

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-MWR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626957 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-727-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N41  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12340.4 lumens  
Efficiency: N/A  
Efficacy: 113.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 14499.4 candela  
Max Intensity Angle: 7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 8190.8 lumens  
Beam Efficiency: 66.4%

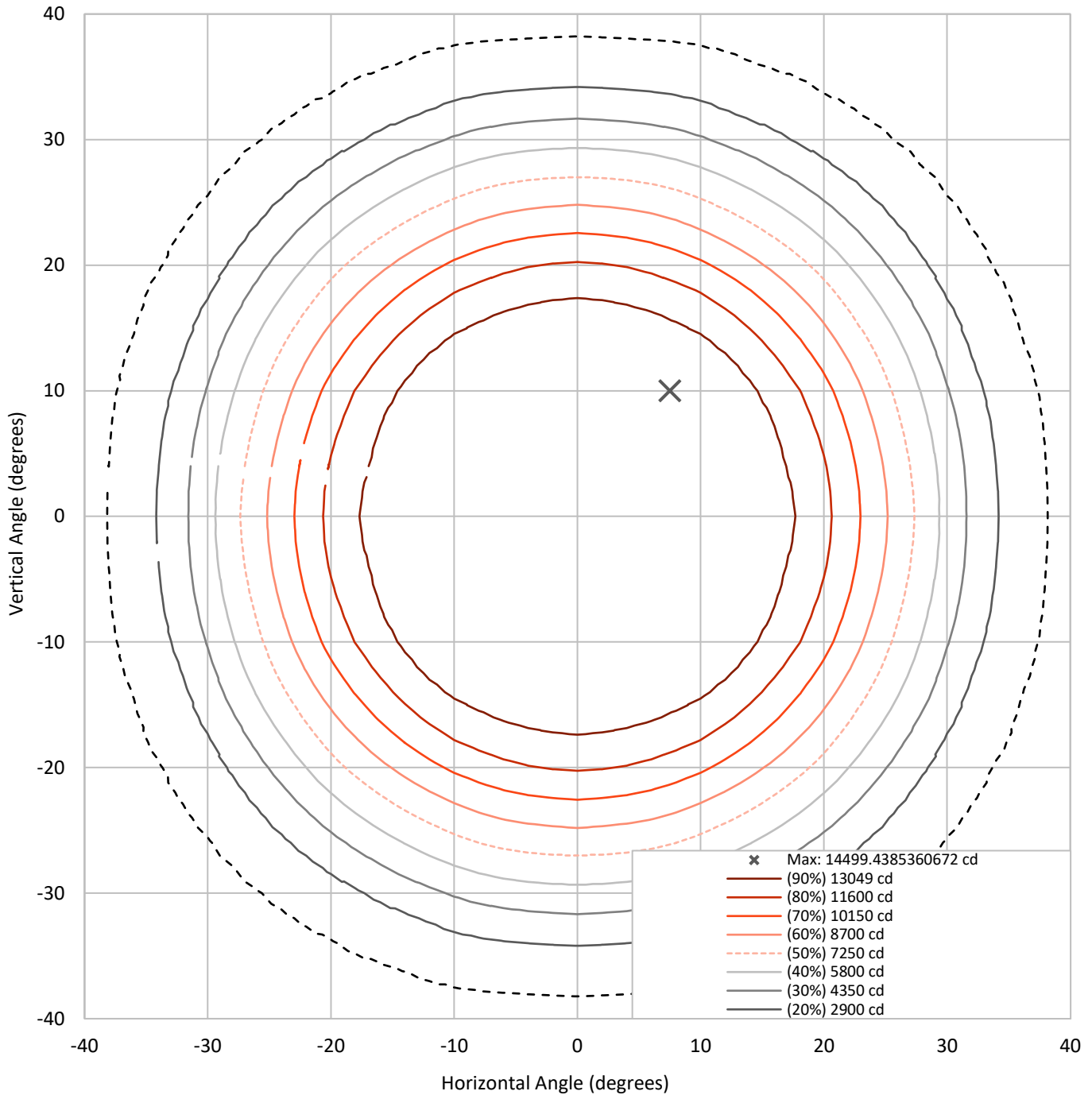
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 10650.4 lumens  
Field Efficiency: 86.3%

Input Watts (W): 108.74  
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





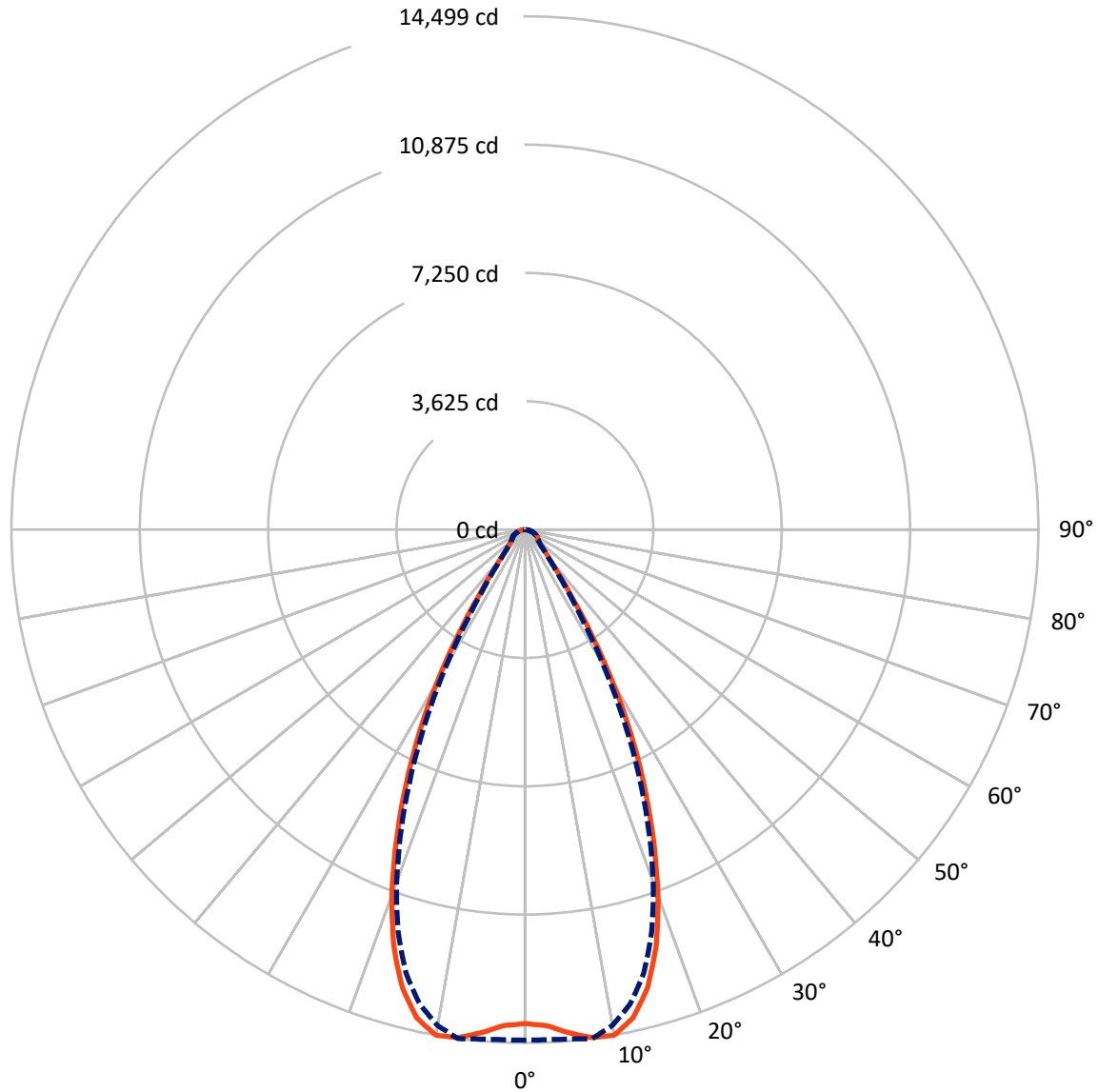
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### Lumen Table

90																			
80	0.3	2.9		7.7		12.3		13.7		12.3		7.7		2.9		0.3			
70																			
60	1.3	1.5	3.0	4.9	6.9	8.4	9.5	10.0	10.0	9.5	8.4	6.9	4.9	3.0	1.5	1.3			
50		2.2	4.5	7.1	9.5	11.5	12.9	13.4	13.4	12.9	11.5	9.5	7.1	4.5	2.2				
40	2.3	2.9	5.6	8.6	11.6	15.1	19.0	21.8	21.8	19.0	15.1	11.6	8.6	5.6	2.9	2.3			
30		3.4	6.5	9.9	15.4	28.0	53.7	79.6	79.6	53.7	28.0	15.4	9.9	6.5	3.4				
20	3.0	3.8	7.1	11.6	25.3	79.2	177.7	248.2	248.2	177.7	79.2	25.3	11.6	7.1	3.8	3.0			
10		4.1	7.5	13.8	45.7	168.9	322.5	403.6	403.6	322.5	168.9	45.7	13.8	7.5	4.1				
0	3.2	4.2	7.7	15.5	65.8	231.1	391.3	425.7	425.7	391.3	231.1	65.8	15.5	7.7	4.2	3.2			
-10		4.2	7.7	15.5	65.8	231.1	391.3	425.7	425.7	391.3	231.1	65.8	15.5	7.7	4.2				
-20	3.0	4.1	7.5	13.8	45.7	168.9	322.5	403.6	403.6	322.5	168.9	45.7	13.8	7.5	4.1	3.0			
-30		3.8	7.1	11.6	25.3	79.2	177.7	248.2	248.2	177.7	79.2	25.3	11.6	7.1	3.8				
-40	2.3	3.4	6.5	9.9	15.4	28.0	53.7	79.6	79.6	53.7	28.0	15.4	9.9	6.5	3.4	2.3			
-50		2.9	5.6	8.6	11.6	15.1	19.0	21.8	21.8	19.0	15.1	11.6	8.6	5.6	2.9				
-60	1.3	2.2	4.5	7.1	9.5	11.5	12.9	13.4	13.4	12.9	11.5	9.5	7.1	4.5	2.2	1.3			
-70		1.5	3.0	4.9	6.9	8.4	9.5	10.0	10.0	9.5	8.4	6.9	4.9	3.0	1.5				
-80	0.3	2.9		7.7		12.3		13.7		12.3		7.7		2.9		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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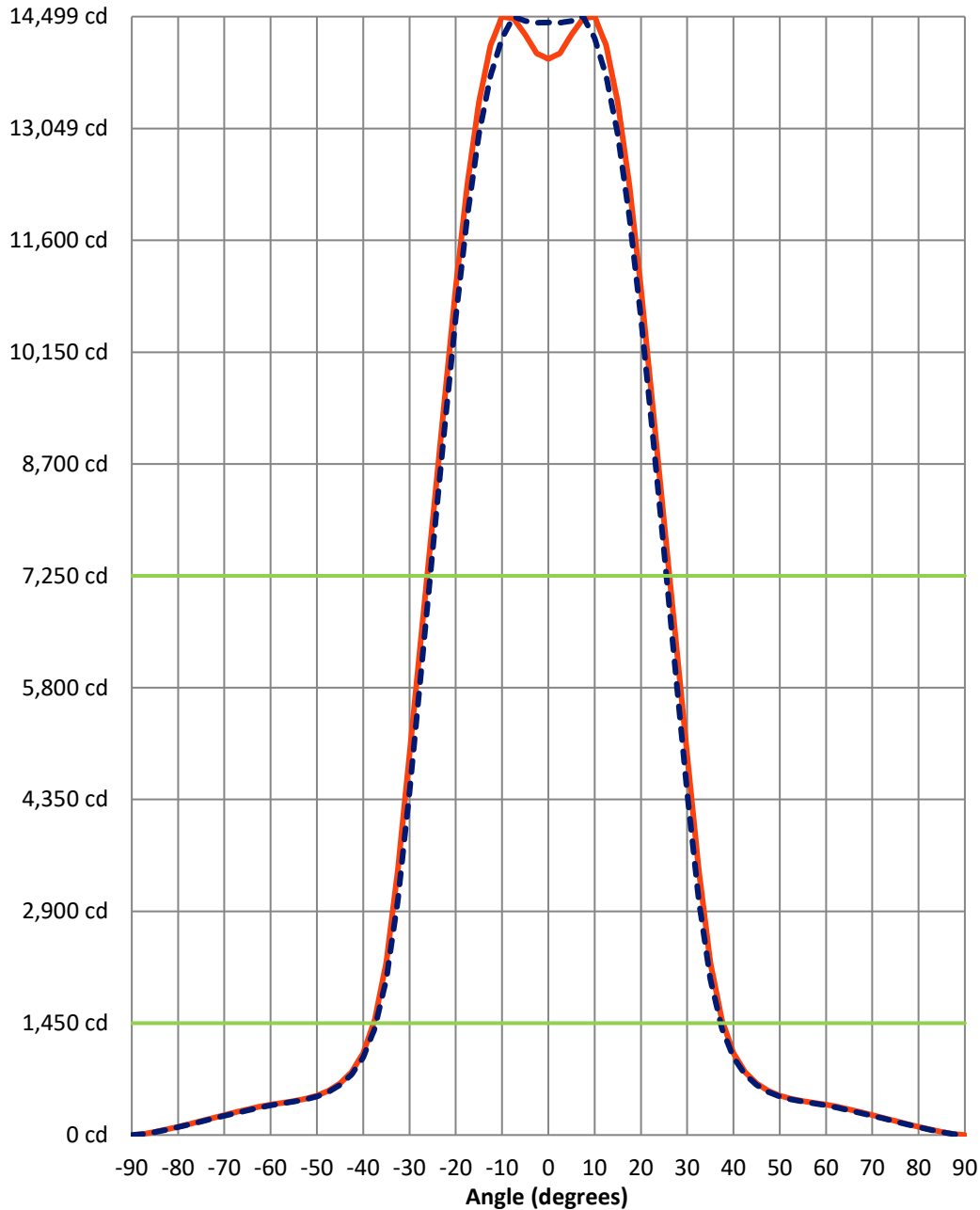
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 8190.8  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 10650.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1690  
 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	0.6	1.1	1.7	2.2	2.7	3.3	4.0	4.8	5.6	6.4
85°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.5	11.1	12.8
82.5°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.5	18.3	21.9
80°	0.0	2.2	4.4	6.6	8.8	10.9	13.5	18.7	23.6	28.2	32.5
77.5°	0.0	2.7	5.5	8.2	10.9	14.8	20.6	26.7	32.5	38.0	43.9
75°	0.0	3.3	6.6	9.8	13.5	20.6	27.7	34.7	41.6	49.6	57.5
72.5°	0.0	3.8	7.6	11.4	18.2	26.4	34.6	43.1	52.5	61.8	71.0
70°	0.0	4.3	8.7	13.4	22.8	32.2	41.6	52.5	63.3	73.9	85.0
67.5°	0.0	4.9	9.7	16.8	27.3	37.8	49.6	61.8	73.9	86.3	99.0
65°	0.0	5.4	10.7	20.1	31.8	43.8	57.3	71.0	84.6	98.5	113.2
62.5°	0.0	5.9	11.7	23.4	36.1	50.0	64.9	80.0	95.0	110.7	128.5
60°	0.0	6.3	12.7	26.6	40.4	56.1	72.3	88.8	105.2	124.0	143.4
57.5°	0.0	6.8	14.7	29.7	45.0	62.0	79.7	97.3	116.2	136.8	157.4
55°	0.0	7.3	16.7	32.7	49.6	67.7	86.9	105.7	127.2	149.2	170.9
52.5°	0.0	7.7	18.6	35.7	53.9	73.3	94.0	114.9	137.8	161.0	184.0
50°	0.0	8.2	20.5	38.5	58.2	79.1	100.9	123.8	147.9	172.4	196.7
47.5°	0.0	8.6	22.2	41.3	62.2	84.7	107.6	132.4	157.7	183.5	208.9
45°	0.0	9.0	23.9	44.2	66.1	90.1	114.7	140.7	167.2	194.0	220.7
42.5°	0.0	9.4	25.5	47.0	69.8	95.3	121.3	148.5	176.1	204.2	231.8
40°	0.0	9.7	27.0	49.5	73.5	100.3	127.7	155.9	184.7	213.9	242.5
37.5°	0.0	10.1	28.5	51.9	77.3	105.0	133.6	162.8	192.9	223.2	252.8
35°	0.0	10.4	29.8	54.1	80.9	109.7	139.2	169.4	200.8	231.9	262.4
32.5°	0.0	10.7	31.1	56.2	84.2	114.0	144.5	175.4	208.3	240.1	270.9
30°	0.0	11.0	32.2	58.2	87.4	118.1	149.3	181.1	215.3	247.5	278.8
27.5°	0.0	11.3	33.2	59.9	90.2	121.9	153.7	186.7	221.7	254.4	286.1
25°	0.0	11.5	34.2	61.6	92.8	125.3	157.8	191.9	227.3	260.4	292.7
22.5°	0.0	11.7	35.0	63.0	95.1	128.3	161.4	196.7	232.3	265.8	298.8
20°	0.0	11.9	35.8	64.3	97.2	130.9	164.6	201.0	236.8	270.6	304.1
17.5°	0.0	12.1	36.4	65.4	98.9	133.2	167.5	204.8	240.6	274.8	308.8
15°	0.0	12.3	37.0	66.4	100.5	135.1	170.1	208.2	243.9	278.4	312.9
12.5°	0.0	12.4	37.4	67.2	101.7	136.7	172.3	211.3	246.8	281.4	316.2
10°	0.0	12.5	37.7	67.8	102.7	138.0	174.2	213.7	249.3	284.2	319.0
7.5°	0.0	12.6	38.0	68.2	103.5	138.9	175.7	215.7	251.3	286.4	321.6
5°	0.0	12.7	38.1	68.5	103.9	139.5	176.7	217.1	252.7	288.0	323.4
