

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: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4D-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4D-727-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N88
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26741.8 lumens
Efficiency: N/A
Efficacy: 120.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 85591.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 13001.5 lumens
Beam Efficiency: 48.6%

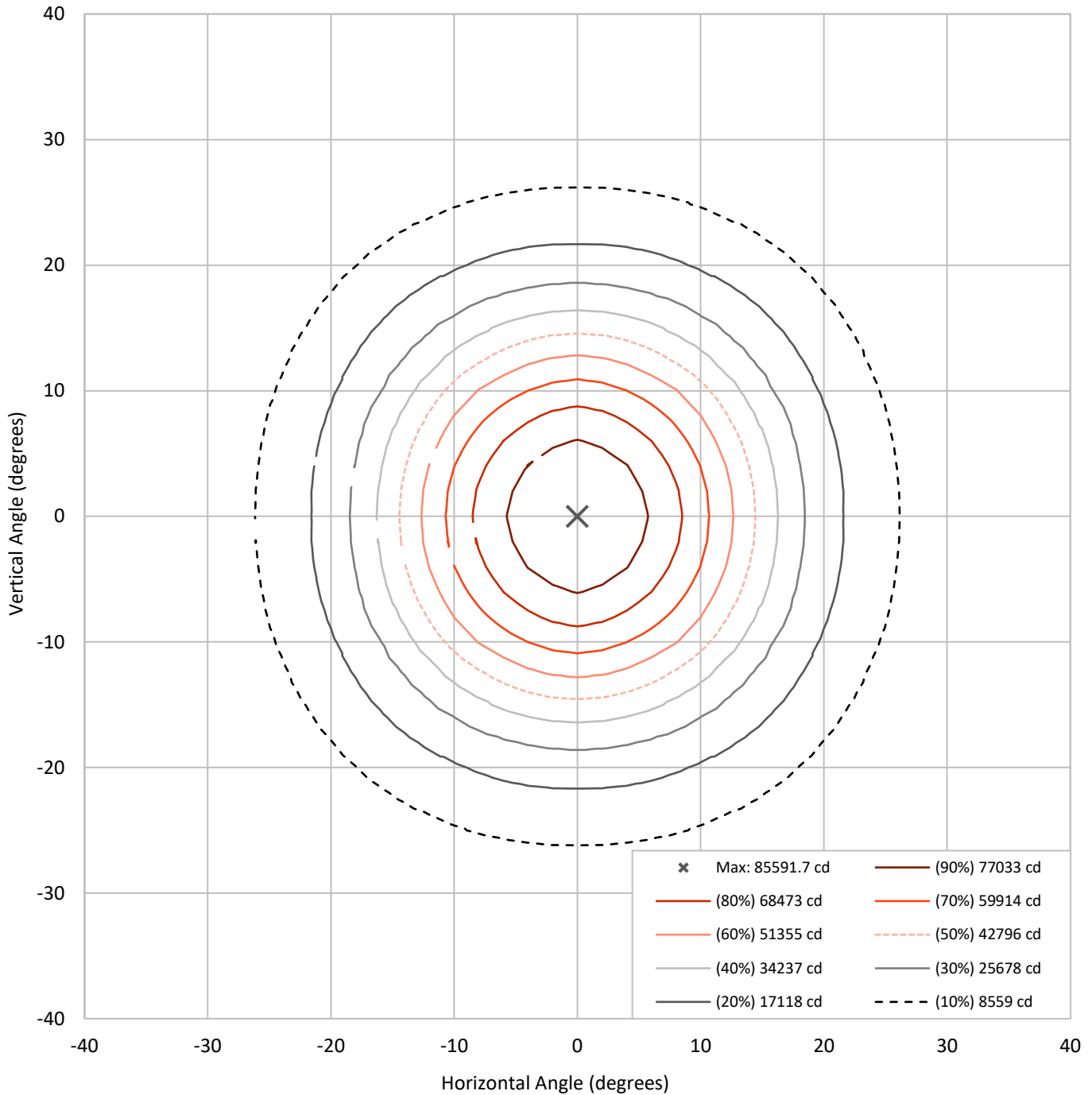
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 21941.2 lumens
Field Efficiency: 82.0%

Input Watts (W): 221.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





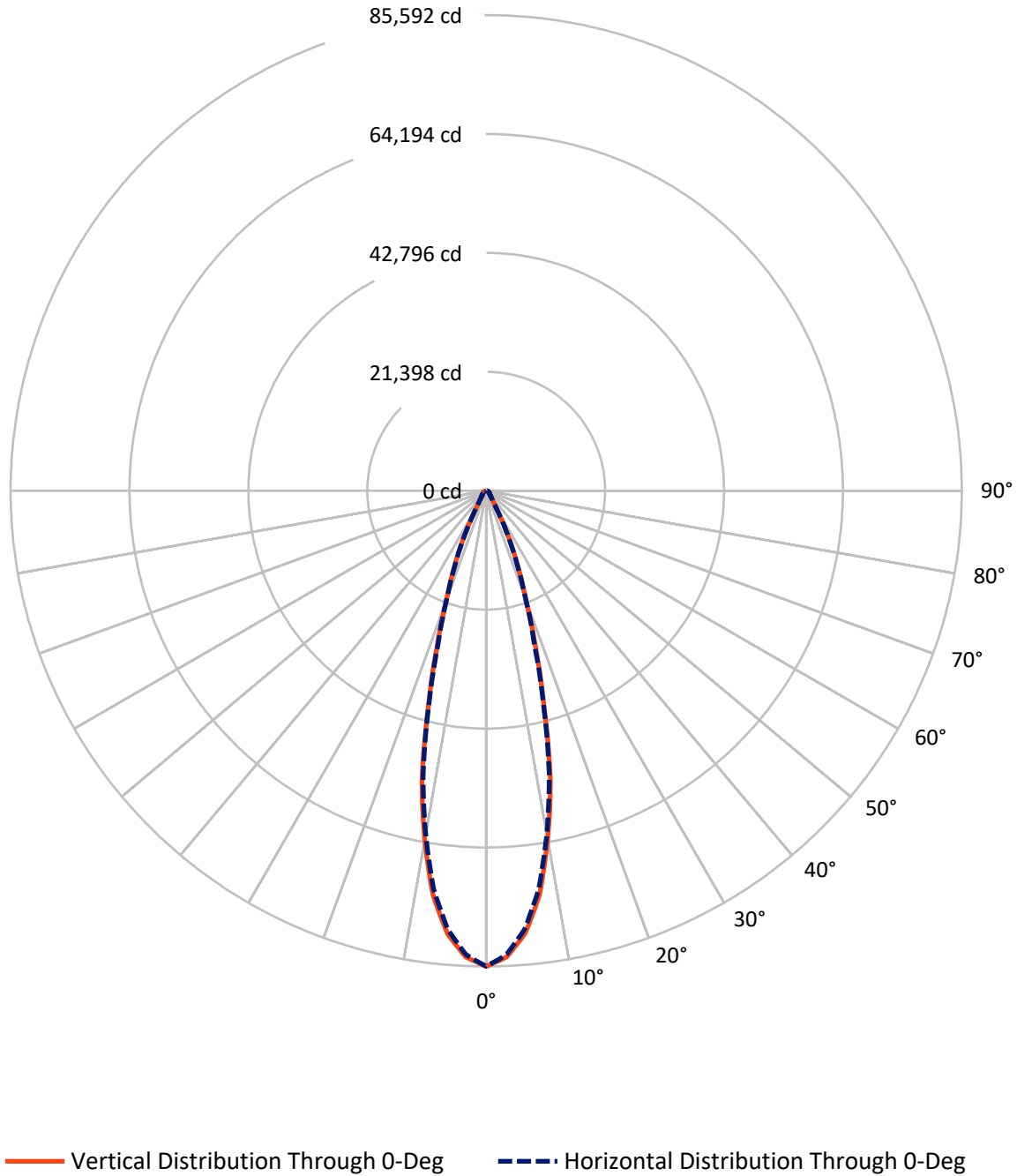
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Lumen Table

90																			
80	0.5	4.4		11.6		18.3		20.4		18.3		11.6		4.4		0.5			
70																			
60	2.0	2.3	4.6	7.6	10.6	12.9	14.4	15.2	15.2	14.4	12.9	10.6	7.6	4.6	2.3	2.0			
50		3.4	6.9	11.1	15.0	18.4	20.6	21.4	21.4	20.6	18.4	15.0	11.1	6.9	3.4				
40	3.5	4.4	8.9	13.8	18.3	23.2	27.2	29.2	29.2	27.2	23.2	18.3	13.8	8.9	4.4	3.5			
30		5.2	10.4	15.9	22.5	32.0	46.3	60.2	60.2	46.3	32.0	22.5	15.9	10.4	5.2				
20	4.5	5.8	11.4	17.9	28.8	62.5	176.0	312.2	312.2	176.0	62.5	28.8	17.9	11.4	5.8	4.5			
10		6.2	11.9	19.4	39.2	164.1	585.0	1120.9	1120.9	585.0	164.1	39.2	19.4	11.9	6.2				
0	4.9	6.5	12.1	20.5	49.8	283.3	1082.7	2129.7	2129.7	1082.7	283.3	49.8	20.5	12.1	6.5	4.9			
-10		6.5	12.1	20.5	49.8	283.3	1082.7	2129.7	2129.7	1082.7	283.3	49.8	20.5	12.1	6.5				
-20	4.5	6.2	11.9	19.4	39.2	164.1	585.0	1120.9	1120.9	585.0	164.1	39.2	19.4	11.9	6.2	4.5			
