5	19.0	9.4	5.1	4.0			
-10		5.1	9.4	19.0	80.5	282.7	478.6	520.7	520.7	478.6	282.7	80.5	19.0	9.4	5.1				
-20	3.7	5.0	9.2	16.8	55.9	206.6	394.5	493.7	493.7	394.5	206.6	55.9	16.8	9.2	5.0	3.7			
-30		4.7	8.7	14.2	30.9	96.9	217.4	303.5	303.5	217.4	96.9	30.9	14.2	8.7	4.7				
-40	2.8	4.2	8.0	12.2	18.8	34.3	65.7	97.3	97.3	65.7	34.3	18.8	12.2	8.0	4.2	2.8			
-50		3.5	6.9	10.6	14.2	18.4	23.2	26.6	26.6	23.2	18.4	14.2	10.6	6.9	3.5				
-60	1.6	2.7	5.4	8.7	11.6	14.1	15.8	16.4	16.4	15.8	14.1	11.6	8.7	5.4	2.7	1.6			
-70		1.8	3.7	6.0	8.5	10.3	11.6	12.3	12.3	11.6	10.3	8.5	6.0	3.7	1.8				
-80																			
-90	0.4	3.5		9.5		15.0		16.7		15.0		9.5		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

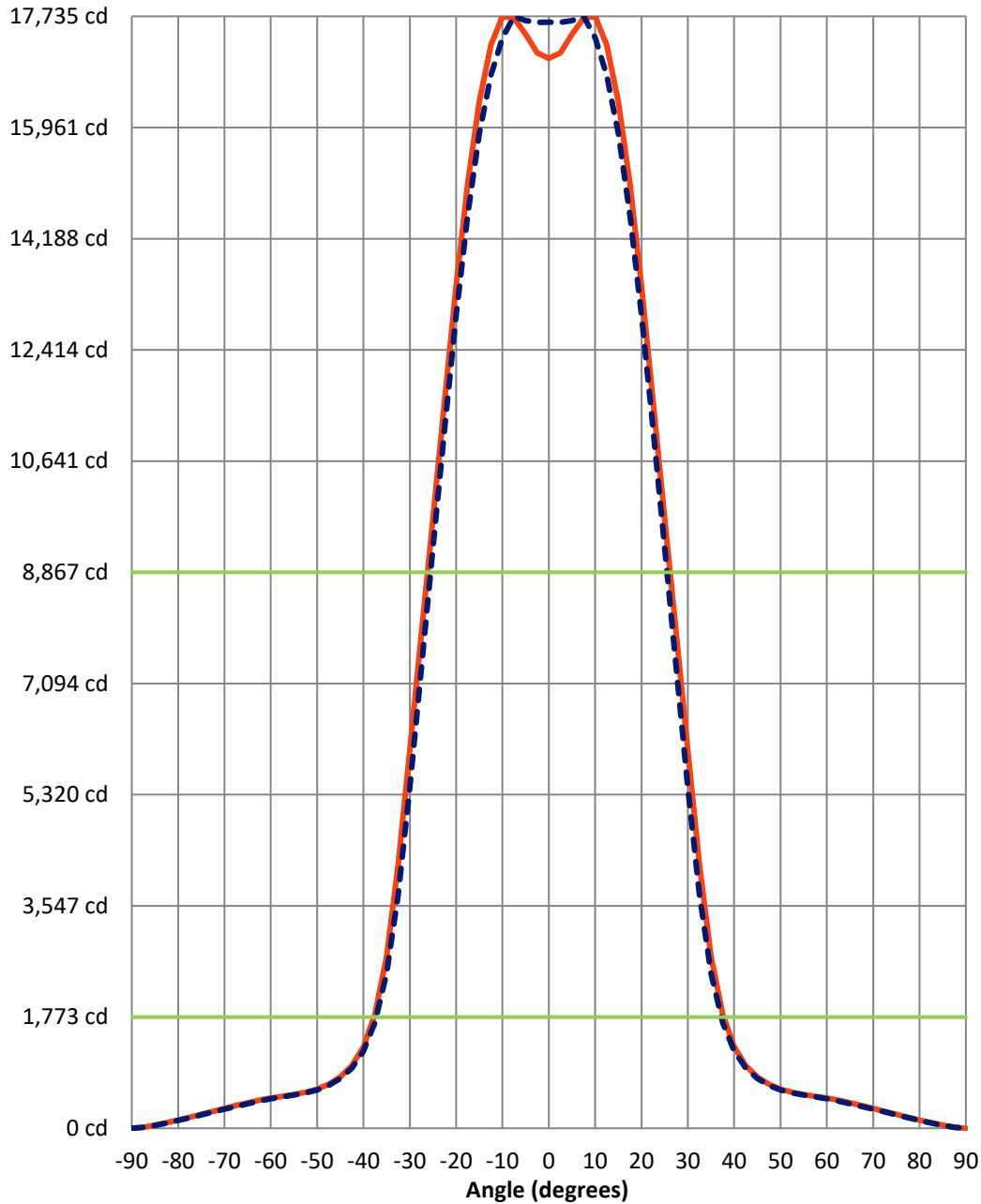
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 10018.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 13026.8  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2067.1  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.8	6.8	7.9
85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.8	11.6	13.6	15.7
82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	14.6	17.8	22.4	26.8
80°	0.0	2.7	5.4	8.1	10.7	13.4	16.5	22.8	28.8	34.5	39.8
77.5°	0.0	3.4	6.7	10.0	13.4	18.0	25.2	32.7	39.8	46.5	53.7
75°	0.0	4.0	8.0	12.0	16.5	25.2	33.8	42.5	51.0	60.7	70.3
72.5°	0.0	4.7	9.3	13.9	22.2	32.3	42.4	52.7	64.3	75.6	86.8
70°	0.0	5.3	10.6	16.3	27.9	39.4	51.0	64.3	77.4	90.4	104.0
67.5°	0.0	5.9	11.9	20.5	33.4	46.3	60.6	75.6	90.3	105.6	121.1
65°	0.0	6.5	13.1	24.6	38.9	53.6	70.1	86.8	103.4	120.5	138.5
62.5°	0.0	7.2	14.3	28.6	44.2	61.2	79.4	97.8	116.2	135.4	157.2
60°	0.0	7.7	15.5	32.5	49.4	68.6	88.4	108.6	128.6	151.7	175.4
57.5°	0.0	8.3	18.0	36.3	55.1	75.8	97.4	119.0	142.2	167.4	192.6
55°	0.0	8.9	20.4	40.0	60.6	82.8	106.3	129.3	155.6	182.6	209.1
52.5°	0.0	9.4	22.8	43.6	66.0	89.6	114.9	140.5	168.5	197.0	225.1
50°	0.0	10.0	25.0	47.1	71.1	96.7	123.4	151.5	181.0	210.9	240.6
47.5°	0.0	10.5	27.2	50.6	76.1	103.5	131.7	162.0	192.9	224.4	255.5
45°	0.0	11.0	29.3	54.1	80.8	110.2	140.3	172.1	204.5	237.3	269.9
42.5°	0.0	11.4	31.2	57.5	85.3	116.5	148.4	181.6	215.5	249.7	283.5
40°	0.0	11.9	33.1	60.6	89.8	122.6	156.2	190.7	225.9	261.5	296.7
37.5°	0.0	12.3	34.8	63.5	94.5	128.5	163.5	199.2	236.0	273.0	309.3
35°	0.0	12.7	36.5	66.2	98.9	134.1	170.3	207.2	245.6	283.7	321.0
32.5°	0.0	13.1	38.0	68.8	103.0	139.5	176.7	214.6	254.8	293.6	331.3
30°	0.0	13.4	39.4	71.1	106.9	144.5	182.6	221.6	263.4	302.8	340.9
27.5°	0.0	13.7	40.7	73.3	110.4	149.1	188.1	228.5	271.2	311.2	349.8
25°	0.0	14.0	41.8	75.3	113.5	153.2	193.0	234.8	278.0	318.6	358.0
22.5°	0.0	14.3	42.9	77.0	116.3	157.0	197.4	240.6	284.2	325.1	365.4
20°	0.0	14.6	43.8	78.6	118.8	160.1	201.3	245.9	289.6	331.0	372.0
17.5°	0.0	14.8	44.6	80.0	121.1	162.9	204.9	250.5	294.3	336.1	377.7
15°	0.0	15.0	45.2	81.2	122.9	165.2	208.1	254.7	298.3	340.5	382.7
12.5°	0.0	15.1	45.8	82.2	124.5	167.2	210.8	258.4	301.8	344.1	386.8
10°	0.0	15.3	46.2	82.9	125.7	168.7	213.1	261.5	304.9	347.5	390.2
7.5°	0.0	15.4	46.5	83.5	126.6	169.8	214.9	263.8	307.3	350.3	393.3
5°	0.0	15.4	46.6	83.8	127.2	170.5	216.2	265.5	309.0	352.2	395.5
2.5°	0.0	15.5	46.7	83.9	127.4	170.8	217.0	266.6	310.1	353.4	396.9
0°	0.0	15.5	46.6	83.8	127.3	170.7	217.3	266.9	310.4	353.8	397.3
-2.5°	0.0	15.5	46.7	83.9	127.4	170.8	217.0	266.6	310.1	353.4	396.9
-5°	0.0	15.4	46.6	83.8	127.2	170.5	216.2	265.5	309.0	352.2	395.5
-7.5°	0.0	15.4	46.5	83.5	126.6	169.8	214.9	263.8	307.3	350.3	393.3
-10°	0.0	15.3	46.2	82.9	125.7	168.7	213.1	261.5	304.9	347.5	390.2
-12.5°	0.0	15.1	45.8	82.2	124.5	167.2	210.8	258.4	301.8	344.1	386.8
-15°	0.0	15.0	45.2	81.2	122.9	165.2	208.1	254.7	298.3	340.5	382.7
-17.5°	0.0	14.8	44.6	80.0	121.1	162.9	204.9	250.5	294.3	336.1	377.7
-20°	0.0	14.6	43.8	78.6	118.8	160.1	201.3	245.9	289.6	331.0	372.0

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

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.3	42.9	77.0	116.3	157.0	197.4	240.6	284.2	325.1	365.4
-25°	0.0	14.0	41.8	75.3	113.5	153.2	193.0	234.8	278.0	318.6	358.0
-27.5°	0.0	13.7	40.7	73.3	110.4	149.1	188.1	228.5	271.2	311.2	349.8
-30°	0.0	13.4	39.4	71.1	106.9	144.5	182.6	221.6	263.4	302.8	340.9
-32.5°	0.0	13.1	38.0	68.8	103.0	139.5	176.7	214.6	254.8	293.6	331.3
-35°	0.0	12.7	36.5	66.2	98.9	134.1	170.3	207.2	245.6	283.7	321.0
-37.5°	0.0	12.3	34.8	63.5	94.5	128.5	163.5	199.2	236.0	273.0	309.3
-40°	0.0	11.9	33.1	60.6	89.8	122.6	156.2	190.7	225.9	261.5	296.7
-42.5°	0.0	11.4	31.2	57.5	85.3	116.5	148.4	181.6	215.5	249.7	283.5