2.5°	0.0	12.7	38.2	68.6	104.1	139.7	177.4	217.9	253.5	289.0	324.4
0°	0.0	12.7	38.1	68.5	104.0	139.6	177.6	218.2	253.8	289.3	324.8
-2.5°	0.0	12.7	38.2	68.6	104.1	139.7	177.4	217.9	253.5	289.0	324.4
-5°	0.0	12.7	38.1	68.5	103.9	139.5	176.7	217.1	252.7	288.0	323.4
-7.5°	0.0	12.6	38.0	68.2	103.5	138.9	175.7	215.7	251.3	286.4	321.6
-10°	0.0	12.5	37.7	67.8	102.7	138.0	174.2	213.7	249.3	284.2	319.0
-12.5°	0.0	12.4	37.4	67.2	101.7	136.7	172.3	211.3	246.8	281.4	316.2
-15°	0.0	12.3	37.0	66.4	100.5	135.1	170.1	208.2	243.9	278.4	312.9
-17.5°	0.0	12.1	36.4	65.4	98.9	133.2	167.5	204.8	240.6	274.8	308.8
-20°	0.0	11.9	35.8	64.3	97.2	130.9	164.6	201.0	236.8	270.6	304.1

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REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-727-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	11.7	35.0	63.0	95.1	128.3	161.4	196.7	232.3	265.8	298.8
-25°	0.0	11.5	34.2	61.6	92.8	125.3	157.8	191.9	227.3	260.4	292.7
-27.5°	0.0	11.3	33.2	59.9	90.2	121.9	153.7	186.7	221.7	254.4	286.1
-30°	0.0	11.0	32.2	58.2	87.4	118.1	149.3	181.1	215.3	247.5	278.8
-32.5°	0.0	10.7	31.1	56.2	84.2	114.0	144.5	175.4	208.3	240.1	270.9
-35°	0.0	10.4	29.8	54.1	80.9	109.7	139.2	169.4	200.8	231.9	262.4
-37.5°	0.0	10.1	28.5	51.9	77.3	105.0	133.6	162.8	192.9	223.2	252.8
-40°	0.0	9.7	27.0	49.5	73.5	100.3	127.7	155.9	184.7	213.9	242.5
-42.5°	0.0	9.4	25.5	47.0	69.8	95.3	121.3	148.5	176.1	204.2	231.8
-45°	0.0	9.0	23.9	44.2	66.1	90.1	114.7	140.7	167.2	194.0	220.7
-47.5°	0.0	8.6	22.2	41.3	62.2	84.7	107.6	132.4	157.7	183.5	208.9
-50°	0.0	8.2	20.5	38.5	58.2	79.1	100.9	123.8	147.9	172.4	196.7
-52.5°	0.0	7.7	18.6	35.7	53.9	73.3	94.0	114.9	137.8	161.0	184.0
-55°	0.0	7.3	16.7	32.7	49.6	67.7	86.9	105.7	127.2	149.2	170.9
-57.5°	0.0	6.8	14.7	29.7	45.0	62.0	79.7	97.3	116.2	136.8	157.4
-60°	0.0	6.3	12.7	26.6	40.4	56.1	72.3	88.8	105.2	124.0	143.4
-62.5°	0.0	5.9	11.7	23.4	36.1	50.0	64.9	80.0	95.0	110.7	128.5
-65°	0.0	5.4	10.7	20.1	31.8	43.8	57.3	71.0	84.6	98.5	113.2
-67.5°	0.0	4.9	9.7	16.8	27.3	37.8	49.6	61.8	73.9	86.3	99.0
-70°	0.0	4.3	8.7	13.4	22.8	32.2	41.6	52.5	63.3	73.9	85.0
-72.5°	0.0	3.8	7.6	11.4	18.2	26.4	34.6	43.1	52.5	61.8	71.0
-75°	0.0	3.3	6.6	9.8	13.5	20.6	27.7	34.7	41.6	49.6	57.5
-77.5°	0.0	2.7	5.5	8.2	10.9	14.8	20.6	26.7	32.5	38.0	43.9
-80°	0.0	2.2	4.4	6.6	8.8	10.9	13.5	18.7	23.6	28.2	32.5
-82.5°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.5	18.3	21.9
-85°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.5	11.1	12.8
-87.5°	0.0	0.6	1.1	1.7	2.2	2.7	3.3	4.0	4.8	5.6	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
85°	14.0	15.2	17.2	19.3	21.2	23.1	25.0	26.7	28.4	30.0	31.5
82.5°	25.1	28.4	31.8	35.2	38.2	41.0	43.8	46.7	49.6	52.5	55.3
80°	37.0	41.6	46.8	51.8	56.1	60.3	64.3	68.1	72.3	76.8	81.3
77.5°	50.7	57.2	63.3	69.1	74.6	80.7	86.5	92.1	98.0	103.7	109.3
75°	65.3	72.8	80.6	88.3	95.8	103.1	110.2	117.4	124.7	132.0	138.9
72.5°	80.4	89.9	99.1	108.1	117.5	126.5	135.3	143.8	152.5	161.4	169.9
70°	96.1	106.9	118.3	129.3	139.8	150.4	161.2	171.5	181.6	191.9	202.1
67.5°	112.0	125.5	138.4	150.6	163.0	175.5	187.5	199.9	211.8	223.8	235.3
65°	129.4	144.2	158.3	172.3	186.3	200.9	215.2	229.0	242.8	256.2	268.3
62.5°	146.5	162.3	177.8	193.7	210.4	226.9	242.5	258.3	274.4	288.4	300.6
60°	162.3	179.8	197.1	215.2	233.7	251.4	268.9	286.1	303.4	319.5	329.5
57.5°	177.5	196.8	216.0	235.5	255.0	274.8	293.1	312.0	328.1	341.7	353.3
55°	192.3	213.2	233.7	254.2	275.3	295.9	315.9	333.8	349.5	360.9	372.1
52.5°	206.7	228.8	250.0	272.1	294.5	316.4	337.2	353.9	366.8	378.4	388.8
50°	220.6	243.1	265.5	289.5	313.1	336.3	355.9	370.5	383.6	394.9	405.8
47.5°	233.7	257.2	281.1	306.3	331.2	353.6	371.6	386.9	400.2	412.4	425.3
45°	246.3	271.2	296.4	322.5	347.9	369.6	386.9	403.4	415.9	429.6	444.4
42.5°	258.5	284.7	311.2	338.1	363.7	384.0	401.3	416.4	431.1	447.4	465.2
40°	270.1	297.4	325.0	353.1	378.6	396.5	413.5	429.5	447.4	466.7	487.4
37.5°	281.1	309.3	338.0	367.2	389.6	408.0	425.4	443.2	464.0	486.5	514.6
35°	291.3	320.5	350.1	378.1	399.4	419.0	437.0	456.8	481.1	510.4	546.4
32.5°	300.7	330.8	361.3	386.9	408.4	428.8	447.2	472.0	501.2	536.1	587.1
30°	309.4	340.2	370.8	395.6	416.6	437.0	459.5	487.4	521.6	572.6	637.8
27.5°	317.5	348.7	378.3	402.8	423.9	444.9	471.3	505.1	550.1	610.9	692.0
25°	324.9	356.9	385.5	408.9	430.7	454.0	482.6	520.7	579.8	658.4	767.9
22.5°	331.6	364.3	392.3	414.1	437.0	462.3	495.7	543.3	611.4	703.2	844.5
20°	337.6	369.8	397.5	419.1	442.9	469.1	507.3	564.7	646.9	765.7	946.1
17.5°	342.8	374.7	401.3	423.9	448.6	476.9	518.7	583.2	678.4	820.2	1048.8
15°	347.3	378.9	404.6	427.9	453.5	485.8	534.4	607.5	715.0	876.9	1138.4