-30		5.8	11.4	17.9	28.8	62.5	176.0	312.2	312.2	176.0	62.5	28.8	17.9	11.4	5.8				
-40	3.5	5.2	10.4	15.9	22.5	32.0	46.3	60.2	60.2	46.3	32.0	22.5	15.9	10.4	5.2	3.5			
-50		4.4	8.9	13.8	18.3	23.2	27.2	29.2	29.2	27.2	23.2	18.3	13.8	8.9	4.4				
-60	2.0	3.4	6.9	11.1	15.0	18.4	20.6	21.4	21.4	20.6	18.4	15.0	11.1	6.9	3.4	2.0			
-70		2.3	4.6	7.6	10.6	12.9	14.4	15.2	15.2	14.4	12.9	10.6	7.6	4.6	2.3				
-80																			
-90	0.5	4.4		11.6		18.3		20.4		18.3		11.6		4.4		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

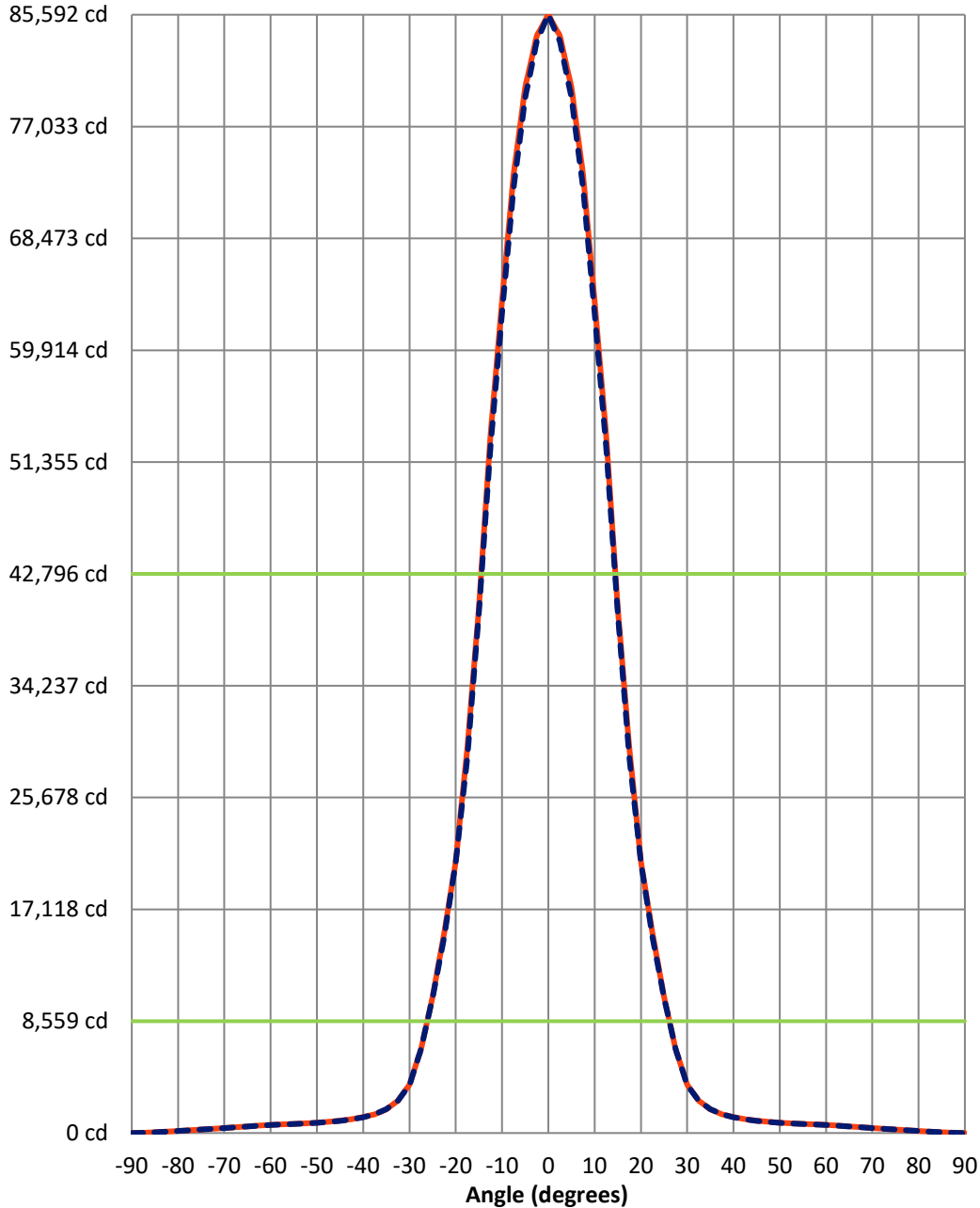
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 13001.5
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 21941.2
Efficiency: 82.0%

Spill:
Lumens: 4800.6
Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
85°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.2	15.0	16.8	18.6
82.5°	0.0	2.9	5.7	8.6	11.4	14.2	17.0	19.8	23.0	28.2	33.6
80°	0.0	3.8	7.6	11.4	15.2	19.0	23.2	29.8	36.8	44.2	51.9
77.5°	0.0	4.8	9.5	14.2	19.0	24.8	32.9	41.5	50.6	60.1	70.5
75°	0.0	5.7	11.4	17.0	23.2	32.9	42.6	53.0	64.4	77.7	90.8
72.5°	0.0	6.6	13.2	19.8	29.6	40.9	52.2	65.1	80.6	95.8	110.9
70°	0.0	7.5	15.0	22.9	35.9	48.8	62.0	79.1	96.5	113.8	132.5
67.5°	0.0	8.4	16.8	27.6	42.1	56.6	73.9	92.9	112.3	133.4	154.2
65°	0.0	9.3	18.6	32.2	48.2	65.3	85.7	106.5	129.5	152.7	176.0
62.5°	0.0	10.2	20.3	36.7	54.2	75.0	97.3	120.8	146.3	171.8	198.5
60°	0.0	11.0	22.0	41.1	60.1	84.4	108.6	135.2	162.8	191.1	220.3
57.5°	0.0	11.8	24.8	45.4	67.4	93.6	120.5	149.3	179.2	209.9	242.0
55°	0.0	12.6	27.6	49.5	74.6	102.6	132.1	163.0	195.0	228.2	263.2