-45°	0.0	11.0	29.3	54.1	80.8	110.2	140.3	172.1	204.5	237.3	269.9
-47.5°	0.0	10.5	27.2	50.6	76.1	103.5	131.7	162.0	192.9	224.4	255.5
-50°	0.0	10.0	25.0	47.1	71.1	96.7	123.4	151.5	181.0	210.9	240.6
-52.5°	0.0	9.4	22.8	43.6	66.0	89.6	114.9	140.5	168.5	197.0	225.1
-55°	0.0	8.9	20.4	40.0	60.6	82.8	106.3	129.3	155.6	182.6	209.1
-57.5°	0.0	8.3	18.0	36.3	55.1	75.8	97.4	119.0	142.2	167.4	192.6
-60°	0.0	7.7	15.5	32.5	49.4	68.6	88.4	108.6	128.6	151.7	175.4
-62.5°	0.0	7.2	14.3	28.6	44.2	61.2	79.4	97.8	116.2	135.4	157.2
-65°	0.0	6.5	13.1	24.6	38.9	53.6	70.1	86.8	103.4	120.5	138.5
-67.5°	0.0	5.9	11.9	20.5	33.4	46.3	60.6	75.6	90.3	105.6	121.1
-70°	0.0	5.3	10.6	16.3	27.9	39.4	51.0	64.3	77.4	90.4	104.0
-72.5°	0.0	4.7	9.3	13.9	22.2	32.3	42.4	52.7	64.3	75.6	86.8
-75°	0.0	4.0	8.0	12.0	16.5	25.2	33.8	42.5	51.0	60.7	70.3
-77.5°	0.0	3.4	6.7	10.0	13.4	18.0	25.2	32.7	39.8	46.5	53.7
-80°	0.0	2.7	5.4	8.1	10.7	13.4	16.5	22.8	28.8	34.5	39.8
-82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	14.6	17.8	22.4	26.8
-85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.8	11.6	13.6	15.7
-87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.8	6.8	7.9
-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°	8.6	9.3	10.0	10.7	11.3	12.0	12.6	13.2	13.7	14.2	14.8
85°	17.2	18.6	21.1	23.6	26.0	28.3	30.6	32.7	34.8	36.8	38.6
82.5°	30.8	34.8	38.9	43.1	46.7	50.2	53.7	57.2	60.7	64.2	67.7
80°	45.3	50.9	57.3	63.4	68.7	73.8	78.6	83.3	88.5	93.9	99.5
77.5°	62.0	70.0	77.5	84.5	91.2	98.7	105.8	112.7	119.8	126.9	133.7
75°	79.9	89.0	98.6	108.0	117.2	126.1	134.8	143.6	152.6	161.4	169.9
72.5°	98.4	110.0	121.3	132.3	143.7	154.8	165.5	175.8	186.5	197.4	207.8
70°	117.6	130.8	144.8	158.2	171.0	184.0	197.1	209.7	222.1	234.7	247.2
67.5°	137.0	153.6	169.2	184.2	199.3	214.6	229.4	244.5	259.0	273.7	287.7
65°	158.3	176.4	193.6	210.7	227.9	245.8	263.2	280.0	297.0	313.4	328.1
62.5°	179.2	198.5	217.5	237.0	257.4	277.5	296.5	315.9	335.6	352.8	367.7
60°	198.5	219.9	241.1	263.3	285.9	307.5	328.9	349.9	371.1	390.9	403.0
57.5°	217.1	240.7	264.2	288.1	311.9	336.1	358.6	381.7	401.4	418.0	432.1
55°	235.2	260.8	285.9	311.0	336.7	362.0	386.4	408.3	427.5	441.4	455.0
52.5°	252.8	279.8	305.7	332.9	360.2	387.0	412.5	432.8	448.6	462.7	475.5
50°	269.8	297.4	324.8	354.1	383.0	411.3	435.3	453.1	469.1	483.0	496.3
47.5°	285.8	314.6	343.8	374.7	405.1	432.4	454.5	473.1	489.5	504.4	520.2
45°	301.2	331.7	362.6	394.5	425.5	451.9	473.2	493.3	508.7	525.5	543.6
42.5°	316.2	348.2	380.6	413.5	444.8	469.6	490.8	509.2	527.2	547.2	569.1
40°	330.4	363.7	397.5	431.8	463.0	485.0	505.8	525.3	547.2	570.9	596.2
37.5°	343.7	378.3	413.5	449.0	476.5	499.1	520.3	542.1	567.6	595.0	629.4
35°	356.2	392.0	428.2	462.4	488.5	512.4	534.5	558.8	588.5	624.4	668.4
32.5°	367.7	404.5	441.8	473.2	499.6	524.4	547.1	577.4	613.1	655.8	718.2
30°	378.4	416.1	453.5	483.9	509.5	534.5	562.1	596.2	638.0	700.3	780.1
27.5°	388.3	426.5	462.7	492.7	518.5	544.2	576.5	617.8	672.8	747.2	846.4
25°	397.4	436.5	471.4	500.1	526.7	555.3	590.3	636.9	709.2	805.2	939.3
22.5°	405.6	445.5	479.8	506.5	534.5	565.4	606.3	664.5	747.9	860.0	1032.9
20°	412.9	452.3	486.1	512.6	541.6	573.8	620.6	690.7	791.2	936.5	1157.2
17.5°	419.3	458.3	490.8	518.4	548.6	583.3	634.5	713.4	829.8	1003.2	1282.9
15°	424.8	463.4	494.8	523.4	554.7	594.2	653.7	743.1	874.5	1072.6	1392.3
12.5°	429.4	467.7	498.1	527.4	559.7	603.3	670.2	771.0	921.0	1157.9	1553.7
10°	433.0	471.0	500.5	530.6	563.6	610.5	683.6	793.9	959.5	1231.7	1691.3
7.5°	436.3	473.4	502.3	532.8	566.4	615.9	693.7	811.6	989.0	1289.7	1800.2
5°	438.7	474.9	503.2	534.1	568.8	619.5	700.6	823.8	1009.4	1331.1	1876.9
2.5°	440.2	475.4	503.4	534.4	570.5	621.1	704.2	830.6	1025.4	1350.8	1918.1
0°	440.7	474.9	502.8	533.8	571.1	620.7	704.5	831.8	1033.5	1350.1	1924.3
-2.5°	440.2	475.4	503.4	534.4	570.5	621.1	704.2	830.6	1025.4	1350.8	1918.1
-5°	438.7	474.9	503.2	534.1	568.8	619.5	700.6	823.8	1009.4	1331.1	1876.9
-7.5°	436.3	473.4	502.3	532.8	566.4	615.9	693.7	811.6	989.0	1289.7	1800.2
-10°	433.0	471.0	500.5	530.6	563.6	610.5	683.6	793.9	959.5	1231.7	1691.3
-12.5°	429.4	467.7	498.1	527.4	559.7	603.3	670.2	771.0	921.0	1157.9	1553.7
-15°	424.8	463.4	494.8	523.4	554.7	594.2	653.7	743.1	874.5	1072.6	1392.3
-17.5°	419.3	458.3	490.8	518.4	548.6	583.3	634.5	713.4	829.8	1003.2	1282.9
-20°	412.9	452.3	486.1	512.6	541.6	573.8	620.6	690.7	791.2	936.5	1157.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	405.6	445.5	479.8	506.5	534.5	565.4	606.3	664.5	747.9	860.0	1032.9