12.5°	351.0	382.4	407.2	431.2	457.6	493.2	547.9	630.4	753.0	946.7	1270.3
10°	354.0	385.1	409.2	433.8	460.8	499.2	558.9	649.1	784.5	1007.0	1382.8
7.5°	356.7	387.0	410.6	435.6	463.1	503.6	567.2	663.5	808.6	1054.4	1471.8
5°	358.7	388.2	411.4	436.7	465.0	506.5	572.9	673.5	825.3	1088.3	1534.5
2.5°	359.9	388.6	411.6	437.0	466.4	507.8	575.8	679.1	838.4	1104.4	1568.2
0°	360.3	388.2	411.1	436.5	466.9	507.5	576.0	680.1	845.0	1103.8	1573.3
-2.5°	359.9	388.6	411.6	437.0	466.4	507.8	575.8	679.1	838.4	1104.4	1568.2
-5°	358.7	388.2	411.4	436.7	465.0	506.5	572.9	673.5	825.3	1088.3	1534.5
-7.5°	356.7	387.0	410.6	435.6	463.1	503.6	567.2	663.5	808.6	1054.4	1471.8
-10°	354.0	385.1	409.2	433.8	460.8	499.2	558.9	649.1	784.5	1007.0	1382.8
-12.5°	351.0	382.4	407.2	431.2	457.6	493.2	547.9	630.4	753.0	946.7	1270.3
-15°	347.3	378.9	404.6	427.9	453.5	485.8	534.4	607.5	715.0	876.9	1138.4
-17.5°	342.8	374.7	401.3	423.9	448.6	476.9	518.7	583.2	678.4	820.2	1048.8
-20°	337.6	369.8	397.5	419.1	442.9	469.1	507.3	564.7	646.9	765.7	946.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-727-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°	331.6	364.3	392.3	414.1	437.0	462.3	495.7	543.3	611.4	703.2	844.5
-25°	324.9	356.9	385.5	408.9	430.7	454.0	482.6	520.7	579.8	658.4	767.9
-27.5°	317.5	348.7	378.3	402.8	423.9	444.9	471.3	505.1	550.1	610.9	692.0
-30°	309.4	340.2	370.8	395.6	416.6	437.0	459.5	487.4	521.6	572.6	637.8
-32.5°	300.7	330.8	361.3	386.9	408.4	428.8	447.2	472.0	501.2	536.1	587.1
-35°	291.3	320.5	350.1	378.1	399.4	419.0	437.0	456.8	481.1	510.4	546.4
-37.5°	281.1	309.3	338.0	367.2	389.6	408.0	425.4	443.2	464.0	486.5	514.6
-40°	270.1	297.4	325.0	353.1	378.6	396.5	413.5	429.5	447.4	466.7	487.4
-42.5°	258.5	284.7	311.2	338.1	363.7	384.0	401.3	416.4	431.1	447.4	465.2
-45°	246.3	271.2	296.4	322.5	347.9	369.6	386.9	403.4	415.9	429.6	444.4
-47.5°	233.7	257.2	281.1	306.3	331.2	353.6	371.6	386.9	400.2	412.4	425.3
-50°	220.6	243.1	265.5	289.5	313.1	336.3	355.9	370.5	383.6	394.9	405.8
-52.5°	206.7	228.8	250.0	272.1	294.5	316.4	337.2	353.9	366.8	378.4	388.8
-55°	192.3	213.2	233.7	254.2	275.3	295.9	315.9	333.8	349.5	360.9	372.1
-57.5°	177.5	196.8	216.0	235.5	255.0	274.8	293.1	312.0	328.1	341.7	353.3
-60°	162.3	179.8	197.1	215.2	233.7	251.4	268.9	286.1	303.4	319.5	329.5
-62.5°	146.5	162.3	177.8	193.7	210.4	226.9	242.5	258.3	274.4	288.4	300.6
-65°	129.4	144.2	158.3	172.3	186.3	200.9	215.2	229.0	242.8	256.2	268.3
-67.5°	112.0	125.5	138.4	150.6	163.0	175.5	187.5	199.9	211.8	223.8	235.3
-70°	96.1	106.9	118.3	129.3	139.8	150.4	161.2	171.5	181.6	191.9	202.1
-72.5°	80.4	89.9	99.1	108.1	117.5	126.5	135.3	143.8	152.5	161.4	169.9
-75°	65.3	72.8	80.6	88.3	95.8	103.1	110.2	117.4	124.7	132.0	138.9
-77.5°	50.7	57.2	63.3	69.1	74.6	80.7	86.5	92.1	98.0	103.7	109.3
-80°	37.0	41.6	46.8	51.8	56.1	60.3	64.3	68.1	72.3	76.8	81.3
-82.5°	25.1	28.4	31.8	35.2	38.2	41.0	43.8	46.7	49.6	52.5	55.3
-85°	14.0	15.2	17.2	19.3	21.2	23.1	25.0	26.7	28.4	30.0	31.5
-87.5°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
-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: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	12.4	12.3	12.1	11.8	11.5	12.3	13.1	13.9	14.7	14.2	13.7
85°	33.0	33.7	34.4	34.9	35.4	36.9	38.5	39.9	41.2	41.2	41.0
82.5°	58.1	60.0	61.6	63.0	64.3	66.2	67.8	69.3	70.5	71.4	72.1
80°	85.6	88.7	91.3	93.6	95.8	98.2	100.5	102.5	104.2	105.2	105.8
77.5°	114.8	119.2	123.1	126.9	130.5	134.0	137.3	140.2	142.7	143.3	143.1
75°	145.5	151.5	157.0	162.2	167.0	171.1	174.6	177.5	179.9	181.1	181.8
72.5°	178.0	185.3	191.9	197.8	202.9	207.1	210.8	214.0	216.6	218.3	219.4
70°	211.8	220.5	227.3	232.8	237.2	241.4	246.1	250.6	254.8	257.2	258.1
67.5°	245.8	254.8	261.0	266.0	270.0	274.1	280.1	285.4	290.2	293.4	295.5
65°	279.0	288.4	294.7	299.5	303.1	307.3	314.0	319.3	323.4	326.6	329.5
62.5°	311.8	321.3	328.2	334.0	339.3	343.9	349.4	353.8	357.3	360.5	364.1
60°	340.2	351.5	358.7	364.6	371.2	378.4	382.4	385.7	388.6	391.2	393.4
57.5°	363.4	373.5	382.8	389.9	396.8	403.4	408.1	411.3	413.8	415.7	416.5
55°	382.9	393.3	403.7	411.3	418.1	424.2	429.4	433.6	436.9	439.6	440.2
52.5°	400.3	412.0	422.2	431.0	439.9	447.2	452.9	458.5	463.4	467.3	469.0
50°	419.2	431.5	444.2	456.0	465.5	473.9	480.8	488.7	497.0	503.8	508.1
47.5°	439.1	453.3	468.7	483.2	494.5	506.8	518.3	530.0	545.4	558.3	567.9
45°	460.0	478.1	495.7	514.2	529.7	553.0	574.7	593.2	617.9	640.3	658.1
42.5°	484.5	507.2	528.7	558.3	589.3	621.1	655.5	684.9	723.5	762.8	794.5
40°	513.7	542.6	580.6	620.3	669.2	712.9	772.3	825.3	884.5	959.4	1021.3
37.5°	548.8	593.3	646.1	701.5	777.7	850.5	948.7	1052.2	1146.1	1290.2	1411.4
35°	594.4	656.6	726.1	824.1	932.0	1068.5	1221.7	1421.5	1592.9	1835.9	2068.2