52.5°	0.0	13.4	30.3	53.6	81.5	111.4	143.2	176.3	210.3	246.8	283.8
50°	0.0	14.1	32.9	57.5	88.3	120.2	153.9	189.2	225.3	264.7	302.9
47.5°	0.0	14.9	35.4	61.6	94.8	128.7	164.2	201.6	240.6	282.0	320.9
45°	0.0	15.6	37.9	66.3	101.0	136.8	174.4	213.5	255.4	297.2	337.9
42.5°	0.0	16.2	40.2	70.7	107.0	144.4	184.2	225.4	269.5	311.6	353.6
40°	0.0	16.9	42.4	75.0	112.8	151.7	193.5	237.0	282.3	325.0	368.5
37.5°	0.0	17.5	44.5	78.9	118.3	158.5	202.3	247.8	293.8	338.0	382.5
35°	0.0	18.0	46.5	82.6	123.4	165.2	210.6	257.9	304.6	350.2	395.7
32.5°	0.0	18.6	48.3	86.0	128.2	171.7	218.5	267.2	314.6	361.6	408.4
30°	0.0	19.1	50.1	89.1	132.6	177.7	225.9	275.6	324.0	372.3	420.3
27.5°	0.0	19.5	51.7	91.9	136.6	183.3	232.7	283.1	332.6	382.1	431.2
25°	0.0	19.9	53.2	94.5	140.3	188.4	238.9	289.9	340.5	391.0	441.3
22.5°	0.0	20.3	54.5	96.7	143.7	193.0	244.3	296.1	347.6	399.0	451.3
20°	0.0	20.7	55.8	98.7	146.9	197.0	249.1	301.5	353.8	406.1	460.2
17.5°	0.0	21.0	56.8	100.4	149.7	200.4	253.5	306.2	359.3	412.3	468.0
15°	0.0	21.2	57.8	101.8	152.1	203.2	257.5	310.6	363.9	417.5	474.6
12.5°	0.0	21.5	58.6	102.9	154.3	205.5	260.9	314.7	368.2	421.8	480.1
10°	0.0	21.7	59.2	103.8	156.0	207.2	263.8	318.1	372.1	426.9	485.1
7.5°	0.0	21.8	59.7	104.3	157.5	208.4	266.1	320.7	375.2	431.5	490.6
5°	0.0	21.9	60.1	104.6	158.5	209.0	267.8	322.6	377.4	435.1	495.0
2.5°	0.0	22.0	60.3	104.6	159.1	209.2	268.9	323.7	378.7	437.8	498.1
0°	0.0	22.0	60.4	104.4	159.3	208.8	269.2	324.1	379.1	439.5	500.0
-2.5°	0.0	22.0	60.3	104.6	159.1	209.2	268.9	323.7	378.7	437.8	498.1
-5°	0.0	21.9	60.1	104.6	158.5	209.0	267.8	322.6	377.4	435.1	495.0
