

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: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-MWR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626837 (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-SA2B-727-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N39  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8279.5 lumens  
Efficiency: N/A  
Efficacy: 130.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 9728.1 candela  
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 5495.4 lumens  
Beam Efficiency: 66.4%

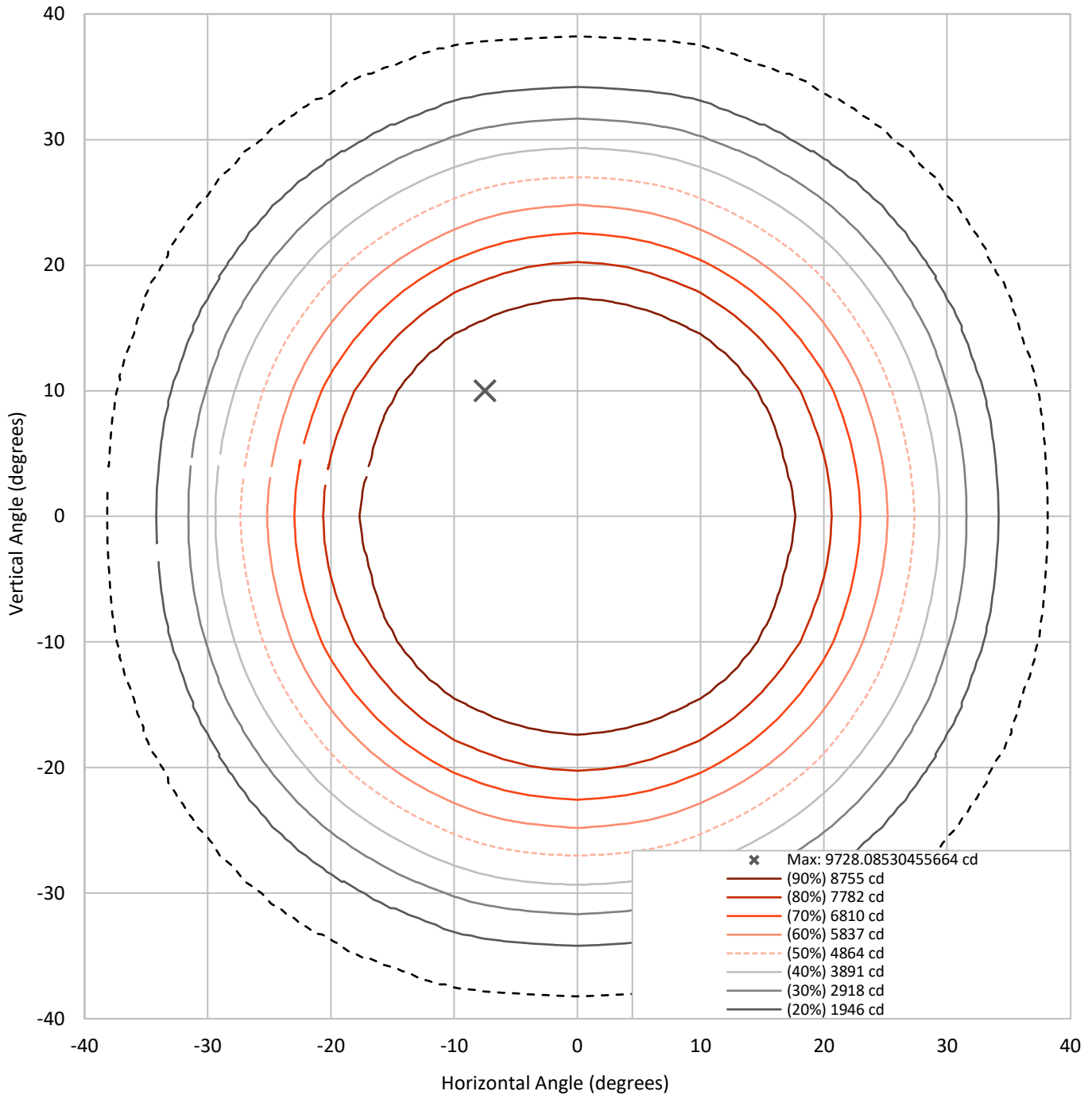
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 7145.7 lumens  
Field Efficiency: 86.3%

Input Watts (W): 63.6  
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





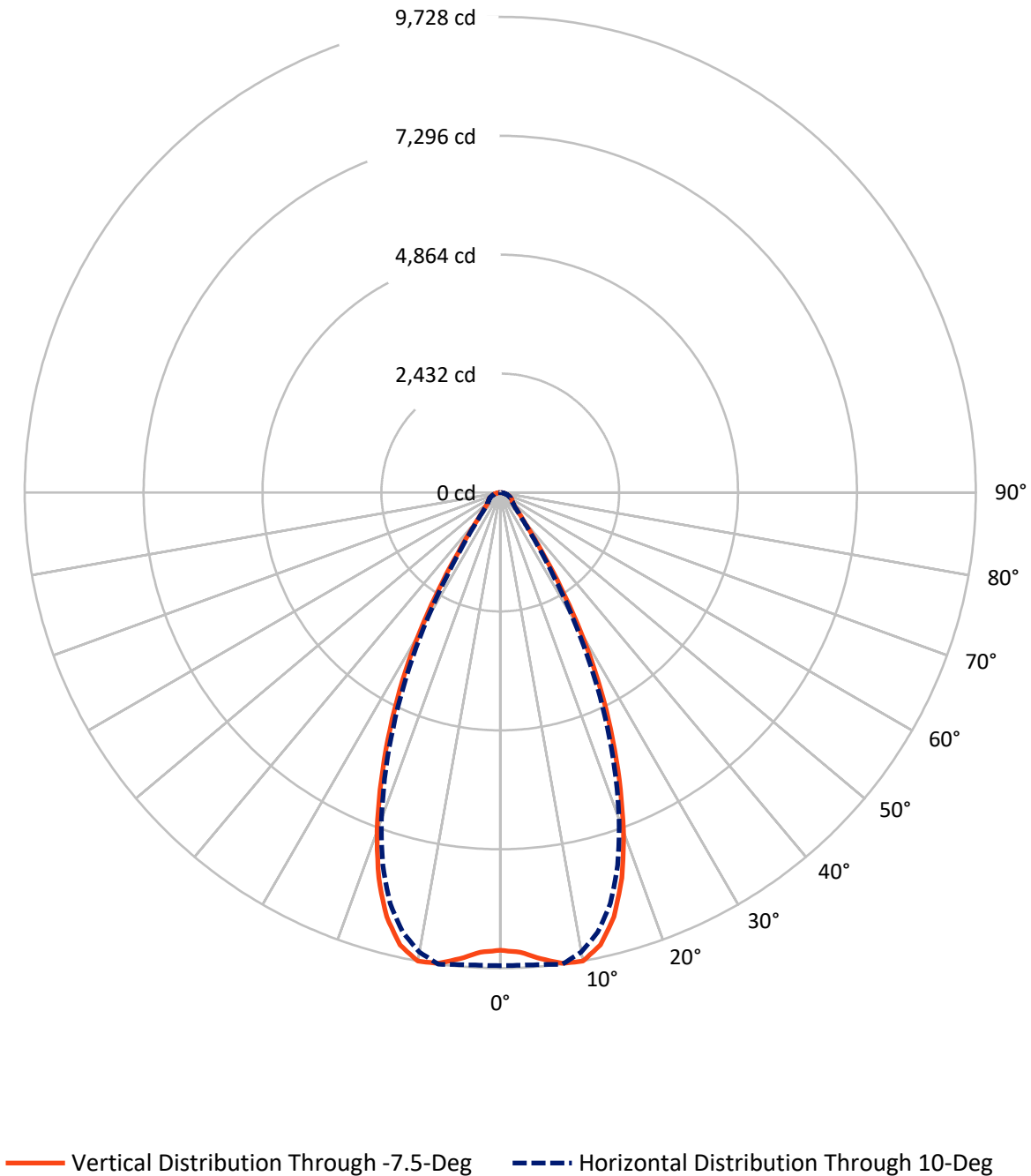
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### Lumen Table

90	0.2	1.9	5.2	8.2	9.2	8.2	5.2	1.9	0.2							
80	0.2	1.9	5.2	8.2	9.2	8.2	5.2	1.9	0.2							
70	0.9	1.0	2.0	3.3	4.6	5.6	6.4	6.7	6.7	6.4	5.6	4.6	3.3	2.0	1.0	0.9
60		1.5	3.0	4.8	6.4	7.7	8.6	9.0	9.0	8.6	7.7	6.4	4.8	3.0	1.5	
50	1.6	1.9	3.8	5.8	7.8	10.1	12.7	14.6	14.6	12.7	10.1	7.8	5.8	3.8	1.9	1.6
40		2.3	4.4	6.7	10.3	18.8	36.0	53.4	53.4	36.0	18.8	10.3	6.7	4.4	2.3	
30	2.0	2.6	4.8	7.8	17.0	53.1	119.2	166.5	166.5	119.2	53.1	17.0	7.8	4.8	2.6	2.0
20		2.7	5.0	9.2	30.7	113.3	216.4	270.8	270.8	216.4	113.3	30.7	9.2	5.0	2.7	
10	2.2	2.8	5.2	10.4	44.1	155.1	262.5	285.6	285.6	262.5	155.1	44.1	10.4	5.2	2.8	2.2
0		2.8	5.2	10.4	44.1	155.1	262.5	285.6	285.6	262.5	155.1	44.1	10.4	5.2	2.8	
-10	2.0	2.7	5.0	9.2	30.7	113.3	216.4	270.8	270.8	216.4	113.3	30.7	9.2	5.0	2.7	2.0
-20		2.6	4.8	7.8	17.0	53.1	119.2	166.5	166.5	119.2	53.1	17.0	7.8	4.8	2.6	
-30	1.6	2.3	4.4	6.7	10.3	18.8	36.0	53.4	53.4	36.0	18.8	10.3	6.7	4.4	2.3	1.6
-40		1.9	3.8	5.8	7.8	10.1	12.7	14.6	14.6	12.7	10.1	7.8	5.8	3.8	1.9	
-50	0.9	1.5	3.0	4.8	6.4	7.7	8.6	9.0	9.0	8.6	7.7	6.4	4.8	3.0	1.5	0.9
-60		1.0	2.0	3.3	4.6	5.6	6.4	6.7	6.7	6.4	5.6	4.6	3.3	2.0	1.0	
-70	0.2	1.9	5.2	8.2	9.2	8.2	5.2	1.9	0.2							
-80		0.2	1.9	5.2	8.2	9.2	8.2	5.2	1.9	0.2						
-90	0.2	1.9	5.2	8.2	9.2	8.2	5.2	1.9	0.2							

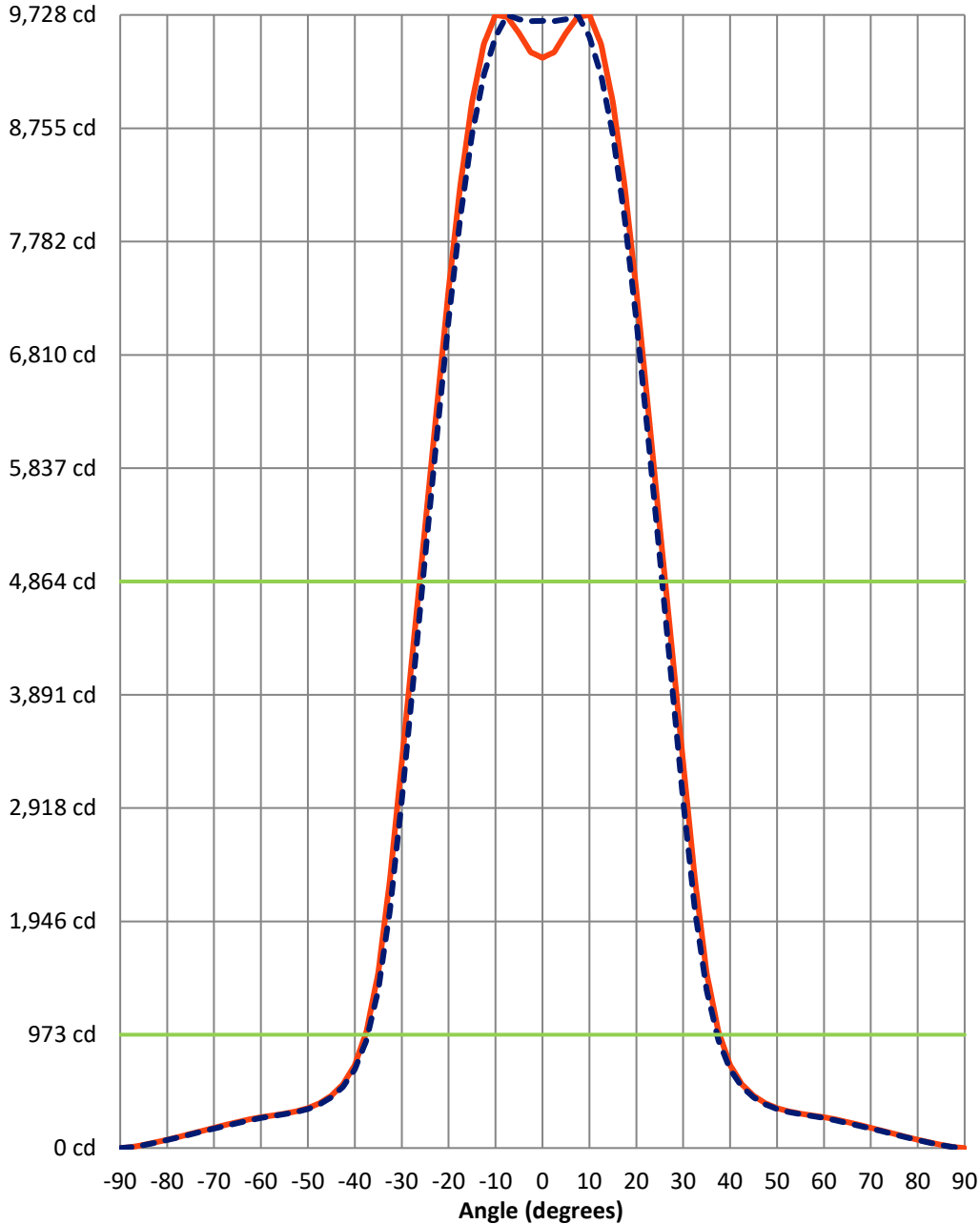
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 5495.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 7145.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1133.8  
 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	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.2	3.7	4.3
85°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.4	6.4	7.5	8.6
82.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.7	12.3	14.7
80°	0.0	1.5	2.9	4.4	5.9	7.3	9.1	12.5	15.8	18.9	21.8
77.5°	0.0	1.8	3.7	5.5	7.3	9.9	13.8	17.9	21.8	25.5	29.4
75°	0.0	2.2	4.4	6.6	9.1	13.8	18.5	23.3	27.9	33.3	38.6
72.5°	0.0	2.6	5.1	7.6	12.2	17.7	23.2	28.9	35.2	41.5	47.6
70°	0.0	2.9	5.8	8.9	15.3	21.6	27.9	35.2	42.5	49.6	57.0
67.5°	0.0	3.3	6.5	11.2	18.3	25.3	33.2	41.5	49.6	57.9	66.4
65°	0.0	3.6	7.2	13.5	21.3	29.3	38.4	47.6	56.7	66.1	75.9
62.5°	0.0	3.9	7.8	15.6	24.2	33.5	43.5	53.7	63.7	74.3	86.2
60°	0.0	4.2	8.5	17.8	27.1	37.6	48.5	59.6	70.5	83.2	96.2
57.5°	0.0	4.6	9.9	19.9	30.2	41.6	53.5	65.3	77.9	91.8	105.6
55°	0.0	4.9	11.2	21.9	33.2	45.4	58.3	70.9	85.3	100.1	114.7
52.5°	0.0	5.2	12.5	23.9	36.2	49.2	63.0	77.1	92.4	108.0	123.5
50°	0.0	5.5	13.7	25.8	39.0	53.1	67.7	83.1	99.2	115.7	132.0
47.5°	0.0	5.7	14.9	27.7	41.7	56.8	72.2	88.8	105.8	123.1	140.2
45°	0.0	6.0	16.0	29.6	44.3	60.4	76.9	94.3	112.2	130.2	148.1
42.5°	0.0	6.3	17.1	31.5	46.8	63.9	81.4	99.6	118.2	137.0	155.5
40°	0.0	6.5	18.1	33.2	49.3	67.3	85.6	104.6	123.9	143.5	162.7
37.5°	0.0	6.7	19.1	34.8	51.8	70.4	89.6	109.3	129.5	149.7	169.7
35°	0.0	7.0	20.0	36.3	54.2	73.6	93.4	113.6	134.7	155.6	176.1
32.5°	0.0	7.2	20.8	37.7	56.5	76.5	96.9	117.7	139.7	161.1	181.8
30°	0.0	7.4	21.6	39.0	58.6	79.2	100.2	121.6	144.5	166.1	187.0
27.5°	0.0	7.5	22.3	40.2	60.5	81.7	103.1	125.3	148.8	170.7	191.9
25°	0.0	7.7	22.9	41.3	62.3	84.0	105.8	128.8	152.5	174.7	196.4
22.5°	0.0	7.9	23.5	42.3	63.8	86.1	108.3	132.0	155.9	178.3	200.4
20°	0.0	8.0	24.0	43.1	65.2	87.8	110.4	134.9	158.8	181.5	204.0
17.5°	0.0	8.1	24.4	43.9	66.4	89.3	112.4	137.4	161.4	184.4	207.2
15°	0.0	8.2	24.7	44.6	67.4	90.6	114.1	139.7	163.6	186.8	209.9
12.5°	0.0	8.3	25.0	45.1	68.3	91.7	115.6	141.7	165.5	188.8	212.1
10°	0.0	8.4	25.3	45.5	68.9	92.5	116.9	143.4	167.2	190.7	214.0
7.5°	0.0	8.4	25.4	45.8	69.4	93.1	117.9	144.7	168.5	192.2	215.7
5°	0.0	8.5	25.5	46.0	69.7	93.5	118.6	145.7	169.4	193.2	216.9