32.5°	653.2	733.1	846.7	998.0	1157.4	1405.3	1648.3	1995.3	2316.5	2701.8	3117.5
30°	718.5	840.2	1013.7	1221.2	1518.8	1883.4	2311.7	2844.6	3427.7	3969.2	4502.8
27.5°	813.3	987.6	1215.5	1550.4	2014.1	2524.2	3274.7	3998.1	4752.7	5423.6	5983.1
25°	923.9	1154.3	1506.7	1999.8	2626.9	3500.4	4398.8	5291.6	6103.2	6805.5	7423.7
22.5°	1066.7	1398.0	1867.9	2506.5	3483.1	4530.1	5583.6	6568.3	7434.1	8216.1	8885.3
20°	1222.1	1636.6	2307.7	3260.0	4376.8	5569.6	6759.1	7808.1	8761.3	9648.0	10402.3
17.5°	1419.1	1999.5	2849.3	3991.7	5282.9	6589.8	7839.5	8977.8	10059.2	10997.5	11785.6
15°	1586.8	2319.1	3428.3	4768.0	6164.7	7543.2	8862.5	10099.0	11223.4	12186.1	12926.9
12.5°	1810.7	2677.3	3942.2	5435.4	6948.9	8399.4	9789.1	11067.0	12211.3	13163.4	13740.1
10°	2022.3	3048.1	4439.0	5996.2	7568.6	9114.0	10597.8	11908.5	12970.9	13728.3	14219.8
7.5°	2202.2	3366.9	4843.1	6449.5	8060.9	9676.7	11178.7	12453.9	13433.5	14066.0	14408.2
5°	2336.5	3605.1	5143.0	6817.8	8471.4	10115.5	11605.8	12802.9	13649.6	14119.4	14291.2
2.5°	2422.1	3745.0	5317.1	7059.4	8746.1	10393.2	11898.7	13077.1	13795.4	14106.9	14136.5
0°	2456.3	3763.1	5344.0	7186.2	8815.3	10472.3	11982.1	13189.9	13849.7	14106.0	14100.9
-2.5°	2422.1	3745.0	5317.1	7059.4	8746.1	10393.2	11898.7	13077.1	13795.4	14106.9	14136.5
-5°	2336.5	3605.1	5143.0	6817.8	8471.4	10115.5	11605.8	12802.9	13649.6	14119.4	14291.2
-7.5°	2202.2	3366.9	4843.1	6449.5	8060.9	9676.7	11178.7	12453.9	13433.5	14066.0	14408.2
-10°	2022.3	3048.1	4439.0	5996.2	7568.6	9114.0	10597.8	11908.5	12970.9	13728.3	14219.8
-12.5°	1810.7	2677.3	3942.2	5435.4	6948.9	8399.4	9789.1	11067.0	12211.3	13163.4	13740.1
-15°	1586.8	2319.1	3428.3	4768.0	6164.7	7543.2	8862.5	10099.0	11223.4	12186.1	12926.9
-17.5°	1419.1	1999.5	2849.3	3991.7	5282.9	6589.8	7839.5	8977.8	10059.2	10997.5	11785.6
-20°	1222.1	1636.6	2307.7	3260.0	4376.8	5569.6	6759.1	7808.1	8761.3	9648.0	10402.3

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1066.7	1398.0	1867.9	2506.5	3483.1	4530.1	5583.6	6568.3	7434.1	8216.1	8885.3
-25°	923.9	1154.3	1506.7	1999.8	2626.9	3500.4	4398.8	5291.6	6103.2	6805.5	7423.7
-27.5°	813.3	987.6	1215.5	1550.4	2014.1	2524.2	3274.7	3998.1	4752.7	5423.6	5983.1
-30°	718.5	840.2	1013.7	1221.2	1518.8	1883.4	2311.7	2844.6	3427.7	3969.2	4502.8
-32.5°	653.2	733.1	846.7	998.0	1157.4	1405.3	1648.3	1995.3	2316.5	2701.8	3117.5
-35°	594.4	656.6	726.1	824.1	932.0	1068.5	1221.7	1421.5	1592.9	1835.9	2068.2
-37.5°	548.8	593.3	646.1	701.5	777.7	850.5	948.7	1052.2	1146.1	1290.2	1411.4
-40°	513.7	542.6	580.6	620.3	669.2	712.9	772.3	825.3	884.5	959.4	1021.3
-42.5°	484.5	507.2	528.7	558.3	589.3	621.1	655.5	684.9	723.5	762.8	794.5
-45°	460.0	478.1	495.7	514.2	529.7	553.0	574.7	593.2	617.9	640.3	658.1
-47.5°	439.1	453.3	468.7	483.2	494.5	506.8	518.3	530.0	545.4	558.3	567.9
-50°	419.2	431.5	444.2	456.0	465.5	473.9	480.8	488.7	497.0	503.8	508.1
-52.5°	400.3	412.0	422.2	431.0	439.9	447.2	452.9	458.5	463.4	467.3	469.0
-55°	382.9	393.3	403.7	411.3	418.1	424.2	429.4	433.6	436.9	439.6	440.2
-57.5°	363.4	373.5	382.8	389.9	396.8	403.4	408.1	411.3	413.8	415.7	416.5
-60°	340.2	351.5	358.7	364.6	371.2	378.4	382.4	385.7	388.6	391.2	393.4
-62.5°	311.8	321.3	328.2	334.0	339.3	343.9	349.4	353.8	357.3	360.5	364.1
-65°	279.0	288.4	294.7	299.5	303.1	307.3	314.0	319.3	323.4	326.6	329.5
-67.5°	245.8	254.8	261.0	266.0	270.0	274.1	280.1	285.4	290.2	293.4	295.5
-70°	211.8	220.5	227.3	232.8	237.2	241.4	246.1	250.6	254.8	257.2	258.1
-72.5°	178.0	185.3	191.9	197.8	202.9	207.1	210.8	214.0	216.6	218.3	219.4
-75°	145.5	151.5	157.0	162.2	167.0	171.1	174.6	177.5	179.9	181.1	181.8
-77.5°	114.8	119.2	123.1	126.9	130.5	134.0	137.3	140.2	142.7	143.3	143.1
-80°	85.6	88.7	91.3	93.6	95.8	98.2	100.5	102.5	104.2	105.2	105.8
-82.5°	58.1	60.0	61.6	63.0	64.3	66.2	67.8	69.3	70.5	71.4	72.1
-85°	33.0	33.7	34.4	34.9	35.4	36.9	38.5	39.9	41.2	41.2	41.0
-87.5°	12.4	12.3	12.1	11.8	11.5	12.3	13.1	13.9	14.7	14.2	13.7
-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: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	13.2	12.7	12.7	12.7	12.7	12.7	13.2	13.7	14.2	14.7	13.9
85°	40.8	40.4	39.3	38.1	39.3	40.4	40.8	41.0	41.2	41.2	39.9
82.5°	72.8	73.2	72.3	71.1	72.3	73.2	72.8	72.1	71.4	70.5	69.3
80°	106.1	106.1	105.2	104.0	105.2	106.1	106.1	105.8	105.2	104.2	102.5
77.5°	142.5	141.5	141.9	142.1	141.9	141.5	142.5	143.1	143.3	142.7	140.2
75°	182.0	181.8	181.3	180.2	181.3	181.8	182.0	181.8	181.1	179.9	177.5
72.5°	219.9	219.9	219.3	218.2	219.3	219.9	219.9	219.4	218.3	216.6	214.0
70°	258.3	257.8	258.5	258.8	258.5	257.8	258.3	258.1	257.2	254.8	250.6
67.5°	297.0	298.0	297.9	296.9	297.9	298.0	297.0	295.5	293.4	290.2	285.4