-7.5°	0.0	21.8	59.7	104.3	157.5	208.4	266.1	320.7	375.2	431.5	490.6
-10°	0.0	21.7	59.2	103.8	156.0	207.2	263.8	318.1	372.1	426.9	485.1
-12.5°	0.0	21.5	58.6	102.9	154.3	205.5	260.9	314.7	368.2	421.8	480.1
-15°	0.0	21.2	57.8	101.8	152.1	203.2	257.5	310.6	363.9	417.5	474.6
-17.5°	0.0	21.0	56.8	100.4	149.7	200.4	253.5	306.2	359.3	412.3	468.0
-20°	0.0	20.7	55.8	98.7	146.9	197.0	249.1	301.5	353.8	406.1	460.2

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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	20.3	54.5	96.7	143.7	193.0	244.3	296.1	347.6	399.0	451.3
-25°	0.0	19.9	53.2	94.5	140.3	188.4	238.9	289.9	340.5	391.0	441.3
-27.5°	0.0	19.5	51.7	91.9	136.6	183.3	232.7	283.1	332.6	382.1	431.2
-30°	0.0	19.1	50.1	89.1	132.6	177.7	225.9	275.6	324.0	372.3	420.3
-32.5°	0.0	18.6	48.3	86.0	128.2	171.7	218.5	267.2	314.6	361.6	408.4
-35°	0.0	18.0	46.5	82.6	123.4	165.2	210.6	257.9	304.6	350.2	395.7
-37.5°	0.0	17.5	44.5	78.9	118.3	158.5	202.3	247.8	293.8	338.0	382.5
-40°	0.0	16.9	42.4	75.0	112.8	151.7	193.5	237.0	282.3	325.0	368.5
-42.5°	0.0	16.2	40.2	70.7	107.0	144.4	184.2	225.4	269.5	311.6	353.6
-45°	0.0	15.6	37.9	66.3	101.0	136.8	174.4	213.5	255.4	297.2	337.9
-47.5°	0.0	14.9	35.4	61.6	94.8	128.7	164.2	201.6	240.6	282.0	320.9
-50°	0.0	14.1	32.9	57.5	88.3	120.2	153.9	189.2	225.3	264.7	302.9
-52.5°	0.0	13.4	30.3	53.6	81.5	111.4	143.2	176.3	210.3	246.8	283.8
-55°	0.0	12.6	27.6	49.5	74.6	102.6	132.1	163.0	195.0	228.2	263.2
-57.5°	0.0	11.8	24.8	45.4	67.4	93.6	120.5	149.3	179.2	209.9	242.0
-60°	0.0	11.0	22.0	41.1	60.1	84.4	108.6	135.2	162.8	191.1	220.3