2.5°	0.0	8.5	25.5	46.1	69.9	93.7	119.1	146.2	170.0	193.9	217.7
0°	0.0	8.5	25.5	46.0	69.8	93.6	119.2	146.4	170.2	194.1	217.9
-2.5°	0.0	8.5	25.5	46.1	69.9	93.7	119.1	146.2	170.0	193.9	217.7
-5°	0.0	8.5	25.5	46.0	69.7	93.5	118.6	145.7	169.4	193.2	216.9
-7.5°	0.0	8.4	25.4	45.8	69.4	93.1	117.9	144.7	168.5	192.2	215.7
-10°	0.0	8.4	25.3	45.5	68.9	92.5	116.9	143.4	167.2	190.7	214.0
-12.5°	0.0	8.3	25.0	45.1	68.3	91.7	115.6	141.7	165.5	188.8	212.1
-15°	0.0	8.2	24.7	44.6	67.4	90.6	114.1	139.7	163.6	186.8	209.9
-17.5°	0.0	8.1	24.4	43.9	66.4	89.3	112.4	137.4	161.4	184.4	207.2
-20°	0.0	8.0	24.0	43.1	65.2	87.8	110.4	134.9	158.8	181.5	204.0

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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	7.9	23.5	42.3	63.8	86.1	108.3	132.0	155.9	178.3	200.4
-25°	0.0	7.7	22.9	41.3	62.3	84.0	105.8	128.8	152.5	174.7	196.4
-27.5°	0.0	7.5	22.3	40.2	60.5	81.7	103.1	125.3	148.8	170.7	191.9
-30°	0.0	7.4	21.6	39.0	58.6	79.2	100.2	121.6	144.5	166.1	187.0
-32.5°	0.0	7.2	20.8	37.7	56.5	76.5	96.9	117.7	139.7	161.1	181.8
-35°	0.0	7.0	20.0	36.3	54.2	73.6	93.4	113.6	134.7	155.6	176.1
-37.5°	0.0	6.7	19.1	34.8	51.8	70.4	89.6	109.3	129.5	149.7	169.7
-40°	0.0	6.5	18.1	33.2	49.3	67.3	85.6	104.6	123.9	143.5	162.7
-42.5°	0.0	6.3	17.1	31.5	46.8	63.9	81.4	99.6	118.2	137.0	155.5
-45°	0.0	6.0	16.0	29.6	44.3	60.4	76.9	94.3	112.2	130.2	148.1
-47.5°	0.0	5.7	14.9	27.7	41.7	56.8	72.2	88.8	105.8	123.1	140.2
-50°	0.0	5.5	13.7	25.8	39.0	53.1	67.7	83.1	99.2	115.7	132.0
-52.5°	0.0	5.2	12.5	23.9	36.2	49.2	63.0	77.1	92.4	108.0	123.5
-55°	0.0	4.9	11.2	21.9	33.2	45.4	58.3	70.9	85.3	100.1	114.7
-57.5°	0.0	4.6	9.9	19.9	30.2	41.6	53.5	65.3	77.9	91.8	105.6
-60°	0.0	4.2	8.5	17.8	27.1	37.6	48.5	59.6	70.5	83.2	96.2
-62.5°	0.0	3.9	7.8	15.6	24.2	33.5	43.5	53.7	63.7	74.3	86.2
-65°	0.0	3.6	7.2	13.5	21.3	29.3	38.4	47.6	56.7	66.1	75.9
-67.5°	0.0	3.3	6.5	11.2	18.3	25.3	33.2	41.5	49.6	57.9	66.4
-70°	0.0	2.9	5.8	8.9	15.3	21.6	27.9	35.2	42.5	49.6	57.0
-72.5°	0.0	2.6	5.1	7.6	12.2	17.7	23.2	28.9	35.2	41.5	47.6
-75°	0.0	2.2	4.4	6.6	9.1	13.8	18.5	23.3	27.9	33.3	38.6
-77.5°	0.0	1.8	3.7	5.5	7.3	9.9	13.8	17.9	21.8	25.5	29.4
-80°	0.0	1.5	2.9	4.4	5.9	7.3	9.1	12.5	15.8	18.9	21.8
-82.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.7	12.3	14.7
-85°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.4	6.4	7.5	8.6
-87.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.2	3.7	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
85°	9.4	10.2	11.5	12.9	14.2	15.5	16.7	17.9	19.1	20.1	21.2
82.5°	16.8	19.0	21.3	23.6	25.6	27.5	29.4	31.3	33.3	35.2	37.1
80°	24.8	27.8	31.4	34.7	37.7	40.5	43.1	45.7	48.5	51.5	54.6
77.5°	34.0	38.4	42.5	46.4	50.1	54.1	58.0	61.8	65.7	69.6	73.3
75°	43.8	48.8	54.1	59.3	64.3	69.2	73.9	78.8	83.7	88.5	93.2
72.5°	54.0	60.3	66.5	72.6	78.8	84.9	90.8	96.4	102.3	108.3	114.0
70°	64.5	71.7	79.4	86.7	93.8	100.9	108.1	115.0	121.8	128.7	135.6
67.5°	75.1	84.2	92.8	101.0	109.3	117.7	125.8	134.1	142.1	150.1	157.8
65°	86.8	96.7	106.2	115.6	125.0	134.8	144.4	153.6	162.9	171.9	180.0
62.5°	98.3	108.9	119.3	130.0	141.2	152.2	162.7	173.3	184.1	193.5	201.7
60°	108.8	120.6	132.3	144.4	156.8	168.7	180.4	192.0	203.6	214.4	221.0
57.5°	119.1	132.0	144.9	158.0	171.1	184.4	196.7	209.3	220.1	229.2	237.0
55°	129.0	143.1	156.8	170.6	184.7	198.5	211.9	223.9	234.5	242.1	249.6
52.5°	138.7	153.5	167.7	182.6	197.6	212.2	226.2	237.4	246.1	253.9	260.9
50°	148.0	163.1	178.2	194.3	210.1	225.6	238.8	248.6	257.4	264.9	272.3
47.5°	156.8	172.6	188.6	205.5	222.2	237.2	249.3	259.6	268.5	276.7	285.3
45°	165.3	182.0	198.9	216.4	233.4	247.9	259.6	270.6	279.0	288.2	298.1
42.5°	173.5	191.0	208.8	226.8	244.0	257.6	269.2	279.3	289.2	300.1	312.1
40°	181.3	199.5	218.0	236.9	254.0	266.0	277.4	288.1	300.1	313.1	327.1
37.5°	188.6	207.5	226.8	246.3	261.4	273.8	285.4	297.3	311.3	326.4	345.2
35°	195.4	215.0	234.9	253.7	268.0	281.1	293.1	306.5	322.8	342.5	366.6
32.5°	201.7	221.9	242.4	259.6	274.0	287.7	300.0	316.7	336.3	359.7	393.9
30°	207.6	228.2	248.8	265.4	279.5	293.2	308.3	327.1	349.9	384.1	427.9
27.5°	213.0	234.0	253.8	270.3	284.4	298.5	316.2	338.9	369.1	409.9	464.3
25°	217.9	239.5	258.6	274.3	288.9	304.6	323.8	349.3	389.0	441.7	515.2
22.5°	222.4	244.4	263.2	277.8	293.2	310.2	332.6	364.5	410.2	471.8	566.6
20°	226.5	248.2	266.7	281.2	297.1	314.8	340.4	378.9	434.0	513.7	634.7
17.5°	230.0	251.4	269.2	284.4	300.9	320.0	348.0	391.3	455.2	550.3	703.7
15°	233.0	254.2	271.4	287.1	304.3	325.9	358.6	407.6	479.7	588.3	763.7
12.5°	235.5	256.5	273.2	289.3	307.0	330.9	367.6	423.0	505.2	635.1	852.3