-25°	397.4	436.5	471.4	500.1	526.7	555.3	590.3	636.9	709.2	805.2	939.3
-27.5°	388.3	426.5	462.7	492.7	518.5	544.2	576.5	617.8	672.8	747.2	846.4
-30°	378.4	416.1	453.5	483.9	509.5	534.5	562.1	596.2	638.0	700.3	780.1
-32.5°	367.7	404.5	441.8	473.2	499.6	524.4	547.1	577.4	613.1	655.8	718.2
-35°	356.2	392.0	428.2	462.4	488.5	512.4	534.5	558.8	588.5	624.4	668.4
-37.5°	343.7	378.3	413.5	449.0	476.5	499.1	520.3	542.1	567.6	595.0	629.4
-40°	330.4	363.7	397.5	431.8	463.0	485.0	505.8	525.3	547.2	570.9	596.2
-42.5°	316.2	348.2	380.6	413.5	444.8	469.6	490.8	509.2	527.2	547.2	569.1
-45°	301.2	331.7	362.6	394.5	425.5	451.9	473.2	493.3	508.7	525.5	543.6
-47.5°	285.8	314.6	343.8	374.7	405.1	432.4	454.5	473.1	489.5	504.4	520.2
-50°	269.8	297.4	324.8	354.1	383.0	411.3	435.3	453.1	469.1	483.0	496.3
-52.5°	252.8	279.8	305.7	332.9	360.2	387.0	412.5	432.8	448.6	462.7	475.5
-55°	235.2	260.8	285.9	311.0	336.7	362.0	386.4	408.3	427.5	441.4	455.0
-57.5°	217.1	240.7	264.2	288.1	311.9	336.1	358.6	381.7	401.4	418.0	432.1
-60°	198.5	219.9	241.1	263.3	285.9	307.5	328.9	349.9	371.1	390.9	403.0
-62.5°	179.2	198.5	217.5	237.0	257.4	277.5	296.5	315.9	335.6	352.8	367.7
-65°	158.3	176.4	193.6	210.7	227.9	245.8	263.2	280.0	297.0	313.4	328.1
-67.5°	137.0	153.6	169.2	184.2	199.3	214.6	229.4	244.5	259.0	273.7	287.7
-70°	117.6	130.8	144.8	158.2	171.0	184.0	197.1	209.7	222.1	234.7	247.2
-72.5°	98.4	110.0	121.3	132.3	143.7	154.8	165.5	175.8	186.5	197.4	207.8
-75°	79.9	89.0	98.6	108.0	117.2	126.1	134.8	143.6	152.6	161.4	169.9
-77.5°	62.0	70.0	77.5	84.5	91.2	98.7	105.8	112.7	119.8	126.9	133.7
-80°	45.3	50.9	57.3	63.4	68.7	73.8	78.6	83.3	88.5	93.9	99.5
-82.5°	30.8	34.8	38.9	43.1	46.7	50.2	53.7	57.2	60.7	64.2	67.7
-85°	17.2	18.6	21.1	23.6	26.0	28.3	30.6	32.7	34.8	36.8	38.6
-87.5°	8.6	9.3	10.0	10.7	11.3	12.0	12.6	13.2	13.7	14.2	14.8
-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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.2	15.0	14.8	14.4	14.1	15.0	16.0	17.0	18.0	17.4	16.8
85°	40.4	41.3	42.1	42.8	43.3	45.2	47.1	48.8	50.4	50.4	50.2
82.5°	71.1	73.4	75.3	77.1	78.7	80.9	82.9	84.7	86.2	87.3	88.2
80°	104.8	108.5	111.7	114.6	117.2	120.1	122.9	125.4	127.5	128.7	129.4
77.5°	140.3	145.8	150.6	155.2	159.6	164.0	167.9	171.4	174.5	175.2	175.1
75°	178.0	185.3	192.1	198.4	204.3	209.3	213.6	217.2	220.1	221.5	222.3
72.5°	217.7	226.7	234.7	242.0	248.2	253.3	257.8	261.7	265.0	267.1	268.3
70°	259.1	269.6	277.9	284.7	290.1	295.2	301.0	306.5	311.7	314.6	315.7
67.5°	300.5	311.5	319.1	325.4	330.2	335.3	342.6	349.1	354.9	358.9	361.4
65°	341.2	352.8	360.4	366.3	370.8	375.8	384.0	390.5	395.5	399.4	403.0
62.5°	381.4	393.0	401.5	408.5	415.0	420.6	427.3	432.8	437.0	440.9	445.2
60°	416.1	429.9	438.8	446.0	454.1	462.8	467.7	471.8	475.3	478.5	481.2
57.5°	444.5	456.9	468.3	476.9	485.3	493.4	499.2	503.0	506.1	508.5	509.4
55°	468.3	481.0	493.8	503.1	511.3	518.9	525.3	530.3	534.5	537.7	538.5
52.5°	489.6	503.9	516.4	527.1	538.1	547.0	554.1	560.9	566.8	571.6	573.6
50°	512.7	527.7	543.3	557.8	569.4	579.6	588.1	597.7	607.9	616.2	621.5
47.5°	537.1	554.4	573.2	591.0	604.8	619.9	634.0	648.3	667.1	683.0	694.7
45°	562.6	584.8	606.3	628.9	647.9	676.4	702.9	725.6	755.8	783.2	805.0
42.5°	592.7	620.3	646.7	682.9	720.8	759.7	801.8	837.7	884.9	933.0	971.8
40°	628.4	663.7	710.1	758.7	818.5	872.0	944.7	1009.5	1081.9	1173.5	1249.2
37.5°	671.3	725.7	790.3	858.0	951.3	1040.4	1160.5	1287.0	1401.8	1578.1	1726.4
35°	727.1	803.1	888.1	1008.0	1140.0	1307.0	1494.3	1738.7	1948.3	2245.6	2529.7
32.5°	798.9	896.7	1035.6	1220.6	1415.7	1718.9	2016.1	2440.5	2833.4	3304.6	3813.1
30°	878.9	1027.7	1239.9	1493.7	1857.6	2303.6	2827.5	3479.3	4192.6	4854.9	5507.5
27.5°	994.8	1207.9	1486.7	1896.3	2463.5	3087.4	4005.4	4890.2	5813.3	6633.8	7318.1
25°	1130.1	1411.8	1842.9	2445.9	3213.1	4281.5	5380.3	6472.3	7465.0	8324.1	9080.2
22.5°	1304.8	1709.9	2284.7	3065.8	4260.3	5540.9	6829.4	8033.9	9092.8	10049.4	10867.9
20°	1494.8	2001.8	2822.6	3987.4	5353.4	6812.3	8267.2	9550.2	10716.2	11800.8	12723.3
17.5°	1735.7	2445.7	3485.1	4882.4	6461.8	8060.1	9588.6	10980.9	12303.8	13451.5	14415.3
15°	1940.9	2836.6	4193.2	5832.0	7540.2	9226.3	10840.0	12352.4	13727.6	14905.2	15811.3
12.5°	2214.7	3274.7	4821.9	6648.2	8499.4	10273.5	11973.3	13536.4	14936.0	16100.6	16806.0
10°	2473.5	3728.3	5429.5	7334.1	9257.3	11147.6	12962.5	14565.7	15865.1	16791.5	17392.6
7.5°	2693.5	4118.1	5923.7	7888.5	9859.6	11835.9	13673.0	15232.8	16430.9	17204.6	17623.1