65°	331.8	333.6	334.6	335.0	334.6	333.6	331.8	329.5	326.6	323.4	319.3
62.5°	366.9	368.9	369.0	367.9	369.0	368.9	366.9	364.1	360.5	357.3	353.8
60°	394.6	395.0	394.5	393.3	394.5	395.0	394.6	393.4	391.2	388.6	385.7
57.5°	416.5	415.8	414.9	413.6	414.9	415.8	416.5	416.5	415.7	413.8	411.3
55°	439.9	438.7	437.7	436.5	437.7	438.7	439.9	440.2	439.6	436.9	433.6
52.5°	469.3	468.7	468.0	466.9	468.0	468.7	469.3	469.0	467.3	463.4	458.5
50°	510.3	511.0	510.9	510.0	510.9	511.0	510.3	508.1	503.8	497.0	488.7
47.5°	574.0	577.4	579.7	581.1	579.7	577.4	574.0	567.9	558.3	545.4	530.0
45°	669.5	676.3	681.1	685.1	681.1	676.3	669.5	658.1	640.3	617.9	593.2
42.5°	816.8	832.0	839.2	837.4	839.2	832.0	816.8	794.5	762.8	723.5	684.9
40°	1062.6	1087.1	1100.7	1111.4	1100.7	1087.1	1062.6	1021.3	959.4	884.5	825.3
37.5°	1494.2	1541.7	1566.7	1588.5	1566.7	1541.7	1494.2	1411.4	1290.2	1146.1	1052.2
35°	2241.8	2348.7	2406.0	2425.9	2406.0	2348.7	2241.8	2068.2	1835.9	1592.9	1421.5
32.5°	3441.1	3638.3	3747.3	3831.6	3747.3	3638.3	3441.1	3117.5	2701.8	2316.5	1995.3
30°	4925.3	5185.1	5329.4	5399.8	5329.4	5185.1	4925.3	4502.8	3969.2	3427.7	2844.6
27.5°	6446.8	6742.2	6897.7	6889.3	6897.7	6742.2	6446.8	5983.1	5423.6	4752.7	3998.1
25°	7953.7	8295.7	8450.7	8589.5	8450.7	8295.7	7953.7	7423.7	6805.5	6103.2	5291.6
22.5°	9477.7	9877.6	10095.9	10198.2	10095.9	9877.6	9477.7	8885.3	8216.1	7434.1	6568.3
20°	10983.5	11428.7	11660.5	11761.3	11660.5	11428.7	10983.5	10402.3	9648.0	8761.3	7808.1
17.5°	12319.0	12753.7	12974.5	13068.1	12974.5	12753.7	12319.0	11785.6	10997.5	10059.2	8977.8
15°	13385.4	13706.0	13893.9	13943.6	13893.9	13706.0	13385.4	12926.9	12186.1	11223.4	10099.0
12.5°	14122.6	14246.8	14337.1	14364.8	14337.1	14246.8	14122.6	13740.1	13163.4	12211.3	11067.0
10°	14499.4	14443.4	14420.2	14423.2	14420.2	14443.4	14499.4	14219.8	13728.3	12970.9	11908.5
7.5°	14473.5	14390.5	14223.9	14197.3	14223.9	14390.5	14473.5	14408.2	14066.0	13433.5	12453.9
5°	14265.6	14114.5	13837.9	13758.3	13837.9	14114.5	14265.6	14291.2	14119.4	13649.6	12802.9
2.5°	14023.2	13750.8	13496.0	13332.0	13496.0	13750.8	14023.2	14136.5	14106.9	13795.4	13077.1
0°	13951.2	13636.5	13306.7	13200.1	13306.7	13636.5	13951.2	14100.9	14106.0	13849.7	13189.9
-2.5°	14023.2	13750.8	13496.0	13332.0	13496.0	13750.8	14023.2	14136.5	14106.9	13795.4	13077.1
-5°	14265.6	14114.5	13837.9	13758.3	13837.9	14114.5	14265.6	14291.2	14119.4	13649.6	12802.9
-7.5°	14473.5	14390.5	14223.9	14197.3	14223.9	14390.5	14473.5	14408.2	14066.0	13433.5	12453.9
-10°	14499.4	14443.4	14420.2	14423.2	14420.2	14443.4	14499.4	14219.8	13728.3	12970.9	11908.5
-12.5°	14122.6	14246.8	14337.1	14364.8	14337.1	14246.8	14122.6	13740.1	13163.4	12211.3	11067.0
-15°	13385.4	13706.0	13893.9	13943.6	13893.9	13706.0	13385.4	12926.9	12186.1	11223.4	10099.0
-17.5°	12319.0	12753.7	12974.5	13068.1	12974.5	12753.7	12319.0	11785.6	10997.5	10059.2	8977.8
-20°	10983.5	11428.7	11660.5	11761.3	11660.5	11428.7	10983.5	10402.3	9648.0	8761.3	7808.1



REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	9477.7	9877.6	10095.9	10198.2	10095.9	9877.6	9477.7	8885.3	8216.1	7434.1	6568.3
-25°	7953.7	8295.7	8450.7	8589.5	8450.7	8295.7	7953.7	7423.7	6805.5	6103.2	5291.6
-27.5°	6446.8	6742.2	6897.7	6889.3	6897.7	6742.2	6446.8	5983.1	5423.6	4752.7	3998.1
-30°	4925.3	5185.1	5329.4	5399.8	5329.4	5185.1	4925.3	4502.8	3969.2	3427.7	2844.6
-32.5°	3441.1	3638.3	3747.3	3831.6	3747.3	3638.3	3441.1	3117.5	2701.8	2316.5	1995.3
-35°	2241.8	2348.7	2406.0	2425.9	2406.0	2348.7	2241.8	2068.2	1835.9	1592.9	1421.5
-37.5°	1494.2	1541.7	1566.7	1588.5	1566.7	1541.7	1494.2	1411.4	1290.2	1146.1	1052.2
-40°	1062.6	1087.1	1100.7	1111.4	1100.7	1087.1	1062.6	1021.3	959.4	884.5	825.3
-42.5°	816.8	832.0	839.2	837.4	839.2	832.0	816.8	794.5	762.8	723.5	684.9
-45°	669.5	676.3	681.1	685.1	681.1	676.3	669.5	658.1	640.3	617.9	593.2
-47.5°	574.0	577.4	579.7	581.1	579.7	577.4	574.0	567.9	558.3	545.4	530.0
-50°	510.3	511.0	510.9	510.0	510.9	511.0	510.3	508.1	503.8	497.0	488.7
-52.5°	469.3	468.7	468.0	466.9	468.0	468.7	469.3	469.0	467.3	463.4	458.5
-55°	439.9	438.7	437.7	436.5	437.7	438.7	439.9	440.2	439.6	436.9	433.6
-57.5°	416.5	415.8	414.9	413.6	414.9	415.8	416.5	416.5	415.7	413.8	411.3
-60°	394.6	395.0	394.5	393.3	394.5	395.0	394.6	393.4	391.2	388.6	385.7
-62.5°	366.9	368.9	369.0	367.9	369.0	368.9	366.9	364.1	360.5	357.3	353.8
-65°	331.8	333.6	334.6	335.0	334.6	333.6	331.8	329.5	326.6	323.4	319.3
-67.5°	297.0	298.0	297.9	296.9	297.9	298.0	297.0	295.5	293.4	290.2	285.4
-70°	258.3	257.8	258.5	258.8	258.5	257.8	258.3	258.1	257.2	254.8	250.6
-72.5°	219.9	219.9	219.3	218.2	219.3	219.9	219.9	219.4	218.3	216.6	214.0