10°	237.5	258.4	274.6	291.0	309.2	334.9	375.0	435.5	526.3	675.6	927.8
7.5°	239.4	259.7	275.5	292.2	310.7	337.9	380.6	445.2	542.5	707.4	987.5
5°	240.7	260.5	276.0	293.0	312.0	339.8	384.4	451.9	553.7	730.2	1029.6
2.5°	241.5	260.7	276.1	293.1	313.0	340.7	386.4	455.6	562.5	741.0	1052.1
0°	241.8	260.5	275.8	292.8	313.3	340.5	386.5	456.3	566.9	740.6	1055.5
-2.5°	241.5	260.7	276.1	293.1	313.0	340.7	386.4	455.6	562.5	741.0	1052.1
-5°	240.7	260.5	276.0	293.0	312.0	339.8	384.4	451.9	553.7	730.2	1029.6
-7.5°	239.4	259.7	275.5	292.2	310.7	337.9	380.6	445.2	542.5	707.4	987.5
-10°	237.5	258.4	274.6	291.0	309.2	334.9	375.0	435.5	526.3	675.6	927.8
-12.5°	235.5	256.5	273.2	289.3	307.0	330.9	367.6	423.0	505.2	635.1	852.3
-15°	233.0	254.2	271.4	287.1	304.3	325.9	358.6	407.6	479.7	588.3	763.7
-17.5°	230.0	251.4	269.2	284.4	300.9	320.0	348.0	391.3	455.2	550.3	703.7
-20°	226.5	248.2	266.7	281.2	297.1	314.8	340.4	378.9	434.0	513.7	634.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	222.4	244.4	263.2	277.8	293.2	310.2	332.6	364.5	410.2	471.8	566.6
-25°	217.9	239.5	258.6	274.3	288.9	304.6	323.8	349.3	389.0	441.7	515.2
-27.5°	213.0	234.0	253.8	270.3	284.4	298.5	316.2	338.9	369.1	409.9	464.3
-30°	207.6	228.2	248.8	265.4	279.5	293.2	308.3	327.1	349.9	384.1	427.9
-32.5°	201.7	221.9	242.4	259.6	274.0	287.7	300.0	316.7	336.3	359.7	393.9
-35°	195.4	215.0	234.9	253.7	268.0	281.1	293.1	306.5	322.8	342.5	366.6
-37.5°	188.6	207.5	226.8	246.3	261.4	273.8	285.4	297.3	311.3	326.4	345.2
-40°	181.3	199.5	218.0	236.9	254.0	266.0	277.4	288.1	300.1	313.1	327.1
-42.5°	173.5	191.0	208.8	226.8	244.0	257.6	269.2	279.3	289.2	300.1	312.1
-45°	165.3	182.0	198.9	216.4	233.4	247.9	259.6	270.6	279.0	288.2	298.1
-47.5°	156.8	172.6	188.6	205.5	222.2	237.2	249.3	259.6	268.5	276.7	285.3
-50°	148.0	163.1	178.2	194.3	210.1	225.6	238.8	248.6	257.4	264.9	272.3
-52.5°	138.7	153.5	167.7	182.6	197.6	212.2	226.2	237.4	246.1	253.9	260.9
-55°	129.0	143.1	156.8	170.6	184.7	198.5	211.9	223.9	234.5	242.1	249.6
-57.5°	119.1	132.0	144.9	158.0	171.1	184.4	196.7	209.3	220.1	229.2	237.0
-60°	108.8	120.6	132.3	144.4	156.8	168.7	180.4	192.0	203.6	214.4	221.0
-62.5°	98.3	108.9	119.3	130.0	141.2	152.2	162.7	173.3	184.1	193.5	201.7
-65°	86.8	96.7	106.2	115.6	125.0	134.8	144.4	153.6	162.9	171.9	180.0
-67.5°	75.1	84.2	92.8	101.0	109.3	117.7	125.8	134.1	142.1	150.1	157.8
-70°	64.5	71.7	79.4	86.7	93.8	100.9	108.1	115.0	121.8	128.7	135.6
-72.5°	54.0	60.3	66.5	72.6	78.8	84.9	90.8	96.4	102.3	108.3	114.0
-75°	43.8	48.8	54.1	59.3	64.3	69.2	73.9	78.8	83.7	88.5	93.2
-77.5°	34.0	38.4	42.5	46.4	50.1	54.1	58.0	61.8	65.7	69.6	73.3
-80°	24.8	27.8	31.4	34.7	37.7	40.5	43.1	45.7	48.5	51.5	54.6
-82.5°	16.8	19.0	21.3	23.6	25.6	27.5	29.4	31.3	33.3	35.2	37.1
-85°	9.4	10.2	11.5	12.9	14.2	15.5	16.7	17.9	19.1	20.1	21.2
-87.5°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
-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: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	8.4	8.2	8.1	7.9	7.7	8.2	8.8	9.3	9.8	9.5	9.2
85°	22.1	22.6	23.0	23.4	23.7	24.8	25.8	26.7	27.6	27.6	27.5
82.5°	39.0	40.2	41.3	42.3	43.2	44.4	45.5	46.5	47.3	47.9	48.4
80°	57.5	59.5	61.3	62.8	64.3	65.9	67.4	68.8	69.9	70.6	71.0
77.5°	77.0	79.9	82.6	85.1	87.5	89.9	92.1	94.0	95.7	96.1	96.0
75°	97.6	101.6	105.3	108.8	112.0	114.8	117.1	119.1	120.7	121.5	122.0
72.5°	119.4	124.3	128.7	132.7	136.1	139.0	141.4	143.6	145.3	146.5	147.2
70°	142.1	147.9	152.4	156.2	159.1	161.9	165.1	168.2	171.0	172.6	173.2
67.5°	164.9	170.9	175.1	178.5	181.2	184.0	187.9	191.5	194.7	196.9	198.3
65°	187.2	193.5	197.7	200.9	203.4	206.2	210.6	214.2	216.9	219.1	221.0
62.5°	209.2	215.6	220.2	224.1	227.6	230.7	234.4	237.4	239.7	241.9	244.3
60°	228.2	235.8	240.7	244.6	249.1	253.9	256.6	258.8	260.8	262.5	264.0
57.5°	243.8	250.6	256.9	261.6	266.2	270.6	273.8	275.9	277.6	278.9	279.4
55°	256.9	263.9	270.8	276.0	280.5	284.6	288.1	290.9	293.1	294.9	295.3
52.5°	268.6	276.4	283.2	289.1	295.1	300.0	303.9	307.6	310.9	313.5	314.7
50°	281.2	289.5	298.0	305.9	312.3	317.9	322.6	327.9	333.4	338.0	340.9
47.5°	294.6	304.1	314.4	324.2	331.8	340.0	347.7	355.6	365.9	374.6	381.1
45°	308.6	320.8	332.6	344.9	355.4	371.0	385.6	398.0	414.6	429.6	441.6
42.5°	325.1	340.3	354.7	374.6	395.4	416.7	439.8	459.5	485.4	511.8	533.1
40°	344.7	364.0	389.5	416.2	449.0	478.4	518.2	553.7	593.4	643.7	685.2
37.5°	368.2	398.1	433.5	470.7	521.8	570.7	636.5	705.9	768.9	865.6	946.9
35°	398.8	440.5	487.2	553.0	625.4	716.9	819.6	953.7	1068.7	1231.8	1387.6