-62.5°	0.0	10.2	20.3	36.7	54.2	75.0	97.3	120.8	146.3	171.8	198.5
-65°	0.0	9.3	18.6	32.2	48.2	65.3	85.7	106.5	129.5	152.7	176.0
-67.5°	0.0	8.4	16.8	27.6	42.1	56.6	73.9	92.9	112.3	133.4	154.2
-70°	0.0	7.5	15.0	22.9	35.9	48.8	62.0	79.1	96.5	113.8	132.5
-72.5°	0.0	6.6	13.2	19.8	29.6	40.9	52.2	65.1	80.6	95.8	110.9
-75°	0.0	5.7	11.4	17.0	23.2	32.9	42.6	53.0	64.4	77.7	90.8
-77.5°	0.0	4.8	9.5	14.2	19.0	24.8	32.9	41.5	50.6	60.1	70.5
-80°	0.0	3.8	7.6	11.4	15.2	19.0	23.2	29.8	36.8	44.2	51.9
-82.5°	0.0	2.9	5.7	8.6	11.4	14.2	17.0	19.8	23.0	28.2	33.6
-85°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.2	15.0	16.8	18.6
-87.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	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



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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°	10.2	11.0	11.8	12.6	13.4	14.1	14.9	15.6	16.2	16.9	17.5
85°	20.3	22.0	25.2	28.4	31.5	34.5	37.4	40.1	42.8	45.3	47.7
82.5°	38.8	43.8	48.7	53.5	58.1	62.6	66.9	71.1	75.1	78.9	82.5
80°	58.9	65.6	72.3	78.6	84.7	90.7	96.5	102.0	107.4	113.1	119.1
77.5°	80.2	88.7	96.6	103.7	111.5	120.8	129.8	138.5	146.8	154.8	162.3
75°	102.1	111.9	122.6	133.2	144.3	155.5	166.4	176.9	187.1	197.7	208.1
72.5°	125.2	138.5	151.4	164.0	177.9	191.6	204.1	215.6	228.5	242.7	255.7
70°	149.7	165.0	181.3	197.5	213.3	228.5	244.0	259.6	275.4	290.7	305.3
67.5°	174.2	193.5	212.4	230.8	248.7	266.9	285.3	304.1	322.3	339.7	356.6
65°	200.4	222.0	243.1	263.6	283.6	305.8	327.6	348.6	371.7	393.0	411.5
62.5°	225.9	250.1	273.4	296.6	320.8	345.4	370.7	397.1	424.5	444.3	461.3
60°	250.4	277.7	303.7	330.3	357.3	385.0	414.1	442.3	467.4	489.0	506.9