5°	2857.9	4409.5	6290.6	8339.0	10361.6	12372.6	14195.4	15659.6	16695.2	17270.0	17480.1
2.5°	2962.6	4580.6	6503.5	8634.6	10697.6	12712.2	14553.7	15995.0	16873.6	17254.6	17290.8
0°	3004.4	4602.8	6536.4	8789.7	10782.2	12809.0	14655.7	16133.0	16940.0	17253.5	17247.3
-2.5°	2962.6	4580.6	6503.5	8634.6	10697.6	12712.2	14553.7	15995.0	16873.6	17254.6	17290.8
-5°	2857.9	4409.5	6290.6	8339.0	10361.6	12372.6	14195.4	15659.6	16695.2	17270.0	17480.1
-7.5°	2693.5	4118.1	5923.7	7888.5	9859.6	11835.9	13673.0	15232.8	16430.9	17204.6	17623.1
-10°	2473.5	3728.3	5429.5	7334.1	9257.3	11147.6	12962.5	14565.7	15865.1	16791.5	17392.6
-12.5°	2214.7	3274.7	4821.9	6648.2	8499.4	10273.5	11973.3	13536.4	14936.0	16100.6	16806.0
-15°	1940.9	2836.6	4193.2	5832.0	7540.2	9226.3	10840.0	12352.4	13727.6	14905.2	15811.3
-17.5°	1735.7	2445.7	3485.1	4882.4	6461.8	8060.1	9588.6	10980.9	12303.8	13451.5	14415.3
-20°	1494.8	2001.8	2822.6	3987.4	5353.4	6812.3	8267.2	9550.2	10716.2	11800.8	12723.3



REPORT NUMBER: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1304.8	1709.9	2284.7	3065.8	4260.3	5540.9	6829.4	8033.9	9092.8	10049.4	10867.9
-25°	1130.1	1411.8	1842.9	2445.9	3213.1	4281.5	5380.3	6472.3	7465.0	8324.1	9080.2
-27.5°	994.8	1207.9	1486.7	1896.3	2463.5	3087.4	4005.4	4890.2	5813.3	6633.8	7318.1
-30°	878.9	1027.7	1239.9	1493.7	1857.6	2303.6	2827.5	3479.3	4192.6	4854.9	5507.5
-32.5°	798.9	896.7	1035.6	1220.6	1415.7	1718.9	2016.1	2440.5	2833.4	3304.6	3813.1
-35°	727.1	803.1	888.1	1008.0	1140.0	1307.0	1494.3	1738.7	1948.3	2245.6	2529.7
-37.5°	671.3	725.7	790.3	858.0	951.3	1040.4	1160.5	1287.0	1401.8	1578.1	1726.4
-40°	628.4	663.7	710.1	758.7	818.5	872.0	944.7	1009.5	1081.9	1173.5	1249.2
-42.5°	592.7	620.3	646.7	682.9	720.8	759.7	801.8	837.7	884.9	933.0	971.8
-45°	562.6	584.8	606.3	628.9	647.9	676.4	702.9	725.6	755.8	783.2	805.0
-47.5°	537.1	554.4	573.2	591.0	604.8	619.9	634.0	648.3	667.1	683.0	694.7
-50°	512.7	527.7	543.3	557.8	569.4	579.6	588.1	597.7	607.9	616.2	621.5
-52.5°	489.6	503.9	516.4	527.1	538.1	547.0	554.1	560.9	566.8	571.6	573.6
-55°	468.3	481.0	493.8	503.1	511.3	518.9	525.3	530.3	534.5	537.7	538.5
-57.5°	444.5	456.9	468.3	476.9	485.3	493.4	499.2	503.0	506.1	508.5	509.4
-60°	416.1	429.9	438.8	446.0	454.1	462.8	467.7	471.8	475.3	478.5	481.2
-62.5°	381.4	393.0	401.5	408.5	415.0	420.6	427.3	432.8	437.0	440.9	445.2
-65°	341.2	352.8	360.4	366.3	370.8	375.8	384.0	390.5	395.5	399.4	403.0
-67.5°	300.5	311.5	319.1	325.4	330.2	335.3	342.6	349.1	354.9	358.9	361.4
-70°	259.1	269.6	277.9	284.7	290.1	295.2	301.0	306.5	311.7	314.6	315.7
-72.5°	217.7	226.7	234.7	242.0	248.2	253.3	257.8	261.7	265.0	267.1	268.3
-75°	178.0	185.3	192.1	198.4	204.3	209.3	213.6	217.2	220.1	221.5	222.3
-77.5°	140.3	145.8	150.6	155.2	159.6	164.0	167.9	171.4	174.5	175.2	175.1
-80°	104.8	108.5	111.7	114.6	117.2	120.1	122.9	125.4	127.5	128.7	129.4
-82.5°	71.1	73.4	75.3	77.1	78.7	80.9	82.9	84.7	86.2	87.3	88.2
-85°	40.4	41.3	42.1	42.8	43.3	45.2	47.1	48.8	50.4	50.4	50.2
-87.5°	15.2	15.0	14.8	14.4	14.1	15.0	16.0	17.0	18.0	17.4	16.8
-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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	15.4	15.5	15.5	15.5	15.4	16.1	16.8	17.4	18.0	17.0
85°	49.9	49.4	48.1	46.6	48.1	49.4	49.9	50.2	50.4	50.4	48.8
82.5°	89.0	89.5	88.3	86.9	88.3	89.5	89.0	88.2	87.3	86.2	84.7
80°	129.8	129.8	128.7	127.3	128.7	129.8	129.8	129.4	128.7	127.5	125.4
77.5°	174.3	173.1	173.6	173.8	173.6	173.1	174.3	175.1	175.2	174.5	171.4
75°	222.6	222.4	221.7	220.4	221.7	222.4	222.6	222.3	221.5	220.1	217.2
72.5°	268.9	268.9	268.2	266.9	268.2	268.9	268.9	268.3	267.1	265.0	261.7
70°	316.0	315.4	316.2	316.6	316.2	315.4	316.0	315.7	314.6	311.7	306.5
67.5°	363.3	364.5	364.3	363.1	364.3	364.5	363.3	361.4	358.9	354.9	349.1
65°	405.8	407.9	409.2	409.7	409.2	407.9	405.8	403.0	399.4	395.5	390.5
62.5°	448.7	451.1	451.3	450.0	451.3	451.1	448.7	445.2	440.9	437.0	432.8
60°	482.7	483.1	482.5	481.1	482.5	483.1	482.7	481.2	478.5	475.3	471.8
57.5°	509.4	508.5	507.4	505.9	507.4	508.5	509.4	509.4	508.5	506.1	503.0
55°	538.1	536.5	535.3	533.8	535.3	536.5	538.1	538.5	537.7	534.5	530.3
52.5°	574.1	573.3	572.4	571.1	572.4	573.3	574.1	573.6	571.6	566.8	560.9
50°	624.2	624.9	624.9	623.8	624.9	624.9	624.2	621.5	616.2	607.9	597.7
47.5°	702.1	706.2	709.0	710.7	709.0	706.2	702.1	694.7	683.0	667.1	648.3
45°	818.9	827.2	833.1	838.0	833.1	827.2	818.9	805.0	783.2	755.8	725.6
42.5°	999.1	1017.7	1026.4	1024.2	1026.4	1017.7	999.1	971.8	933.0	884.9	837.7