32.5°	438.2	491.9	568.1	669.6	776.6	942.8	1105.9	1338.7	1554.2	1812.7	2091.6
30°	482.1	563.7	680.2	819.4	1019.0	1263.6	1551.0	1908.5	2299.8	2663.0	3021.0
27.5°	545.7	662.6	815.6	1040.2	1351.3	1693.6	2197.1	2682.4	3188.7	3638.8	4014.2
25°	619.9	774.4	1010.9	1341.7	1762.5	2348.6	2951.3	3550.3	4094.8	4566.0	4980.8
22.5°	715.7	938.0	1253.2	1681.7	2336.9	3039.4	3746.2	4406.8	4987.7	5512.4	5961.4
20°	819.9	1098.0	1548.3	2187.2	2936.5	3736.8	4534.8	5238.6	5878.2	6473.1	6979.1
17.5°	952.1	1341.5	1911.7	2678.1	3544.5	4421.2	5259.7	6023.4	6749.0	7378.6	7907.3
15°	1064.7	1555.9	2300.1	3199.0	4136.0	5060.9	5946.2	6775.7	7530.1	8176.0	8673.1
12.5°	1214.9	1796.3	2644.9	3646.7	4662.2	5635.4	6567.8	7425.2	8192.9	8831.7	9218.7
10°	1356.8	2045.1	2978.3	4023.0	5078.0	6114.9	7110.4	7989.7	8702.5	9210.7	9540.5
7.5°	1477.5	2258.9	3249.4	4327.1	5408.3	6492.4	7500.1	8355.7	9012.9	9437.3	9666.9
5°	1567.6	2418.8	3450.7	4574.3	5683.7	6786.8	7786.7	8589.8	9157.9	9473.2	9588.4
2.5°	1625.1	2512.6	3567.4	4736.4	5867.9	6973.1	7983.2	8773.8	9255.8	9464.7	9484.6
0°	1648.0	2524.8	3585.4	4821.4	5914.4	7026.2	8039.1	8849.5	9292.2	9464.1	9460.7
-2.5°	1625.1	2512.6	3567.4	4736.4	5867.9	6973.1	7983.2	8773.8	9255.8	9464.7	9484.6
-5°	1567.6	2418.8	3450.7	4574.3	5683.7	6786.8	7786.7	8589.8	9157.9	9473.2	9588.4
-7.5°	1477.5	2258.9	3249.4	4327.1	5408.3	6492.4	7500.1	8355.7	9012.9	9437.3	9666.9
-10°	1356.8	2045.1	2978.3	4023.0	5078.0	6114.9	7110.4	7989.7	8702.5	9210.7	9540.5
-12.5°	1214.9	1796.3	2644.9	3646.7	4662.2	5635.4	6567.8	7425.2	8192.9	8831.7	9218.7
-15°	1064.7	1555.9	2300.1	3199.0	4136.0	5060.9	5946.2	6775.7	7530.1	8176.0	8673.1
-17.5°	952.1	1341.5	1911.7	2678.1	3544.5	4421.2	5259.7	6023.4	6749.0	7378.6	7907.3
-20°	819.9	1098.0	1548.3	2187.2	2936.5	3736.8	4534.8	5238.6	5878.2	6473.1	6979.1

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	715.7	938.0	1253.2	1681.7	2336.9	3039.4	3746.2	4406.8	4987.7	5512.4	5961.4
-25°	619.9	774.4	1010.9	1341.7	1762.5	2348.6	2951.3	3550.3	4094.8	4566.0	4980.8
-27.5°	545.7	662.6	815.6	1040.2	1351.3	1693.6	2197.1	2682.4	3188.7	3638.8	4014.2
-30°	482.1	563.7	680.2	819.4	1019.0	1263.6	1551.0	1908.5	2299.8	2663.0	3021.0
-32.5°	438.2	491.9	568.1	669.6	776.6	942.8	1105.9	1338.7	1554.2	1812.7	2091.6
-35°	398.8	440.5	487.2	553.0	625.4	716.9	819.6	953.7	1068.7	1231.8	1387.6
-37.5°	368.2	398.1	433.5	470.7	521.8	570.7	636.5	705.9	768.9	865.6	946.9
-40°	344.7	364.0	389.5	416.2	449.0	478.4	518.2	553.7	593.4	643.7	685.2
-42.5°	325.1	340.3	354.7	374.6	395.4	416.7	439.8	459.5	485.4	511.8	533.1
-45°	308.6	320.8	332.6	344.9	355.4	371.0	385.6	398.0	414.6	429.6	441.6
-47.5°	294.6	304.1	314.4	324.2	331.8	340.0	347.7	355.6	365.9	374.6	381.1
-50°	281.2	289.5	298.0	305.9	312.3	317.9	322.6	327.9	333.4	338.0	340.9
-52.5°	268.6	276.4	283.2	289.1	295.1	300.0	303.9	307.6	310.9	313.5	314.7
-55°	256.9	263.9	270.8	276.0	280.5	284.6	288.1	290.9	293.1	294.9	295.3
-57.5°	243.8	250.6	256.9	261.6	266.2	270.6	273.8	275.9	277.6	278.9	279.4
-60°	228.2	235.8	240.7	244.6	249.1	253.9	256.6	258.8	260.8	262.5	264.0
-62.5°	209.2	215.6	220.2	224.1	227.6	230.7	234.4	237.4	239.7	241.9	244.3
-65°	187.2	193.5	197.7	200.9	203.4	206.2	210.6	214.2	216.9	219.1	221.0
-67.5°	164.9	170.9	175.1	178.5	181.2	184.0	187.9	191.5	194.7	196.9	198.3
-70°	142.1	147.9	152.4	156.2	159.1	161.9	165.1	168.2	171.0	172.6	173.2
-72.5°	119.4	124.3	128.7	132.7	136.1	139.0	141.4	143.6	145.3	146.5	147.2
-75°	97.6	101.6	105.3	108.8	112.0	114.8	117.1	119.1	120.7	121.5	122.0
-77.5°	77.0	79.9	82.6	85.1	87.5	89.9	92.1	94.0	95.7	96.1	96.0
-80°	57.5	59.5	61.3	62.8	64.3	65.9	67.4	68.8	69.9	70.6	71.0
-82.5°	39.0	40.2	41.3	42.3	43.2	44.4	45.5	46.5	47.3	47.9	48.4
-85°	22.1	22.6	23.0	23.4	23.7	24.8	25.8	26.7	27.6	27.6	27.5
-87.5°	8.4	8.2	8.1	7.9	7.7	8.2	8.8	9.3	9.8	9.5	9.2
-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: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	8.8	8.5	8.5	8.5	8.5	8.5	8.8	9.2	9.5	9.8	9.3
85°	27.3	27.1	26.3	25.5	26.3	27.1	27.3	27.5	27.6	27.6	26.7
82.5°	48.8	49.1	48.5	47.7	48.5	49.1	48.8	48.4	47.9	47.3	46.5
80°	71.2	71.2	70.6	69.8	70.6	71.2	71.2	71.0	70.6	69.9	68.8
77.5°	95.6	94.9	95.2	95.3	95.2	94.9	95.6	96.0	96.1	95.7	94.0
75°	122.1	122.0	121.6	120.9	121.6	122.0	122.1	122.0	121.5	120.7	119.1
72.5°	147.5	147.5	147.1	146.4	147.1	147.5	147.5	147.2	146.5	145.3	143.6
70°	173.4	173.0	173.5	173.7	173.5	173.0	173.4	173.2	172.6	171.0	168.2
67.5°	199.3	200.0	199.9	199.2	199.9	200.0	199.3	198.3	196.9	194.7	191.5
65°	222.6	223.7	224.5	224.7	224.5	223.7	222.6	221.0	219.1	216.9	214.2