-75°	182.0	181.8	181.3	180.2	181.3	181.8	182.0	181.8	181.1	179.9	177.5
-77.5°	142.5	141.5	141.9	142.1	141.9	141.5	142.5	143.1	143.3	142.7	140.2
-80°	106.1	106.1	105.2	104.0	105.2	106.1	106.1	105.8	105.2	104.2	102.5
-82.5°	72.8	73.2	72.3	71.1	72.3	73.2	72.8	72.1	71.4	70.5	69.3
-85°	40.8	40.4	39.3	38.1	39.3	40.4	40.8	41.0	41.2	41.2	39.9
-87.5°	13.2	12.7	12.7	12.7	12.7	12.7	13.2	13.7	14.2	14.7	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	13.1	12.3	11.5	11.8	12.1	12.3	12.4	12.1	11.6	11.2	10.7
85°	38.5	36.9	35.4	34.9	34.4	33.7	33.0	31.5	30.0	28.4	26.7
82.5°	67.8	66.2	64.3	63.0	61.6	60.0	58.1	55.3	52.5	49.6	46.7
80°	100.5	98.2	95.8	93.6	91.3	88.7	85.6	81.3	76.8	72.3	68.1
77.5°	137.3	134.0	130.5	126.9	123.1	119.2	114.8	109.3	103.7	98.0	92.1
75°	174.6	171.1	167.0	162.2	157.0	151.5	145.5	138.9	132.0	124.7	117.4
72.5°	210.8	207.1	202.9	197.8	191.9	185.3	178.0	169.9	161.4	152.5	143.8
70°	246.1	241.4	237.2	232.8	227.3	220.5	211.8	202.1	191.9	181.6	171.5
67.5°	280.1	274.1	270.0	266.0	261.0	254.8	245.8	235.3	223.8	211.8	199.9
65°	314.0	307.3	303.1	299.5	294.7	288.4	279.0	268.3	256.2	242.8	229.0
62.5°	349.4	343.9	339.3	334.0	328.2	321.3	311.8	300.6	288.4	274.4	258.3
60°	382.4	378.4	371.2	364.6	358.7	351.5	340.2	329.5	319.5	303.4	286.1
57.5°	408.1	403.4	396.8	389.9	382.8	373.5	363.4	353.3	341.7	328.1	312.0
55°	429.4	424.2	418.1	411.3	403.7	393.3	382.9	372.1	360.9	349.5	333.8
52.5°	452.9	447.2	439.9	431.0	422.2	412.0	400.3	388.8	378.4	366.8	353.9
50°	480.8	473.9	465.5	456.0	444.2	431.5	419.2	405.8	394.9	383.6	370.5
47.5°	518.3	506.8	494.5	483.2	468.7	453.3	439.1	425.3	412.4	400.2	386.9
45°	574.7	553.0	529.7	514.2	495.7	478.1	460.0	444.4	429.6	415.9	403.4
42.5°	655.5	621.1	589.3	558.3	528.7	507.2	484.5	465.2	447.4	431.1	416.4
40°	772.3	712.9	669.2	620.3	580.6	542.6	513.7	487.4	466.7	447.4	429.5
37.5°	948.7	850.5	777.7	701.5	646.1	593.3	548.8	514.6	486.5	464.0	443.2
35°	1221.7	1068.5	932.0	824.1	726.1	656.6	594.4	546.4	510.4	481.1	456.8
32.5°	1648.3	1405.3	1157.4	998.0	846.7	733.1	653.2	587.1	536.1	501.2	472.0
30°	2311.7	1883.4	1518.8	1221.2	1013.7	840.2	718.5	637.8	572.6	521.6	487.4
27.5°	3274.7	2524.2	2014.1	1550.4	1215.5	987.6	813.3	692.0	610.9	550.1	505.1
25°	4398.8	3500.4	2626.9	1999.8	1506.7	1154.3	923.9	767.9	658.4	579.8	520.7
22.5°	5583.6	4530.1	3483.1	2506.5	1867.9	1398.0	1066.7	844.5	703.2	611.4	543.3
20°	6759.1	5569.6	4376.8	3260.0	2307.7	1636.6	1222.1	946.1	765.7	646.9	564.7
17.5°	7839.5	6589.8	5282.9	3991.7	2849.3	1999.5	1419.1	1048.8	820.2	678.4	583.2
15°	8862.5	7543.2	6164.7	4768.0	3428.3	2319.1	1586.8	1138.4	876.9	715.0	607.5
12.5°	9789.1	8399.4	6948.9	5435.4	3942.2	2677.3	1810.7	1270.3	946.7	753.0	630.4
10°	10597.8	9114.0	7568.6	5996.2	4439.0	3048.1	2022.3	1382.8	1007.0	784.5	649.1
7.5°	11178.7	9676.7	8060.9	6449.5	4843.1	3366.9	2202.2	1471.8	1054.4	808.6	663.5
5°	11605.8	10115.5	8471.4	6817.8	5143.0	3605.1	2336.5	1534.5	1088.3	825.3	673.5
2.5°	11898.7	10393.2	8746.1	7059.4	5317.1	3745.0	2422.1	1568.2	1104.4	838.4	679.1
0°	11982.1	10472.3	8815.3	7186.2	5344.0	3763.1	2456.3	1573.3	1103.8	845.0	680.1
-2.5°	11898.7	10393.2	8746.1	7059.4	5317.1	3745.0	2422.1	1568.2	1104.4	838.4	679.1
-5°	11605.8	10115.5	8471.4	6817.8	5143.0	3605.1	2336.5	1534.5	1088.3	825.3	673.5
-7.5°	11178.7	9676.7	8060.9	6449.5	4843.1	3366.9	2202.2	1471.8	1054.4	808.6	663.5
-10°	10597.8	9114.0	7568.6	5996.2	4439.0	3048.1	2022.3	1382.8	1007.0	784.5	649.1
-12.5°	9789.1	8399.4	6948.9	5435.4	3942.2	2677.3	1810.7	1270.3	946.7	753.0	630.4
-15°	8862.5	7543.2	6164.7	4768.0	3428.3	2319.1	1586.8	1138.4	876.9	715.0	607.5
-17.5°	7839.5	6589.8	5282.9	3991.7	2849.3	1999.5	1419.1	1048.8	820.2	678.4	583.2
-20°	6759.1	5569.6	4376.8	3260.0	2307.7	1636.6	1222.1	946.1	765.7	646.9	564.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5583.6	4530.1	3483.1	2506.5	1867.9	1398.0	1066.7	844.5	703.2	611.4	543.3
-25°	4398.8	3500.4	2626.9	1999.8	1506.7	1154.3	923.9	767.9	658.4	579.8	520.7
-27.5°	3274.7	2524.2	2014.1	1550.4	1215.5	987.6	813.3	692.0	610.9	550.1	505.1
-30°	2311.7	1883.4	1518.8	1221.2	1013.7	840.2	718.5	637.8	572.6	521.6	487.4
-32.5°	1648.3	1405.3	1157.4	998.0	846.7	733.1	653.2	587.1	536.1	501.2	472.0
-35°	1221.7	1068.5	932.0	824.1	726.1	656.6	594.4	546.4	510.4	481.1	456.8
-37.5°	948.7	850.5	777.7	701.5	646.1	593.3	548.8	514.6	486.5	464.0	443.2
-40°	772.3	712.9	669.2	620.3	580.6	542.6	513.7	487.4	466.7	447.4	429.5
-42.5°	655.5	621.1	589.3	558.3	528.7	507.2	484.5	465.2	447.4	431.1	416.4
-45°	574.7	553.0	529.7	514.2	495.7	478.1	460.0	444.4	429.6	415.9	403.4
-47.5°	518.3	506.8	494.5	483.2	468.7	453.3	439.1	425.3	412.4	400.2	386.9