40°	1299.7	1329.6	1346.2	1359.4	1346.2	1329.6	1299.7	1249.2	1173.5	1081.9	1009.5
37.5°	1827.6	1885.7	1916.3	1942.9	1916.3	1885.7	1827.6	1726.4	1578.1	1401.8	1287.0
35°	2742.0	2872.7	2942.7	2967.1	2942.7	2872.7	2742.0	2529.7	2245.6	1948.3	1738.7
32.5°	4208.8	4450.1	4583.5	4686.6	4583.5	4450.1	4208.8	3813.1	3304.6	2833.4	2440.5
30°	6024.3	6342.1	6518.6	6604.7	6518.6	6342.1	6024.3	5507.5	4854.9	4192.6	3479.3
27.5°	7885.4	8246.6	8436.8	8426.5	8436.8	8246.6	7885.4	7318.1	6633.8	5813.3	4890.2
25°	9728.4	10146.8	10336.3	10506.0	10336.3	10146.8	9728.4	9080.2	8324.1	7465.0	6472.3
22.5°	11592.4	12081.6	12348.6	12473.8	12348.6	12081.6	11592.4	10867.9	10049.4	9092.8	8033.9
20°	13434.2	13978.8	14262.3	14385.6	14262.3	13978.8	13434.2	12723.3	11800.8	10716.2	9550.2
17.5°	15067.8	15599.4	15869.5	15984.0	15869.5	15599.4	15067.8	14415.3	13451.5	12303.8	10980.9
15°	16372.1	16764.3	16994.0	17054.8	16994.0	16764.3	16372.1	15811.3	14905.2	13727.6	12352.4
12.5°	17273.7	17425.7	17536.1	17570.0	17536.1	17425.7	17273.7	16806.0	16100.6	14936.0	13536.4
10°	17734.7	17666.1	17637.8	17641.4	17637.8	17666.1	17734.7	17392.6	16791.5	15865.1	14565.7
7.5°	17703.0	17601.5	17397.7	17365.2	17397.7	17601.5	17703.0	17623.1	17204.6	16430.9	15232.8
5°	17448.7	17263.9	16925.5	16828.3	16925.5	17263.9	17448.7	17480.1	17270.0	16695.2	15659.6
2.5°	17152.2	16819.1	16507.4	16306.8	16507.4	16819.1	17152.2	17290.8	17254.6	16873.6	15995.0
0°	17064.1	16679.3	16275.8	16145.4	16275.8	16679.3	17064.1	17247.3	17253.5	16940.0	16133.0
-2.5°	17152.2	16819.1	16507.4	16306.8	16507.4	16819.1	17152.2	17290.8	17254.6	16873.6	15995.0
-5°	17448.7	17263.9	16925.5	16828.3	16925.5	17263.9	17448.7	17480.1	17270.0	16695.2	15659.6
-7.5°	17703.0	17601.5	17397.7	17365.2	17397.7	17601.5	17703.0	17623.1	17204.6	16430.9	15232.8
-10°	17734.7	17666.1	17637.8	17641.4	17637.8	17666.1	17734.7	17392.6	16791.5	15865.1	14565.7
-12.5°	17273.7	17425.7	17536.1	17570.0	17536.1	17425.7	17273.7	16806.0	16100.6	14936.0	13536.4
-15°	16372.1	16764.3	16994.0	17054.8	16994.0	16764.3	16372.1	15811.3	14905.2	13727.6	12352.4
-17.5°	15067.8	15599.4	15869.5	15984.0	15869.5	15599.4	15067.8	14415.3	13451.5	12303.8	10980.9
-20°	13434.2	13978.8	14262.3	14385.6	14262.3	13978.8	13434.2	12723.3	11800.8	10716.2	9550.2



REPORT NUMBER: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11592.4	12081.6	12348.6	12473.8	12348.6	12081.6	11592.4	10867.9	10049.4	9092.8	8033.9
-25°	9728.4	10146.8	10336.3	10506.0	10336.3	10146.8	9728.4	9080.2	8324.1	7465.0	6472.3
-27.5°	7885.4	8246.6	8436.8	8426.5	8436.8	8246.6	7885.4	7318.1	6633.8	5813.3	4890.2
-30°	6024.3	6342.1	6518.6	6604.7	6518.6	6342.1	6024.3	5507.5	4854.9	4192.6	3479.3
-32.5°	4208.8	4450.1	4583.5	4686.6	4583.5	4450.1	4208.8	3813.1	3304.6	2833.4	2440.5
-35°	2742.0	2872.7	2942.7	2967.1	2942.7	2872.7	2742.0	2529.7	2245.6	1948.3	1738.7
-37.5°	1827.6	1885.7	1916.3	1942.9	1916.3	1885.7	1827.6	1726.4	1578.1	1401.8	1287.0
-40°	1299.7	1329.6	1346.2	1359.4	1346.2	1329.6	1299.7	1249.2	1173.5	1081.9	1009.5
-42.5°	999.1	1017.7	1026.4	1024.2	1026.4	1017.7	999.1	971.8	933.0	884.9	837.7
-45°	818.9	827.2	833.1	838.0	833.1	827.2	818.9	805.0	783.2	755.8	725.6
-47.5°	702.1	706.2	709.0	710.7	709.0	706.2	702.1	694.7	683.0	667.1	648.3
-50°	624.2	624.9	624.9	623.8	624.9	624.9	624.2	621.5	616.2	607.9	597.7
-52.5°	574.1	573.3	572.4	571.1	572.4	573.3	574.1	573.6	571.6	566.8	560.9
-55°	538.1	536.5	535.3	533.8	535.3	536.5	538.1	538.5	537.7	534.5	530.3
-57.5°	509.4	508.5	507.4	505.9	507.4	508.5	509.4	509.4	508.5	506.1	503.0
-60°	482.7	483.1	482.5	481.1	482.5	483.1	482.7	481.2	478.5	475.3	471.8
-62.5°	448.7	451.1	451.3	450.0	451.3	451.1	448.7	445.2	440.9	437.0	432.8
-65°	405.8	407.9	409.2	409.7	409.2	407.9	405.8	403.0	399.4	395.5	390.5
-67.5°	363.3	364.5	364.3	363.1	364.3	364.5	363.3	361.4	358.9	354.9	349.1
-70°	316.0	315.4	316.2	316.6	316.2	315.4	316.0	315.7	314.6	311.7	306.5
-72.5°	268.9	268.9	268.2	266.9	268.2	268.9	268.9	268.3	267.1	265.0	261.7
-75°	222.6	222.4	221.7	220.4	221.7	222.4	222.6	222.3	221.5	220.1	217.2
-77.5°	174.3	173.1	173.6	173.8	173.6	173.1	174.3	175.1	175.2	174.5	171.4
-80°	129.8	129.8	128.7	127.3	128.7	129.8	129.8	129.4	128.7	127.5	125.4
-82.5°	89.0	89.5	88.3	86.9	88.3	89.5	89.0	88.2	87.3	86.2	84.7
-85°	49.9	49.4	48.1	46.6	48.1	49.4	49.9	50.2	50.4	50.4	48.8
-87.5°	16.1	15.4	15.5	15.5	15.5	15.4	16.1	16.8	17.4	18.0	17.0
-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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.0	15.0	14.1	14.4	14.8	15.0	15.2	14.8	14.2	13.7	13.2