62.5°	246.2	247.5	247.6	246.9	247.6	247.5	246.2	244.3	241.9	239.7	237.4
60°	264.8	265.0	264.7	263.9	264.7	265.0	264.8	264.0	262.5	260.8	258.8
57.5°	279.4	278.9	278.3	277.5	278.3	278.9	279.4	279.4	278.9	277.6	275.9
55°	295.1	294.3	293.6	292.8	293.6	294.3	295.1	295.3	294.9	293.1	290.9
52.5°	314.9	314.5	314.0	313.3	314.0	314.5	314.9	314.7	313.5	310.9	307.6
50°	342.4	342.8	342.8	342.2	342.8	342.8	342.4	340.9	338.0	333.4	327.9
47.5°	385.1	387.4	389.0	389.9	389.0	387.4	385.1	381.1	374.6	365.9	355.6
45°	449.2	453.8	457.0	459.7	457.0	453.8	449.2	441.6	429.6	414.6	398.0
42.5°	548.0	558.2	563.0	561.8	563.0	558.2	548.0	533.1	511.8	485.4	459.5
40°	712.9	729.3	738.5	745.7	738.5	729.3	712.9	685.2	643.7	593.4	553.7
37.5°	1002.5	1034.3	1051.1	1065.8	1051.1	1034.3	1002.5	946.9	865.6	768.9	705.9
35°	1504.0	1575.8	1614.2	1627.6	1614.2	1575.8	1504.0	1387.6	1231.8	1068.7	953.7
32.5°	2308.7	2441.0	2514.2	2570.8	2514.2	2441.0	2308.7	2091.6	1812.7	1554.2	1338.7
30°	3304.5	3478.8	3575.6	3622.9	3575.6	3478.8	3304.5	3021.0	2663.0	2299.8	1908.5
27.5°	4325.4	4523.5	4627.9	4622.2	4627.9	4523.5	4325.4	4014.2	3638.8	3188.7	2682.4
25°	5336.3	5565.8	5669.8	5762.9	5669.8	5565.8	5336.3	4980.8	4566.0	4094.8	3550.3
22.5°	6358.8	6627.2	6773.6	6842.3	6773.6	6627.2	6358.8	5961.4	5512.4	4987.7	4406.8
20°	7369.1	7667.9	7823.4	7891.0	7823.4	7667.9	7369.1	6979.1	6473.1	5878.2	5238.6
17.5°	8265.2	8556.8	8705.0	8767.8	8705.0	8556.8	8265.2	7907.3	7378.6	6749.0	6023.4
15°	8980.6	9195.8	9321.8	9355.2	9321.8	9195.8	8980.6	8673.1	8176.0	7530.1	6775.7
12.5°	9475.2	9558.6	9619.2	9637.8	9619.2	9558.6	9475.2	9218.7	8831.7	8192.9	7425.2
10°	9728.1	9690.5	9674.9	9676.9	9674.9	9690.5	9728.1	9540.5	9210.7	8702.5	7989.7
7.5°	9710.7	9655.0	9543.2	9525.4	9543.2	9655.0	9710.7	9666.9	9437.3	9012.9	8355.7
5°	9571.2	9469.8	9284.2	9230.9	9284.2	9469.8	9571.2	9588.4	9473.2	9157.9	8589.8
2.5°	9408.6	9225.9	9054.9	8944.9	9054.9	9225.9	9408.6	9484.6	9464.7	9255.8	8773.8
0°	9360.3	9149.2	8927.8	8856.3	8927.8	9149.2	9360.3	9460.7	9464.1	9292.2	8849.5
-2.5°	9408.6	9225.9	9054.9	8944.9	9054.9	9225.9	9408.6	9484.6	9464.7	9255.8	8773.8
-5°	9571.2	9469.8	9284.2	9230.9	9284.2	9469.8	9571.2	9588.4	9473.2	9157.9	8589.8
-7.5°	9710.7	9655.0	9543.2	9525.4	9543.2	9655.0	9710.7	9666.9	9437.3	9012.9	8355.7
-10°	9728.1	9690.5	9674.9	9676.9	9674.9	9690.5	9728.1	9540.5	9210.7	8702.5	7989.7
-12.5°	9475.2	9558.6	9619.2	9637.8	9619.2	9558.6	9475.2	9218.7	8831.7	8192.9	7425.2
-15°	8980.6	9195.8	9321.8	9355.2	9321.8	9195.8	8980.6	8673.1	8176.0	7530.1	6775.7
-17.5°	8265.2	8556.8	8705.0	8767.8	8705.0	8556.8	8265.2	7907.3	7378.6	6749.0	6023.4
-20°	7369.1	7667.9	7823.4	7891.0	7823.4	7667.9	7369.1	6979.1	6473.1	5878.2	5238.6



REPORT NUMBER: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	6358.8	6627.2	6773.6	6842.3	6773.6	6627.2	6358.8	5961.4	5512.4	4987.7	4406.8
-25°	5336.3	5565.8	5669.8	5762.9	5669.8	5565.8	5336.3	4980.8	4566.0	4094.8	3550.3
-27.5°	4325.4	4523.5	4627.9	4622.2	4627.9	4523.5	4325.4	4014.2	3638.8	3188.7	2682.4
-30°	3304.5	3478.8	3575.6	3622.9	3575.6	3478.8	3304.5	3021.0	2663.0	2299.8	1908.5
-32.5°	2308.7	2441.0	2514.2	2570.8	2514.2	2441.0	2308.7	2091.6	1812.7	1554.2	1338.7
-35°	1504.0	1575.8	1614.2	1627.6	1614.2	1575.8	1504.0	1387.6	1231.8	1068.7	953.7
-37.5°	1002.5	1034.3	1051.1	1065.8	1051.1	1034.3	1002.5	946.9	865.6	768.9	705.9
-40°	712.9	729.3	738.5	745.7	738.5	729.3	712.9	685.2	643.7	593.4	553.7
-42.5°	548.0	558.2	563.0	561.8	563.0	558.2	548.0	533.1	511.8	485.4	459.5
-45°	449.2	453.8	457.0	459.7	457.0	453.8	449.2	441.6	429.6	414.6	398.0
-47.5°	385.1	387.4	389.0	389.9	389.0	387.4	385.1	381.1	374.6	365.9	355.6
-50°	342.4	342.8	342.8	342.2	342.8	342.8	342.4	340.9	338.0	333.4	327.9
-52.5°	314.9	314.5	314.0	313.3	314.0	314.5	314.9	314.7	313.5	310.9	307.6
-55°	295.1	294.3	293.6	292.8	293.6	294.3	295.1	295.3	294.9	293.1	290.9
-57.5°	279.4	278.9	278.3	277.5	278.3	278.9	279.4	279.4	278.9	277.6	275.9
-60°	264.8	265.0	264.7	263.9	264.7	265.0	264.8	264.0	262.5	260.8	258.8
-62.5°	246.2	247.5	247.6	246.9	247.6	247.5	246.2	244.3	241.9	239.7	237.4
-65°	222.6	223.7	224.5	224.7	224.5	223.7	222.6	221.0	219.1	216.9	214.2
-67.5°	199.3	200.0	199.9	199.2	199.9	200.0	199.3	198.3	196.9	194.7	191.5
-70°	173.4	173.0	173.5	173.7	173.5	173.0	173.4	173.2	172.6	171.0	168.2
-72.5°	147.5	147.5	147.1	146.4	147.1	147.5	147.5	147.2	146.5	145.3	143.6
-75°	122.1	122.0	121.6	120.9	121.6	122.0	122.1	122.0	121.5	120.7	119.1
-77.5°	95.6	94.9	95.2	95.3	95.2	94.9	95.6	96.0	96.1	95.7	94.0