-50°	480.8	473.9	465.5	456.0	444.2	431.5	419.2	405.8	394.9	383.6	370.5
-52.5°	452.9	447.2	439.9	431.0	422.2	412.0	400.3	388.8	378.4	366.8	353.9
-55°	429.4	424.2	418.1	411.3	403.7	393.3	382.9	372.1	360.9	349.5	333.8
-57.5°	408.1	403.4	396.8	389.9	382.8	373.5	363.4	353.3	341.7	328.1	312.0
-60°	382.4	378.4	371.2	364.6	358.7	351.5	340.2	329.5	319.5	303.4	286.1
-62.5°	349.4	343.9	339.3	334.0	328.2	321.3	311.8	300.6	288.4	274.4	258.3
-65°	314.0	307.3	303.1	299.5	294.7	288.4	279.0	268.3	256.2	242.8	229.0
-67.5°	280.1	274.1	270.0	266.0	261.0	254.8	245.8	235.3	223.8	211.8	199.9
-70°	246.1	241.4	237.2	232.8	227.3	220.5	211.8	202.1	191.9	181.6	171.5
-72.5°	210.8	207.1	202.9	197.8	191.9	185.3	178.0	169.9	161.4	152.5	143.8
-75°	174.6	171.1	167.0	162.2	157.0	151.5	145.5	138.9	132.0	124.7	117.4
-77.5°	137.3	134.0	130.5	126.9	123.1	119.2	114.8	109.3	103.7	98.0	92.1
-80°	100.5	98.2	95.8	93.6	91.3	88.7	85.6	81.3	76.8	72.3	68.1
-82.5°	67.8	66.2	64.3	63.0	61.6	60.0	58.1	55.3	52.5	49.6	46.7
-85°	38.5	36.9	35.4	34.9	34.4	33.7	33.0	31.5	30.0	28.4	26.7
-87.5°	13.1	12.3	11.5	11.8	12.1	12.3	12.4	12.1	11.6	11.2	10.7
-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: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.6	4.8	4.0
85°	25.0	23.1	21.2	19.3	17.2	15.2	14.0	12.8	11.1	9.5	8.0
82.5°	43.8	41.0	38.2	35.2	31.8	28.4	25.1	21.9	18.3	14.5	12.0
80°	64.3	60.3	56.1	51.8	46.8	41.6	37.0	32.5	28.2	23.6	18.7
77.5°	86.5	80.7	74.6	69.1	63.3	57.2	50.7	43.9	38.0	32.5	26.7
75°	110.2	103.1	95.8	88.3	80.6	72.8	65.3	57.5	49.6	41.6	34.7
72.5°	135.3	126.5	117.5	108.1	99.1	89.9	80.4	71.0	61.8	52.5	43.1
70°	161.2	150.4	139.8	129.3	118.3	106.9	96.1	85.0	73.9	63.3	52.5
67.5°	187.5	175.5	163.0	150.6	138.4	125.5	112.0	99.0	86.3	73.9	61.8
65°	215.2	200.9	186.3	172.3	158.3	144.2	129.4	113.2	98.5	84.6	71.0
62.5°	242.5	226.9	210.4	193.7	177.8	162.3	146.5	128.5	110.7	95.0	80.0
60°	268.9	251.4	233.7	215.2	197.1	179.8	162.3	143.4	124.0	105.2	88.8
57.5°	293.1	274.8	255.0	235.5	216.0	196.8	177.5	157.4	136.8	116.2	97.3
55°	315.9	295.9	275.3	254.2	233.7	213.2	192.3	170.9	149.2	127.2	105.7
52.5°	337.2	316.4	294.5	272.1	250.0	228.8	206.7	184.0	161.0	137.8	114.9
50°	355.9	336.3	313.1	289.5	265.5	243.1	220.6	196.7	172.4	147.9	123.8
47.5°	371.6	353.6	331.2	306.3	281.1	257.2	233.7	208.9	183.5	157.7	132.4
45°	386.9	369.6	347.9	322.5	296.4	271.2	246.3	220.7	194.0	167.2	140.7
42.5°	401.3	384.0	363.7	338.1	311.2	284.7	258.5	231.8	204.2	176.1	148.5
40°	413.5	396.5	378.6	353.1	325.0	297.4	270.1	242.5	213.9	184.7	155.9
37.5°	425.4	408.0	389.6	367.2	338.0	309.3	281.1	252.8	223.2	192.9	162.8
35°	437.0	419.0	399.4	378.1	350.1	320.5	291.3	262.4	231.9	200.8	169.4
32.5°	447.2	428.8	408.4	386.9	361.3	330.8	300.7	270.9	240.1	208.3	175.4
30°	459.5	437.0	416.6	395.6	370.8	340.2	309.4	278.8	247.5	215.3	181.1
27.5°	471.3	444.9	423.9	402.8	378.3	348.7	317.5	286.1	254.4	221.7	186.7
25°	482.6	454.0	430.7	408.9	385.5	356.9	324.9	292.7	260.4	227.3	191.9
22.5°	495.7	462.3	437.0	414.1	392.3	364.3	331.6	298.8	265.8	232.3	196.7
20°	507.3	469.1	442.9	419.1	397.5	369.8	337.6	304.1	270.6	236.8	201.0
17.5°	518.7	476.9	448.6	423.9	401.3	374.7	342.8	308.8	274.8	240.6	204.8
15°	534.4	485.8	453.5	427.9	404.6	378.9	347.3	312.9	278.4	243.9	208.2
12.5°	547.9	493.2	457.6	431.2	407.2	382.4	351.0	316.2	281.4	246.8	211.3
10°	558.9	499.2	460.8	433.8	409.2	385.1	354.0	319.0	284.2	249.3	213.7
7.5°	567.2	503.6	463.1	435.6	410.6	387.0	356.7	321.6	286.4	251.3	215.7
5°	572.9	506.5	465.0	436.7	411.4	388.2	358.7	323.4	288.0	252.7	217.1
2.5°	575.8	507.8	466.4	437.0	411.6	388.6	359.9	324.4	289.0	253.5	217.9
0°	576.0	507.5	466.9	436.5	411.1	388.2	360.3	324.8	289.3	253.8	218.2
-2.5°	575.8	507.8	466.4	437.0	411.6	388.6	359.9	324.4	289.0	253.5	217.9
-5°	572.9	506.5	465.0	436.7	411.4	388.2	358.7	323.4	288.0	252.7	217.1
-7.5°	567.2	503.6	463.1	435.6	410.6	387.0	356.7	321.6	286.4	251.3	215.7
-10°	558.9	499.2	460.8	433.8	409.2	385.1	354.0	319.0	284.2	249.3	213.7
-12.5°	547.9	493.2	457.6	431.2	407.2	382.4	351.0	316.2	281.4	246.8	211.3
-15°	534.4	485.8	453.5	427.9	404.6	378.9	347.3	312.9	278.4	243.9	208.2
-17.5°	518.7	476.9	448.6	423.9	401.3	374.7	342.8	308.8	274.8	240.6	204.8
-20°	507.3	469.1	442.9	419.1	397.5	369.8	337.6	304.1	270.6	236.8	201.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	495.7	462.3	437.0	414.1	392.3	364.3	331.6	298.8	265.8	232.3	196.7
-25°	482.6	454.0	430.7	408.9	385.5	356.9	324.9	292.7	260.4	227.3	191.9
-27.5°	471.3	444.9	423.9	402.8	378.3	348.7	317.5	286.1	254.4	221.7	186.7
-30°	459.5	437.0	416.6	395.6	370.8	340.2	309.4	278.8	247.5	215.3	181.1
-32.5°	447.2	428.8	408.4	386.9	361.3	330.8	300.7	270.9	240.1	208.3	175.4