85°	47.1	45.2	43.3	42.8	42.1	41.3	40.4	38.6	36.8	34.8	32.7
82.5°	82.9	80.9	78.7	77.1	75.3	73.4	71.1	67.7	64.2	60.7	57.2
80°	122.9	120.1	117.2	114.6	111.7	108.5	104.8	99.5	93.9	88.5	83.3
77.5°	167.9	164.0	159.6	155.2	150.6	145.8	140.3	133.7	126.9	119.8	112.7
75°	213.6	209.3	204.3	198.4	192.1	185.3	178.0	169.9	161.4	152.6	143.6
72.5°	257.8	253.3	248.2	242.0	234.7	226.7	217.7	207.8	197.4	186.5	175.8
70°	301.0	295.2	290.1	284.7	277.9	269.6	259.1	247.2	234.7	222.1	209.7
67.5°	342.6	335.3	330.2	325.4	319.1	311.5	300.5	287.7	273.7	259.0	244.5
65°	384.0	375.8	370.8	366.3	360.4	352.8	341.2	328.1	313.4	297.0	280.0
62.5°	427.3	420.6	415.0	408.5	401.5	393.0	381.4	367.7	352.8	335.6	315.9
60°	467.7	462.8	454.1	446.0	438.8	429.9	416.1	403.0	390.9	371.1	349.9
57.5°	499.2	493.4	485.3	476.9	468.3	456.9	444.5	432.1	418.0	401.4	381.7
55°	525.3	518.9	511.3	503.1	493.8	481.0	468.3	455.0	441.4	427.5	408.3
52.5°	554.1	547.0	538.1	527.1	516.4	503.9	489.6	475.5	462.7	448.6	432.8
50°	588.1	579.6	569.4	557.8	543.3	527.7	512.7	496.3	483.0	469.1	453.1
47.5°	634.0	619.9	604.8	591.0	573.2	554.4	537.1	520.2	504.4	489.5	473.1
45°	702.9	676.4	647.9	628.9	606.3	584.8	562.6	543.6	525.5	508.7	493.3
42.5°	801.8	759.7	720.8	682.9	646.7	620.3	592.7	569.1	547.2	527.2	509.2
40°	944.7	872.0	818.5	758.7	710.1	663.7	628.4	596.2	570.9	547.2	525.3
37.5°	1160.5	1040.4	951.3	858.0	790.3	725.7	671.3	629.4	595.0	567.6	542.1
35°	1494.3	1307.0	1140.0	1008.0	888.1	803.1	727.1	668.4	624.4	588.5	558.8
32.5°	2016.1	1718.9	1415.7	1220.6	1035.6	896.7	798.9	718.2	655.8	613.1	577.4
30°	2827.5	2303.6	1857.6	1493.7	1239.9	1027.7	878.9	780.1	700.3	638.0	596.2
27.5°	4005.4	3087.4	2463.5	1896.3	1486.7	1207.9	994.8	846.4	747.2	672.8	617.8
25°	5380.3	4281.5	3213.1	2445.9	1842.9	1411.8	1130.1	939.3	805.2	709.2	636.9
22.5°	6829.4	5540.9	4260.3	3065.8	2284.7	1709.9	1304.8	1032.9	860.0	747.9	664.5
20°	8267.2	6812.3	5353.4	3987.4	2822.6	2001.8	1494.8	1157.2	936.5	791.2	690.7
17.5°	9588.6	8060.1	6461.8	4882.4	3485.1	2445.7	1735.7	1282.9	1003.2	829.8	713.4
15°	10840.0	9226.3	7540.2	5832.0	4193.2	2836.6	1940.9	1392.3	1072.6	874.5	743.1
12.5°	11973.3	10273.5	8499.4	6648.2	4821.9	3274.7	2214.7	1553.7	1157.9	921.0	771.0
10°	12962.5	11147.6	9257.3	7334.1	5429.5	3728.3	2473.5	1691.3	1231.7	959.5	793.9
7.5°	13673.0	11835.9	9859.6	7888.5	5923.7	4118.1	2693.5	1800.2	1289.7	989.0	811.6
5°	14195.4	12372.6	10361.6	8339.0	6290.6	4409.5	2857.9	1876.9	1331.1	1009.4	823.8
2.5°	14553.7	12712.2	10697.6	8634.6	6503.5	4580.6	2962.6	1918.1	1350.8	1025.4	830.6
0°	14655.7	12809.0	10782.2	8789.7	6536.4	4602.8	3004.4	1924.3	1350.1	1033.5	831.8
-2.5°	14553.7	12712.2	10697.6	8634.6	6503.5	4580.6	2962.6	1918.1	1350.8	1025.4	830.6
-5°	14195.4	12372.6	10361.6	8339.0	6290.6	4409.5	2857.9	1876.9	1331.1	1009.4	823.8
-7.5°	13673.0	11835.9	9859.6	7888.5	5923.7	4118.1	2693.5	1800.2	1289.7	989.0	811.6
-10°	12962.5	11147.6	9257.3	7334.1	5429.5	3728.3	2473.5	1691.3	1231.7	959.5	793.9
-12.5°	11973.3	10273.5	8499.4	6648.2	4821.9	3274.7	2214.7	1553.7	1157.9	921.0	771.0
-15°	10840.0	9226.3	7540.2	5832.0	4193.2	2836.6	1940.9	1392.3	1072.6	874.5	743.1
-17.5°	9588.6	8060.1	6461.8	4882.4	3485.1	2445.7	1735.7	1282.9	1003.2	829.8	713.4
-20°	8267.2	6812.3	5353.4	3987.4	2822.6	2001.8	1494.8	1157.2	936.5	791.2	690.7



REPORT NUMBER: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6829.4	5540.9	4260.3	3065.8	2284.7	1709.9	1304.8	1032.9	860.0	747.9	664.5
-25°	5380.3	4281.5	3213.1	2445.9	1842.9	1411.8	1130.1	939.3	805.2	709.2	636.9
-27.5°	4005.4	3087.4	2463.5	1896.3	1486.7	1207.9	994.8	846.4	747.2	672.8	617.8
-30°	2827.5	2303.6	1857.6	1493.7	1239.9	1027.7	878.9	780.1	700.3	638.0	596.2
-32.5°	2016.1	1718.9	1415.7	1220.6	1035.6	896.7	798.9	718.2	655.8	613.1	577.4
-35°	1494.3	1307.0	1140.0	1008.0	888.1	803.1	727.1	668.4	624.4	588.5	558.8
-37.5°	1160.5	1040.4	951.3	858.0	790.3	725.7	671.3	629.4	595.0	567.6	542.1
-40°	944.7	872.0	818.5	758.7	710.1	663.7	628.4	596.2	570.9	547.2	525.3
-42.5°	801.8	759.7	720.8	682.9	646.7	620.3	592.7	569.1	547.2	527.2	509.2
-45°	702.9	676.4	647.9	628.9	606.3	584.8	562.6	543.6	525.5	508.7	493.3
-47.5°	634.0	619.9	604.8	591.0	573.2	554.4	537.1	520.2	504.4	489.5	473.1
-50°	588.1	579.6	569.4	557.8	543.3	527.7	512.7	496.3	483.0	469.1	453.1
-52.5°	554.1	547.0	538.1	527.1	516.4	503.9	489.6	475.5	462.7	448.6	432.8
-55°	525.3	518.9	511.3	503.1	493.8	481.0	468.3	455.0	441.4	427.5	408.3
-57.5°	499.2	493.4	485.3	476.9	468.3	456.9	444.5	432.1	418.0	401.4	381.7