-80°	71.2	71.2	70.6	69.8	70.6	71.2	71.2	71.0	70.6	69.9	68.8
-82.5°	48.8	49.1	48.5	47.7	48.5	49.1	48.8	48.4	47.9	47.3	46.5
-85°	27.3	27.1	26.3	25.5	26.3	27.1	27.3	27.5	27.6	27.6	26.7
-87.5°	8.8	8.5	8.5	8.5	8.5	8.5	8.8	9.2	9.5	9.8	9.3
-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: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	8.8	8.2	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
85°	25.8	24.8	23.7	23.4	23.0	22.6	22.1	21.2	20.1	19.1	17.9
82.5°	45.5	44.4	43.2	42.3	41.3	40.2	39.0	37.1	35.2	33.3	31.3
80°	67.4	65.9	64.3	62.8	61.3	59.5	57.5	54.6	51.5	48.5	45.7
77.5°	92.1	89.9	87.5	85.1	82.6	79.9	77.0	73.3	69.6	65.7	61.8
75°	117.1	114.8	112.0	108.8	105.3	101.6	97.6	93.2	88.5	83.7	78.8
72.5°	141.4	139.0	136.1	132.7	128.7	124.3	119.4	114.0	108.3	102.3	96.4
70°	165.1	161.9	159.1	156.2	152.4	147.9	142.1	135.6	128.7	121.8	115.0
67.5°	187.9	184.0	181.2	178.5	175.1	170.9	164.9	157.8	150.1	142.1	134.1
65°	210.6	206.2	203.4	200.9	197.7	193.5	187.2	180.0	171.9	162.9	153.6
62.5°	234.4	230.7	227.6	224.1	220.2	215.6	209.2	201.7	193.5	184.1	173.3
60°	256.6	253.9	249.1	244.6	240.7	235.8	228.2	221.0	214.4	203.6	192.0
57.5°	273.8	270.6	266.2	261.6	256.9	250.6	243.8	237.0	229.2	220.1	209.3
55°	288.1	284.6	280.5	276.0	270.8	263.9	256.9	249.6	242.1	234.5	223.9
52.5°	303.9	300.0	295.1	289.1	283.2	276.4	268.6	260.9	253.9	246.1	237.4
50°	322.6	317.9	312.3	305.9	298.0	289.5	281.2	272.3	264.9	257.4	248.6
47.5°	347.7	340.0	331.8	324.2	314.4	304.1	294.6	285.3	276.7	268.5	259.6
45°	385.6	371.0	355.4	344.9	332.6	320.8	308.6	298.1	288.2	279.0	270.6
42.5°	439.8	416.7	395.4	374.6	354.7	340.3	325.1	312.1	300.1	289.2	279.3
40°	518.2	478.4	449.0	416.2	389.5	364.0	344.7	327.1	313.1	300.1	288.1
37.5°	636.5	570.7	521.8	470.7	433.5	398.1	368.2	345.2	326.4	311.3	297.3
35°	819.6	716.9	625.4	553.0	487.2	440.5	398.8	366.6	342.5	322.8	306.5
32.5°	1105.9	942.8	776.6	669.6	568.1	491.9	438.2	393.9	359.7	336.3	316.7
30°	1551.0	1263.6	1019.0	819.4	680.2	563.7	482.1	427.9	384.1	349.9	327.1
27.5°	2197.1	1693.6	1351.3	1040.2	815.6	662.6	545.7	464.3	409.9	369.1	338.9
25°	2951.3	2348.6	1762.5	1341.7	1010.9	774.4	619.9	515.2	441.7	389.0	349.3
22.5°	3746.2	3039.4	2336.9	1681.7	1253.2	938.0	715.7	566.6	471.8	410.2	364.5
20°	4534.8	3736.8	2936.5	2187.2	1548.3	1098.0	819.9	634.7	513.7	434.0	378.9
17.5°	5259.7	4421.2	3544.5	2678.1	1911.7	1341.5	952.1	703.7	550.3	455.2	391.3
15°	5946.2	5060.9	4136.0	3199.0	2300.1	1555.9	1064.7	763.7	588.3	479.7	407.6
12.5°	6567.8	5635.4	4662.2	3646.7	2644.9	1796.3	1214.9	852.3	635.1	505.2	423.0
10°	7110.4	6114.9	5078.0	4023.0	2978.3	2045.1	1356.8	927.8	675.6	526.3	435.5
7.5°	7500.1	6492.4	5408.3	4327.1	3249.4	2258.9	1477.5	987.5	707.4	542.5	445.2
5°	7786.7	6786.8	5683.7	4574.3	3450.7	2418.8	1567.6	1029.6	730.2	553.7	451.9
2.5°	7983.2	6973.1	5867.9	4736.4	3567.4	2512.6	1625.1	1052.1	741.0	562.5	455.6
0°	8039.1	7026.2	5914.4	4821.4	3585.4	2524.8	1648.0	1055.5	740.6	566.9	456.3
-2.5°	7983.2	6973.1	5867.9	4736.4	3567.4	2512.6	1625.1	1052.1	741.0	562.5	455.6
-5°	7786.7	6786.8	5683.7	4574.3	3450.7	2418.8	1567.6	1029.6	730.2	553.7	451.9
-7.5°	7500.1	6492.4	5408.3	4327.1	3249.4	2258.9	1477.5	987.5	707.4	542.5	445.2
-10°	7110.4	6114.9	5078.0	4023.0	2978.3	2045.1	1356.8	927.8	675.6	526.3	435.5
-12.5°	6567.8	5635.4	4662.2	3646.7	2644.9	1796.3	1214.9	852.3	635.1	505.2	423.0
-15°	5946.2	5060.9	4136.0	3199.0	2300.1	1555.9	1064.7	763.7	588.3	479.7	407.6
-17.5°	5259.7	4421.2	3544.5	2678.1	1911.7	1341.5	952.1	703.7	550.3	455.2	391.3
-20°	4534.8	3736.8	2936.5	2187.2	1548.3	1098.0	819.9	634.7	513.7	434.0	378.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	3746.2	3039.4	2336.9	1681.7	1253.2	938.0	715.7	566.6	471.8	410.2	364.5
-25°	2951.3	2348.6	1762.5	1341.7	1010.9	774.4	619.9	515.2	441.7	389.0	349.3
-27.5°	2197.1	1693.6	1351.3	1040.2	815.6	662.6	545.7	464.3	409.9	369.1	338.9
-30°	1551.0	1263.6	1019.0	819.4	680.2	563.7	482.1	427.9	384.1	349.9	327.1
-32.5°	1105.9	942.8	776.6	669.6	568.1	491.9	438.2	393.9	359.7	336.3	316.7
-35°	819.6	716.9	625.4	553.0	487.2	440.5	398.8	366.6	342.5	322.8	306.5
-37.5°	636.5	570.7	521.8	470.7	433.5	398.1	368.2	345.2	326.4	311.3	297.3
-40°	518.2	478.4	449.0	416.2	389.5	364.0	344.7	327.1	313.1	300.1	288.1
-42.5°	439.8	416.7	395.4	374.6	354.7	340.3	325.1	312.1	300.1	289.2	279.3
-45°	385.6	371.0	355.4	344.9	332.6	320.8	308.6	298.1	288.2	279.0	270.6
-47.5°	347.7	340.0	331.8	324.2	314.4	304.1	294.6	285.3	276.7	268.5	259.6
-50°	322.6	317.9	312.3	305.9	298.0	289.5	281.2	272.3	264.9	257.4	248.6