-35°	437.0	419.0	399.4	378.1	350.1	320.5	291.3	262.4	231.9	200.8	169.4
-37.5°	425.4	408.0	389.6	367.2	338.0	309.3	281.1	252.8	223.2	192.9	162.8
-40°	413.5	396.5	378.6	353.1	325.0	297.4	270.1	242.5	213.9	184.7	155.9
-42.5°	401.3	384.0	363.7	338.1	311.2	284.7	258.5	231.8	204.2	176.1	148.5
-45°	386.9	369.6	347.9	322.5	296.4	271.2	246.3	220.7	194.0	167.2	140.7
-47.5°	371.6	353.6	331.2	306.3	281.1	257.2	233.7	208.9	183.5	157.7	132.4
-50°	355.9	336.3	313.1	289.5	265.5	243.1	220.6	196.7	172.4	147.9	123.8
-52.5°	337.2	316.4	294.5	272.1	250.0	228.8	206.7	184.0	161.0	137.8	114.9
-55°	315.9	295.9	275.3	254.2	233.7	213.2	192.3	170.9	149.2	127.2	105.7
-57.5°	293.1	274.8	255.0	235.5	216.0	196.8	177.5	157.4	136.8	116.2	97.3
-60°	268.9	251.4	233.7	215.2	197.1	179.8	162.3	143.4	124.0	105.2	88.8
-62.5°	242.5	226.9	210.4	193.7	177.8	162.3	146.5	128.5	110.7	95.0	80.0
-65°	215.2	200.9	186.3	172.3	158.3	144.2	129.4	113.2	98.5	84.6	71.0
-67.5°	187.5	175.5	163.0	150.6	138.4	125.5	112.0	99.0	86.3	73.9	61.8
-70°	161.2	150.4	139.8	129.3	118.3	106.9	96.1	85.0	73.9	63.3	52.5
-72.5°	135.3	126.5	117.5	108.1	99.1	89.9	80.4	71.0	61.8	52.5	43.1
-75°	110.2	103.1	95.8	88.3	80.6	72.8	65.3	57.5	49.6	41.6	34.7
-77.5°	86.5	80.7	74.6	69.1	63.3	57.2	50.7	43.9	38.0	32.5	26.7
-80°	64.3	60.3	56.1	51.8	46.8	41.6	37.0	32.5	28.2	23.6	18.7
-82.5°	43.8	41.0	38.2	35.2	31.8	28.4	25.1	21.9	18.3	14.5	12.0
-85°	25.0	23.1	21.2	19.3	17.2	15.2	14.0	12.8	11.1	9.5	8.0
-87.5°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.6	4.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626957 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.3	2.7	2.2	1.7	1.1	0.6	0.0
85°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
82.5°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
80°	13.5	10.9	8.8	6.6	4.4	2.2	0.0
77.5°	20.6	14.8	10.9	8.2	5.5	2.7	0.0
75°	27.7	20.6	13.5	9.8	6.6	3.3	0.0
72.5°	34.6	26.4	18.2	11.4	7.6	3.8	0.0
70°	41.6	32.2	22.8	13.4	8.7	4.3	0.0
67.5°	49.6	37.8	27.3	16.8	9.7	4.9	0.0
65°	57.3	43.8	31.8	20.1	10.7	5.4	0.0
62.5°	64.9	50.0	36.1	23.4	11.7	5.9	0.0
60°	72.3	56.1	40.4	26.6	12.7	6.3	0.0
57.5°	79.7	62.0	45.0	29.7	14.7	6.8	0.0
55°	86.9	67.7	49.6	32.7	16.7	7.3	0.0
52.5°	94.0	73.3	53.9	35.7	18.6	7.7	0.0
50°	100.9	79.1	58.2	38.5	20.5	8.2	0.0
47.5°	107.6	84.7	62.2	41.3	22.2	8.6	0.0
45°	114.7	90.1	66.1	44.2	23.9	9.0	0.0
42.5°	121.3	95.3	69.8	47.0	25.5	9.4	0.0
40°	127.7	100.3	73.5	49.5	27.0	9.7	0.0
37.5°	133.6	105.0	77.3	51.9	28.5	10.1	0.0
35°	139.2	109.7	80.9	54.1	29.8	10.4	0.0
32.5°	144.5	114.0	84.2	56.2	31.1	10.7	0.0
30°	149.3	118.1	87.4	58.2	32.2	11.0	0.0
27.5°	153.7	121.9	90.2	59.9	33.2	11.3	0.0
25°	157.8	125.3	92.8	61.6	34.2	11.5	0.0
22.5°	161.4	128.3	95.1	63.0	35.0	11.7	0.0
20°	164.6	130.9	97.2	64.3	35.8	11.9	0.0
17.5°	167.5	133.2	98.9	65.4	36.4	12.1	0.0
15°	170.1	135.1	100.5	66.4	37.0	12.3	0.0
12.5°	172.3	136.7	101.7	67.2	37.4	12.4	0.0
10°	174.2	138.0	102.7	67.8	37.7	12.5	0.0
7.5°	175.7	138.9	103.5	68.2	38.0	12.6	0.0
5°	176.7	139.5	103.9	68.5	38.1	12.7	0.0
2.5°	177.4	139.7	104.1	68.6	38.2	12.7	0.0
0°	177.6	139.6	104.0	68.5	38.1	12.7	0.0
-2.5°	177.4	139.7	104.1	68.6	38.2	12.7	0.0
-5°	176.7	139.5	103.9	68.5	38.1	12.7	0.0
-7.5°	175.7	138.9	103.5	68.2	38.0	12.6	0.0
-10°	174.2	138.0	102.7	67.8	37.7	12.5	0.0
-12.5°	172.3	136.7	101.7	67.2	37.4	12.4	0.0
-15°	170.1	135.1	100.5	66.4	37.0	12.3	0.0
-17.5°	167.5	133.2	98.9	65.4	36.4	12.1	0.0
-20°	164.6	130.9	97.2	64.3	35.8	11.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	161.4	128.3	95.1	63.0	35.0	11.7	0.0
-25°	157.8	125.3	92.8	61.6	34.2	11.5	0.0
-27.5°	153.7	121.9	90.2	59.9	33.2	11.3	0.0
-30°	149.3	118.1	87.4	58.2	32.2	11.0	0.0
-32.5°	144.5	114.0	84.2	56.2	31.1	10.7	0.0
-35°	139.2	109.7	80.9	54.1	29.8	10.4	0.0
-37.5°	133.6	105.0	77.3	51.9	28.5	10.1	0.0
-40°	127.7	100.3	73.5	49.5	27.0	9.7	0.0
-42.5°	121.3	95.3	69.8	47.0	25.5	9.4	0.0
-45°	114.7	90.1	66.1	44.2	23.9	9.0	0.0
-47.5°	107.6	84.7	62.2	41.3	22.2	8.6	0.0
-50°	100.9	79.1	58.2	38.5	20.5	8.2	0.0
-52.5°	94.0	73.3	53.9	35.7	18.6	7.7	0.0
-55°	86.9	67.7	49.6	32.7	16.7	7.3	0.0
-57.5°	79.7	62.0	45.0	29.7	14.7	6.8	0.0
-60°	72.3	56.1	40.4	26.6	12.7	6.3	0.0
-62.5°	64.9	50.0	36.1	23.4	11.7	5.9	0.0
-65°	57.3	43.8	31.8	20.1	10.7	5.4	0.0
-67.5°	49.6	37.8	27.3	16.8	9.7	4.9	0.0
-70°	41.6	32.2	22.8	13.4	8.7	4.3	0.0
-72.5°	34.6	26.4	18.2	11.4	7.6	3.8	0.0
-75°	27.7	20.6	13.5	9.8	6.6	3.3	0.0
-77.5°	20.6	14.8	10.9	8.2	5.5	2.7	0.0
-80°	13.5	10.9	8.8	6.6	4.4	2.2	0.0
-82.5°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
-85°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.7	2.2	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)