57.5°	274.4	304.9	333.7	362.6	392.1	423.6	455.7	484.5	507.8	528.6	548.2
55°	297.6	331.4	362.0	392.8	426.3	463.3	496.1	522.1	546.0	563.2	582.0
52.5°	319.7	355.8	387.9	422.4	460.8	499.1	531.7	557.0	577.0	594.9	613.2
50°	340.7	377.2	412.7	451.9	492.5	531.0	564.0	587.2	607.4	625.9	643.5
47.5°	359.9	397.7	437.9	479.8	522.2	560.2	591.9	615.6	636.4	655.5	674.9
45°	377.9	418.6	461.3	507.2	550.6	588.3	617.1	642.5	662.6	684.0	708.3
42.5°	395.2	438.6	485.0	533.9	578.3	612.7	640.6	665.0	688.2	713.9	741.0
40°	412.1	457.3	507.5	558.9	604.1	634.0	661.9	687.8	714.4	743.7	773.2
37.5°	427.9	476.5	528.6	582.2	623.1	654.1	683.0	711.8	741.8	773.2	810.0
35°	442.4	494.1	548.7	600.6	639.8	673.7	704.6	735.9	769.5	807.9	848.4
32.5°	456.6	510.2	567.5	616.1	655.1	691.3	725.4	760.8	799.2	841.5	887.8
30°	470.5	525.9	583.9	631.9	668.8	705.7	745.8	785.2	827.8	874.8	929.2
27.5°	484.0	540.4	597.6	644.3	680.7	718.3	761.3	809.1	855.8	907.2	970.2
25°	496.3	555.4	611.2	654.2	691.0	730.4	775.3	826.2	881.0	942.2	1019.4
22.5°	508.0	568.9	624.0	662.6	699.5	740.9	789.2	843.0	902.7	973.6	1067.9
20°	519.0	579.4	632.5	670.3	706.6	749.4	801.2	858.0	926.1	1012.0	1124.8
17.5°	528.5	588.3	638.4	676.6	714.0	758.1	811.5	870.6	947.1	1045.9	1179.4
15°	536.7	595.6	643.5	681.5	720.4	767.0	822.0	886.4	970.2	1079.1	1226.6
12.5°	543.4	601.3	647.8	685.0	725.3	773.6	831.0	901.7	993.3	1115.3	1290.1
10°	548.7	605.4	651.2	687.1	728.8	778.0	838.0	913.5	1011.9	1145.6	1344.6
7.5°	553.8	609.1	653.6	688.0	730.8	780.1	843.0	921.9	1025.6	1168.3	1388.0
5°	557.5	612.5	655.0	690.1	732.1	781.1	846.3	926.8	1034.2	1183.3	1418.6