-52.5°	303.9	300.0	295.1	289.1	283.2	276.4	268.6	260.9	253.9	246.1	237.4
-55°	288.1	284.6	280.5	276.0	270.8	263.9	256.9	249.6	242.1	234.5	223.9
-57.5°	273.8	270.6	266.2	261.6	256.9	250.6	243.8	237.0	229.2	220.1	209.3
-60°	256.6	253.9	249.1	244.6	240.7	235.8	228.2	221.0	214.4	203.6	192.0
-62.5°	234.4	230.7	227.6	224.1	220.2	215.6	209.2	201.7	193.5	184.1	173.3
-65°	210.6	206.2	203.4	200.9	197.7	193.5	187.2	180.0	171.9	162.9	153.6
-67.5°	187.9	184.0	181.2	178.5	175.1	170.9	164.9	157.8	150.1	142.1	134.1
-70°	165.1	161.9	159.1	156.2	152.4	147.9	142.1	135.6	128.7	121.8	115.0
-72.5°	141.4	139.0	136.1	132.7	128.7	124.3	119.4	114.0	108.3	102.3	96.4
-75°	117.1	114.8	112.0	108.8	105.3	101.6	97.6	93.2	88.5	83.7	78.8
-77.5°	92.1	89.9	87.5	85.1	82.6	79.9	77.0	73.3	69.6	65.7	61.8
-80°	67.4	65.9	64.3	62.8	61.3	59.5	57.5	54.6	51.5	48.5	45.7
-82.5°	45.5	44.4	43.2	42.3	41.3	40.2	39.0	37.1	35.2	33.3	31.3
-85°	25.8	24.8	23.7	23.4	23.0	22.6	22.1	21.2	20.1	19.1	17.9
-87.5°	8.8	8.2	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
-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: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.7	3.2	2.7
85°	16.7	15.5	14.2	12.9	11.5	10.2	9.4	8.6	7.5	6.4	5.4
82.5°	29.4	27.5	25.6	23.6	21.3	19.0	16.8	14.7	12.3	9.7	8.0
80°	43.1	40.5	37.7	34.7	31.4	27.8	24.8	21.8	18.9	15.8	12.5
77.5°	58.0	54.1	50.1	46.4	42.5	38.4	34.0	29.4	25.5	21.8	17.9
75°	73.9	69.2	64.3	59.3	54.1	48.8	43.8	38.6	33.3	27.9	23.3
72.5°	90.8	84.9	78.8	72.6	66.5	60.3	54.0	47.6	41.5	35.2	28.9
70°	108.1	100.9	93.8	86.7	79.4	71.7	64.5	57.0	49.6	42.5	35.2
67.5°	125.8	117.7	109.3	101.0	92.8	84.2	75.1	66.4	57.9	49.6	41.5
65°	144.4	134.8	125.0	115.6	106.2	96.7	86.8	75.9	66.1	56.7	47.6
62.5°	162.7	152.2	141.2	130.0	119.3	108.9	98.3	86.2	74.3	63.7	53.7
60°	180.4	168.7	156.8	144.4	132.3	120.6	108.8	96.2	83.2	70.5	59.6
57.5°	196.7	184.4	171.1	158.0	144.9	132.0	119.1	105.6	91.8	77.9	65.3
55°	211.9	198.5	184.7	170.6	156.8	143.1	129.0	114.7	100.1	85.3	70.9
52.5°	226.2	212.2	197.6	182.6	167.7	153.5	138.7	123.5	108.0	92.4	77.1
50°	238.8	225.6	210.1	194.3	178.2	163.1	148.0	132.0	115.7	99.2	83.1
47.5°	249.3	237.2	222.2	205.5	188.6	172.6	156.8	140.2	123.1	105.8	88.8
45°	259.6	247.9	233.4	216.4	198.9	182.0	165.3	148.1	130.2	112.2	94.3
42.5°	269.2	257.6	244.0	226.8	208.8	191.0	173.5	155.5	137.0	118.2	99.6
40°	277.4	266.0	254.0	236.9	218.0	199.5	181.3	162.7	143.5	123.9	104.6
37.5°	285.4	273.8	261.4	246.3	226.8	207.5	188.6	169.7	149.7	129.5	109.3
35°	293.1	281.1	268.0	253.7	234.9	215.0	195.4	176.1	155.6	134.7	113.6
32.5°	300.0	287.7	274.0	259.6	242.4	221.9	201.7	181.8	161.1	139.7	117.7
30°	308.3	293.2	279.5	265.4	248.8	228.2	207.6	187.0	166.1	144.5	121.6
27.5°	316.2	298.5	284.4	270.3	253.8	234.0	213.0	191.9	170.7	148.8	125.3
25°	323.8	304.6	288.9	274.3	258.6	239.5	217.9	196.4	174.7	152.5	128.8
22.5°	332.6	310.2	293.2	277.8	263.2	244.4	222.4	200.4	178.3	155.9	132.0
20°	340.4	314.8	297.1	281.2	266.7	248.2	226.5	204.0	181.5	158.8	134.9
17.5°	348.0	320.0	300.9	284.4	269.2	251.4	230.0	207.2	184.4	161.4	137.4
15°	358.6	325.9	304.3	287.1	271.4	254.2	233.0	209.9	186.8	163.6	139.7
12.5°	367.6	330.9	307.0	289.3	273.2	256.5	235.5	212.1	188.8	165.5	141.7
10°	375.0	334.9	309.2	291.0	274.6	258.4	237.5	214.0	190.7	167.2	143.4
7.5°	380.6	337.9	310.7	292.2	275.5	259.7	239.4	215.7	192.2	168.5	144.7
5°	384.4	339.8	312.0	293.0	276.0	260.5	240.7	216.9	193.2	169.4	145.7
2.5°	386.4	340.7	313.0	293.1	276.1	260.7	241.5	217.7	193.9	170.0	146.2
0°	386.5	340.5	313.3	292.8	275.8	260.5	241.8	217.9	194.1	170.2	146.4
-2.5°	386.4	340.7	313.0	293.1	276.1	260.7	241.5	217.7	193.9	170.0	146.2
-5°	384.4	339.8	312.0	293.0	276.0	260.5	240.7	216.9	193.2	169.4	145.7
-7.5°	380.6	337.9	310.7	292.2	275.5	259.7	239.4	215.7	192.2	168.5	144.7
-10°	375.0	334.9	309.2	291.0	274.6	258.4	237.5	214.0	190.7	167.2	143.4
-12.5°	367.6	330.9	307.0	289.3	273.2	256.5	235.5	212.1	188.8	165.5	141.7
-15°	358.6	325.9	304.3	287.1	271.4	254.2	233.0	209.9	186.8	163.6	139.7
-17.5°	348.0	320.0	300.9	284.4	269.2	251.4	230.0	207.2	184.4	161.4	137.4
-20°	340.4	314.8	297.1	281.2	266.7	248.2	226.5	204.0	181.5	158.8	134.9

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REPORT NUMBER: P626837 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	332.6	310.2	293.2	277.8	263.2	244.4	222.4	200.4	178.3	155.9	132.0
-25°	323.8	304.6	288.9	274.3	258.6	239.5	217.9	196.4	174.7	152.5	128.8
-27.5°	316.2	298.5	284.4	270.3	253.8	234.0	213.0	191.9	170.7	148.8	125.3
-30°	308.3	293.2	279.5	265.4	248.8	228.2	207.6	187.0	166.1	144.5	121.6