-60°	467.7	462.8	454.1	446.0	438.8	429.9	416.1	403.0	390.9	371.1	349.9
-62.5°	427.3	420.6	415.0	408.5	401.5	393.0	381.4	367.7	352.8	335.6	315.9
-65°	384.0	375.8	370.8	366.3	360.4	352.8	341.2	328.1	313.4	297.0	280.0
-67.5°	342.6	335.3	330.2	325.4	319.1	311.5	300.5	287.7	273.7	259.0	244.5
-70°	301.0	295.2	290.1	284.7	277.9	269.6	259.1	247.2	234.7	222.1	209.7
-72.5°	257.8	253.3	248.2	242.0	234.7	226.7	217.7	207.8	197.4	186.5	175.8
-75°	213.6	209.3	204.3	198.4	192.1	185.3	178.0	169.9	161.4	152.6	143.6
-77.5°	167.9	164.0	159.6	155.2	150.6	145.8	140.3	133.7	126.9	119.8	112.7
-80°	122.9	120.1	117.2	114.6	111.7	108.5	104.8	99.5	93.9	88.5	83.3
-82.5°	82.9	80.9	78.7	77.1	75.3	73.4	71.1	67.7	64.2	60.7	57.2
-85°	47.1	45.2	43.3	42.8	42.1	41.3	40.4	38.6	36.8	34.8	32.7
-87.5°	16.0	15.0	14.1	14.4	14.8	15.0	15.2	14.8	14.2	13.7	13.2
-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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	12.0	11.3	10.7	10.0	9.3	8.6	7.9	6.8	5.8	4.9
85°	30.6	28.3	26.0	23.6	21.1	18.6	17.2	15.7	13.6	11.6	9.8
82.5°	53.7	50.2	46.7	43.1	38.9	34.8	30.8	26.8	22.4	17.8	14.6
80°	78.6	73.8	68.7	63.4	57.3	50.9	45.3	39.8	34.5	28.8	22.8
77.5°	105.8	98.7	91.2	84.5	77.5	70.0	62.0	53.7	46.5	39.8	32.7
75°	134.8	126.1	117.2	108.0	98.6	89.0	79.9	70.3	60.7	51.0	42.5
72.5°	165.5	154.8	143.7	132.3	121.3	110.0	98.4	86.8	75.6	64.3	52.7
70°	197.1	184.0	171.0	158.2	144.8	130.8	117.6	104.0	90.4	77.4	64.3
67.5°	229.4	214.6	199.3	184.2	169.2	153.6	137.0	121.1	105.6	90.3	75.6
65°	263.2	245.8	227.9	210.7	193.6	176.4	158.3	138.5	120.5	103.4	86.8
62.5°	296.5	277.5	257.4	237.0	217.5	198.5	179.2	157.2	135.4	116.2	97.8
60°	328.9	307.5	285.9	263.3	241.1	219.9	198.5	175.4	151.7	128.6	108.6
57.5°	358.6	336.1	311.9	288.1	264.2	240.7	217.1	192.6	167.4	142.2	119.0
55°	386.4	362.0	336.7	311.0	285.9	260.8	235.2	209.1	182.6	155.6	129.3
52.5°	412.5	387.0	360.2	332.9	305.7	279.8	252.8	225.1	197.0	168.5	140.5
50°	435.3	411.3	383.0	354.1	324.8	297.4	269.8	240.6	210.9	181.0	151.5
47.5°	454.5	432.4	405.1	374.7	343.8	314.6	285.8	255.5	224.4	192.9	162.0
45°	473.2	451.9	425.5	394.5	362.6	331.7	301.2	269.9	237.3	204.5	172.1
42.5°	490.8	469.6	444.8	413.5	380.6	348.2	316.2	283.5	249.7	215.5	181.6
40°	505.8	485.0	463.0	431.8	397.5	363.7	330.4	296.7	261.5	225.9	190.7
37.5°	520.3	499.1	476.5	449.0	413.5	378.3	343.7	309.3	273.0	236.0	199.2
35°	534.5	512.4	488.5	462.4	428.2	392.0	356.2	321.0	283.7	245.6	207.2
32.5°	547.1	524.4	499.6	473.2	441.8	404.5	367.7	331.3	293.6	254.8	214.6
30°	562.1	534.5	509.5	483.9	453.5	416.1	378.4	340.9	302.8	263.4	221.6
27.5°	576.5	544.2	518.5	492.7	462.7	426.5	388.3	349.8	311.2	271.2	228.5
25°	590.3	555.3	526.7	500.1	471.4	436.5	397.4	358.0	318.6	278.0	234.8
22.5°	606.3	565.4	534.5	506.5	479.8	445.5	405.6	365.4	325.1	284.2	240.6
20°	620.6	573.8	541.6	512.6	486.1	452.3	412.9	372.0	331.0	289.6	245.9
17.5°	634.5	583.3	548.6	518.4	490.8	458.3	419.3	377.7	336.1	294.3	250.5
15°	653.7	594.2	554.7	523.4	494.8	463.4	424.8	382.7	340.5	298.3	254.7
12.5°	670.2	603.3	559.7	527.4	498.1	467.7	429.4	386.8	344.1	301.8	258.4
10°	683.6	610.5	563.6	530.6	500.5	471.0	433.0	390.2	347.5	304.9	261.5
7.5°	693.7	615.9	566.4	532.8	502.3	473.4	436.3	393.3	350.3	307.3	263.8
5°	700.6	619.5	568.8	534.1	503.2	474.9	438.7	395.5	352.2	309.0	265.5
2.5°	704.2	621.1	570.5	534.4	503.4	475.4	440.2	396.9	353.4	310.1	266.6
0°	704.5	620.7	571.1	533.8	502.8	474.9	440.7	397.3	353.8	310.4	266.9
-2.5°	704.2	621.1	570.5	534.4	503.4	475.4	440.2	396.9	353.4	310.1	266.6
-5°	700.6	619.5	568.8	534.1	503.2	474.9	438.7	395.5	352.2	309.0	265.5
-7.5°	693.7	615.9	566.4	532.8	502.3	473.4	436.3	393.3	350.3	307.3	263.8
-10°	683.6	610.5	563.6	530.6	500.5	471.0	433.0	390.2	347.5	304.9	261.5
-12.5°	670.2	603.3	559.7	527.4	498.1	467.7	429.4	386.8	344.1	301.8	258.4
-15°	653.7	594.2	554.7	523.4	494.8	463.4	424.8	382.7	340.5	298.3	254.7
-17.5°	634.5	583.3	548.6	518.4	490.8	458.3	419.3	377.7	336.1	294.3	250.5
-20°	620.6	573.8	541.6	512.6	486.1	452.3	412.9	372.0	331.0	289.6	245.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	606.3	565.4	534.5	506.5	479.8	445.5	405.6	365.4	325.1	284.2	240.6
-25°	590.3	555.3	526.7	500.1	471.4	436.5	397.4	358.0	318.6	278.0	234.8
-27.5°	576.5	544.2	518.5	492.7	462.7	426.5	388.3	349.8	311.2	271.2	228.5
-30°	562.1	534.5	509.5	483.9	453.5	416.1	378.4	340.9	302.8	263.4	221.6
-32.5°	547.1	524.4	499.6	473.2	441.8	404.5	367.7	331.3	293.6	254.8	214.6
-35°	534.5	512.4	488.5	462.4	428.2	392.0	356.2	321.0	283.7	245.6	207.2