2.5°	559.7	614.6	655.0	691.6	732.1	781.6	850.2	929.5	1043.7	1195.9	1436.1
0°	560.4	615.3	653.8	692.2	730.7	780.2	851.6	928.5	1049.4	1203.2	1439.4
-2.5°	559.7	614.6	655.0	691.6	732.1	781.6	850.2	929.5	1043.7	1195.9	1436.1
-5°	557.5	612.5	655.0	690.1	732.1	781.1	846.3	926.8	1034.2	1183.3	1418.6
-7.5°	553.8	609.1	653.6	688.0	730.8	780.1	843.0	921.9	1025.6	1168.3	1388.0
-10°	548.7	605.4	651.2	687.1	728.8	778.0	838.0	913.5	1011.9	1145.6	1344.6
-12.5°	543.4	601.3	647.8	685.0	725.3	773.6	831.0	901.7	993.3	1115.3	1290.1
-15°	536.7	595.6	643.5	681.5	720.4	767.0	822.0	886.4	970.2	1079.1	1226.6
-17.5°	528.5	588.3	638.4	676.6	714.0	758.1	811.5	870.6	947.1	1045.9	1179.4
-20°	519.0	579.4	632.5	670.3	706.6	749.4	801.2	858.0	926.1	1012.0	1124.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	508.0	568.9	624.0	662.6	699.5	740.9	789.2	843.0	902.7	973.6	1067.9
-25°	496.3	555.4	611.2	654.2	691.0	730.4	775.3	826.2	881.0	942.2	1019.4
-27.5°	484.0	540.4	597.6	644.3	680.7	718.3	761.3	809.1	855.8	907.2	970.2
-30°	470.5	525.9	583.9	631.9	668.8	705.7	745.8	785.2	827.8	874.8	929.2
-32.5°	456.6	510.2	567.5	616.1	655.1	691.3	725.4	760.8	799.2	841.5	887.8
-35°	442.4	494.1	548.7	600.6	639.8	673.7	704.6	735.9	769.5	807.9	848.4
-37.5°	427.9	476.5	528.6	582.2	623.1	654.1	683.0	711.8	741.8	773.2	810.0
-40°	412.1	457.3	507.5	558.9	604.1	634.0	661.9	687.8	714.4	743.7	773.2
-42.5°	395.2	438.6	485.0	533.9	578.3	612.7	640.6	665.0	688.2	713.9	741.0
-45°	377.9	418.6	461.3	507.2	550.6	588.3	617.1	642.5	662.6	684.0	708.3
-47.5°	359.9	397.7	437.9	479.8	522.2	560.2	591.9	615.6	636.4	655.5	674.9
-50°	340.7	377.2	412.7	451.9	492.5	531.0	564.0	587.2	607.4	625.9	643.5