-32.5°	300.0	287.7	274.0	259.6	242.4	221.9	201.7	181.8	161.1	139.7	117.7
-35°	293.1	281.1	268.0	253.7	234.9	215.0	195.4	176.1	155.6	134.7	113.6
-37.5°	285.4	273.8	261.4	246.3	226.8	207.5	188.6	169.7	149.7	129.5	109.3
-40°	277.4	266.0	254.0	236.9	218.0	199.5	181.3	162.7	143.5	123.9	104.6
-42.5°	269.2	257.6	244.0	226.8	208.8	191.0	173.5	155.5	137.0	118.2	99.6
-45°	259.6	247.9	233.4	216.4	198.9	182.0	165.3	148.1	130.2	112.2	94.3
-47.5°	249.3	237.2	222.2	205.5	188.6	172.6	156.8	140.2	123.1	105.8	88.8
-50°	238.8	225.6	210.1	194.3	178.2	163.1	148.0	132.0	115.7	99.2	83.1
-52.5°	226.2	212.2	197.6	182.6	167.7	153.5	138.7	123.5	108.0	92.4	77.1
-55°	211.9	198.5	184.7	170.6	156.8	143.1	129.0	114.7	100.1	85.3	70.9
-57.5°	196.7	184.4	171.1	158.0	144.9	132.0	119.1	105.6	91.8	77.9	65.3
-60°	180.4	168.7	156.8	144.4	132.3	120.6	108.8	96.2	83.2	70.5	59.6
-62.5°	162.7	152.2	141.2	130.0	119.3	108.9	98.3	86.2	74.3	63.7	53.7
-65°	144.4	134.8	125.0	115.6	106.2	96.7	86.8	75.9	66.1	56.7	47.6
-67.5°	125.8	117.7	109.3	101.0	92.8	84.2	75.1	66.4	57.9	49.6	41.5
-70°	108.1	100.9	93.8	86.7	79.4	71.7	64.5	57.0	49.6	42.5	35.2
-72.5°	90.8	84.9	78.8	72.6	66.5	60.3	54.0	47.6	41.5	35.2	28.9
-75°	73.9	69.2	64.3	59.3	54.1	48.8	43.8	38.6	33.3	27.9	23.3
-77.5°	58.0	54.1	50.1	46.4	42.5	38.4	34.0	29.4	25.5	21.8	17.9
-80°	43.1	40.5	37.7	34.7	31.4	27.8	24.8	21.8	18.9	15.8	12.5
-82.5°	29.4	27.5	25.6	23.6	21.3	19.0	16.8	14.7	12.3	9.7	8.0
-85°	16.7	15.5	14.2	12.9	11.5	10.2	9.4	8.6	7.5	6.4	5.4
-87.5°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.7	3.2	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**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°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
85°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
82.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
80°	9.1	7.3	5.9	4.4	2.9	1.5	0.0
77.5°	13.8	9.9	7.3	5.5	3.7	1.8	0.0
75°	18.5	13.8	9.1	6.6	4.4	2.2	0.0
72.5°	23.2	17.7	12.2	7.6	5.1	2.6	0.0
70°	27.9	21.6	15.3	8.9	5.8	2.9	0.0
67.5°	33.2	25.3	18.3	11.2	6.5	3.3	0.0
65°	38.4	29.3	21.3	13.5	7.2	3.6	0.0
62.5°	43.5	33.5	24.2	15.6	7.8	3.9	0.0
60°	48.5	37.6	27.1	17.8	8.5	4.2	0.0
57.5°	53.5	41.6	30.2	19.9	9.9	4.6	0.0
55°	58.3	45.4	33.2	21.9	11.2	4.9	0.0
52.5°	63.0	49.2	36.2	23.9	12.5	5.2	0.0
50°	67.7	53.1	39.0	25.8	13.7	5.5	0.0
47.5°	72.2	56.8	41.7	27.7	14.9	5.7	0.0
45°	76.9	60.4	44.3	29.6	16.0	6.0	0.0
42.5°	81.4	63.9	46.8	31.5	17.1	6.3	0.0
40°	85.6	67.3	49.3	33.2	18.1	6.5	0.0
37.5°	89.6	70.4	51.8	34.8	19.1	6.7	0.0
35°	93.4	73.6	54.2	36.3	20.0	7.0	0.0
32.5°	96.9	76.5	56.5	37.7	20.8	7.2	0.0
30°	100.2	79.2	58.6	39.0	21.6	7.4	0.0
27.5°	103.1	81.7	60.5	40.2	22.3	7.5	0.0
25°	105.8	84.0	62.3	41.3	22.9	7.7	0.0
22.5°	108.3	86.1	63.8	42.3	23.5	7.9	0.0
20°	110.4	87.8	65.2	43.1	24.0	8.0	0.0
17.5°	112.4	89.3	66.4	43.9	24.4	8.1	0.0
15°	114.1	90.6	67.4	44.6	24.7	8.2	0.0
12.5°	115.6	91.7	68.3	45.1	25.0	8.3	0.0
10°	116.9	92.5	68.9	45.5	25.3	8.4	0.0
7.5°	117.9	93.1	69.4	45.8	25.4	8.4	0.0
5°	118.6	93.5	69.7	46.0	25.5	8.5	0.0
2.5°	119.1	93.7	69.9	46.1	25.5	8.5	0.0
0°	119.2	93.6	69.8	46.0	25.5	8.5	0.0
-2.5°	119.1	93.7	69.9	46.1	25.5	8.5	0.0
-5°	118.6	93.5	69.7	46.0	25.5	8.5	0.0
-7.5°	117.9	93.1	69.4	45.8	25.4	8.4	0.0
-10°	116.9	92.5	68.9	45.5	25.3	8.4	0.0
-12.5°	115.6	91.7	68.3	45.1	25.0	8.3	0.0
-15°	114.1	90.6	67.4	44.6	24.7	8.2	0.0
-17.5°	112.4	89.3	66.4	43.9	24.4	8.1	0.0
-20°	110.4	87.8	65.2	43.1	24.0	8.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.3	86.1	63.8	42.3	23.5	7.9	0.0
-25°	105.8	84.0	62.3	41.3	22.9	7.7	0.0
-27.5°	103.1	81.7	60.5	40.2	22.3	7.5	0.0
-30°	100.2	79.2	58.6	39.0	21.6	7.4	0.0
-32.5°	96.9	76.5	56.5	37.7	20.8	7.2	0.0
-35°	93.4	73.6	54.2	36.3	20.0	7.0	0.0
-37.5°	89.6	70.4	51.8	34.8	19.1	6.7	0.0
-40°	85.6	67.3	49.3	33.2	18.1	6.5	0.0
-42.5°	81.4	63.9	46.8	31.5	17.1	6.3	0.0
-45°	76.9	60.4	44.3	29.6	16.0	6.0	0.0
-47.5°	72.2	56.8	41.7	27.7	14.9	5.7	0.0
-50°	67.7	53.1	39.0	25.8	13.7	5.5	0.0
-52.5°	63.0	49.2	36.2	23.9	12.5	5.2	0.0
-55°	58.3	45.4	33.2	21.9	11.2	4.9	0.0
-57.5°	53.5	41.6	30.2	19.9	9.9	4.6	0.0
-60°	48.5	37.6	27.1	17.8	8.5	4.2	0.0
-62.5°	43.5	33.5	24.2	15.6	7.8	3.9	0.0
-65°	38.4	29.3	21.3	13.5	7.2	3.6	0.0
-67.5°	33.2	25.3	18.3	11.2	6.5	3.3	0.0
-70°	27.9	21.6	15.3	8.9	5.8	2.9	0.0
-72.5°	23.2	17.7	12.2	7.6	5.1	2.6	0.0
-75°	18.5	13.8	9.1	6.6	4.4	2.2	0.0
-77.5°	13.8	9.9	7.3	5.5	3.7	1.8	0.0
-80°	9.1	7.3	5.9	4.4	2.9	1.5	0.0
-82.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-85°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)