-37.5°	520.3	499.1	476.5	449.0	413.5	378.3	343.7	309.3	273.0	236.0	199.2
-40°	505.8	485.0	463.0	431.8	397.5	363.7	330.4	296.7	261.5	225.9	190.7
-42.5°	490.8	469.6	444.8	413.5	380.6	348.2	316.2	283.5	249.7	215.5	181.6
-45°	473.2	451.9	425.5	394.5	362.6	331.7	301.2	269.9	237.3	204.5	172.1
-47.5°	454.5	432.4	405.1	374.7	343.8	314.6	285.8	255.5	224.4	192.9	162.0
-50°	435.3	411.3	383.0	354.1	324.8	297.4	269.8	240.6	210.9	181.0	151.5
-52.5°	412.5	387.0	360.2	332.9	305.7	279.8	252.8	225.1	197.0	168.5	140.5
-55°	386.4	362.0	336.7	311.0	285.9	260.8	235.2	209.1	182.6	155.6	129.3
-57.5°	358.6	336.1	311.9	288.1	264.2	240.7	217.1	192.6	167.4	142.2	119.0
-60°	328.9	307.5	285.9	263.3	241.1	219.9	198.5	175.4	151.7	128.6	108.6
-62.5°	296.5	277.5	257.4	237.0	217.5	198.5	179.2	157.2	135.4	116.2	97.8
-65°	263.2	245.8	227.9	210.7	193.6	176.4	158.3	138.5	120.5	103.4	86.8
-67.5°	229.4	214.6	199.3	184.2	169.2	153.6	137.0	121.1	105.6	90.3	75.6
-70°	197.1	184.0	171.0	158.2	144.8	130.8	117.6	104.0	90.4	77.4	64.3
-72.5°	165.5	154.8	143.7	132.3	121.3	110.0	98.4	86.8	75.6	64.3	52.7
-75°	134.8	126.1	117.2	108.0	98.6	89.0	79.9	70.3	60.7	51.0	42.5
-77.5°	105.8	98.7	91.2	84.5	77.5	70.0	62.0	53.7	46.5	39.8	32.7
-80°	78.6	73.8	68.7	63.4	57.3	50.9	45.3	39.8	34.5	28.8	22.8
-82.5°	53.7	50.2	46.7	43.1	38.9	34.8	30.8	26.8	22.4	17.8	14.6
-85°	30.6	28.3	26.0	23.6	21.1	18.6	17.2	15.7	13.6	11.6	9.8
-87.5°	12.6	12.0	11.3	10.7	10.0	9.3	8.6	7.9	6.8	5.8	4.9
-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: P626997 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
80°	16.5	13.4	10.7	8.1	5.4	2.7	0.0
77.5°	25.2	18.0	13.4	10.0	6.7	3.4	0.0
75°	33.8	25.2	16.5	12.0	8.0	4.0	0.0
72.5°	42.4	32.3	22.2	13.9	9.3	4.7	0.0
70°	51.0	39.4	27.9	16.3	10.6	5.3	0.0
67.5°	60.6	46.3	33.4	20.5	11.9	5.9	0.0
65°	70.1	53.6	38.9	24.6	13.1	6.5	0.0
62.5°	79.4	61.2	44.2	28.6	14.3	7.2	0.0
60°	88.4	68.6	49.4	32.5	15.5	7.7	0.0
57.5°	97.4	75.8	55.1	36.3	18.0	8.3	0.0
55°	106.3	82.8	60.6	40.0	20.4	8.9	0.0
52.5°	114.9	89.6	66.0	43.6	22.8	9.4	0.0
50°	123.4	96.7	71.1	47.1	25.0	10.0	0.0
47.5°	131.7	103.5	76.1	50.6	27.2	10.5	0.0
45°	140.3	110.2	80.8	54.1	29.3	11.0	0.0
42.5°	148.4	116.5	85.3	57.5	31.2	11.4	0.0
40°	156.2	122.6	89.8	60.6	33.1	11.9	0.0
37.5°	163.5	128.5	94.5	63.5	34.8	12.3	0.0
35°	170.3	134.1	98.9	66.2	36.5	12.7	0.0
32.5°	176.7	139.5	103.0	68.8	38.0	13.1	0.0
30°	182.6	144.5	106.9	71.1	39.4	13.4	0.0
27.5°	188.1	149.1	110.4	73.3	40.7	13.7	0.0
25°	193.0	153.2	113.5	75.3	41.8	14.0	0.0
22.5°	197.4	157.0	116.3	77.0	42.9	14.3	0.0
20°	201.3	160.1	118.8	78.6	43.8	14.6	0.0
17.5°	204.9	162.9	121.1	80.0	44.6	14.8	0.0
15°	208.1	165.2	122.9	81.2	45.2	15.0	0.0
12.5°	210.8	167.2	124.5	82.2	45.8	15.1	0.0
10°	213.1	168.7	125.7	82.9	46.2	15.3	0.0
7.5°	214.9	169.8	126.6	83.5	46.5	15.4	0.0
5°	216.2	170.5	127.2	83.8	46.6	15.4	0.0
2.5°	217.0	170.8	127.4	83.9	46.7	15.5	0.0
0°	217.3	170.7	127.3	83.8	46.6	15.5	0.0
-2.5°	217.0	170.8	127.4	83.9	46.7	15.5	0.0
-5°	216.2	170.5	127.2	83.8	46.6	15.4	0.0
-7.5°	214.9	169.8	126.6	83.5	46.5	15.4	0.0
-10°	213.1	168.7	125.7	82.9	46.2	15.3	0.0
-12.5°	210.8	167.2	124.5	82.2	45.8	15.1	0.0
-15°	208.1	165.2	122.9	81.2	45.2	15.0	0.0
-17.5°	204.9	162.9	121.1	80.0	44.6	14.8	0.0
-20°	201.3	160.1	118.8	78.6	43.8	14.6	0.0

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.4	157.0	116.3	77.0	42.9	14.3	0.0
-25°	193.0	153.2	113.5	75.3	41.8	14.0	0.0
-27.5°	188.1	149.1	110.4	73.3	40.7	13.7	0.0
-30°	182.6	144.5	106.9	71.1	39.4	13.4	0.0
-32.5°	176.7	139.5	103.0	68.8	38.0	13.1	0.0
-35°	170.3	134.1	98.9	66.2	36.5	12.7	0.0
-37.5°	163.5	128.5	94.5	63.5	34.8	12.3	0.0
-40°	156.2	122.6	89.8	60.6	33.1	11.9	0.0
-42.5°	148.4	116.5	85.3	57.5	31.2	11.4	0.0
-45°	140.3	110.2	80.8	54.1	29.3	11.0	0.0
-47.5°	131.7	103.5	76.1	50.6	27.2	10.5	0.0
-50°	123.4	96.7	71.1	47.1	25.0	10.0	0.0
-52.5°	114.9	89.6	66.0	43.6	22.8	9.4	0.0
-55°	106.3	82.8	60.6	40.0	20.4	8.9	0.0
-57.5°	97.4	75.8	55.1	36.3	18.0	8.3	0.0
-60°	88.4	68.6	49.4	32.5	15.5	7.7	0.0
-62.5°	79.4	61.2	44.2	28.6	14.3	7.2	0.0
-65°	70.1	53.6	38.9	24.6	13.1	6.5	0.0
-67.5°	60.6	46.3	33.4	20.5	11.9	5.9	0.0
-70°	51.0	39.4	27.9	16.3	10.6	5.3	0.0
-72.5°	42.4	32.3	22.2	13.9	9.3	4.7	0.0
-75°	33.8	25.2	16.5	12.0	8.0	4.0	0.0
-77.5°	25.2	18.0	13.4	10.0	6.7	3.4	0.0
-80°	16.5	13.4	10.7	8.1	5.4	2.7	0.0
-82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
-85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
-87.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)