-52.5°	319.7	355.8	387.9	422.4	460.8	499.1	531.7	557.0	577.0	594.9	613.2
-55°	297.6	331.4	362.0	392.8	426.3	463.3	496.1	522.1	546.0	563.2	582.0
-57.5°	274.4	304.9	333.7	362.6	392.1	423.6	455.7	484.5	507.8	528.6	548.2
-60°	250.4	277.7	303.7	330.3	357.3	385.0	414.1	442.3	467.4	489.0	506.9
-62.5°	225.9	250.1	273.4	296.6	320.8	345.4	370.7	397.1	424.5	444.3	461.3
-65°	200.4	222.0	243.1	263.6	283.6	305.8	327.6	348.6	371.7	393.0	411.5
-67.5°	174.2	193.5	212.4	230.8	248.7	266.9	285.3	304.1	322.3	339.7	356.6
-70°	149.7	165.0	181.3	197.5	213.3	228.5	244.0	259.6	275.4	290.7	305.3
-72.5°	125.2	138.5	151.4	164.0	177.9	191.6	204.1	215.6	228.5	242.7	255.7
-75°	102.1	111.9	122.6	133.2	144.3	155.5	166.4	176.9	187.1	197.7	208.1
-77.5°	80.2	88.7	96.6	103.7	111.5	120.8	129.8	138.5	146.8	154.8	162.3
-80°	58.9	65.6	72.3	78.6	84.7	90.7	96.5	102.0	107.4	113.1	119.1
-82.5°	38.8	43.8	48.7	53.5	58.1	62.6	66.9	71.1	75.1	78.9	82.5
-85°	20.3	22.0	25.2	28.4	31.5	34.5	37.4	40.1	42.8	45.3	47.7
-87.5°	10.2	11.0	11.8	12.6	13.4	14.1	14.9	15.6	16.2	16.9	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



REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-727-U-MR-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°	18.0	18.6	19.1	19.5	19.9	20.3	20.7	21.0	21.2	21.5	21.7
85°	50.0	52.1	54.1	56.0	57.7	58.1	58.2	58.1	57.8	58.6	59.2
82.5°	85.9	89.8	93.7	97.6	101.3	102.8	103.7	104.4	104.9	106.4	107.6
80°	124.8	130.9	136.5	141.6	146.1	149.3	152.1	154.8	157.3	158.4	158.9
77.5°	169.9	177.3	184.2	190.7	196.6	201.3	205.1	208.1	210.4	212.0	212.9
75°	218.6	227.9	236.2	244.0	251.1	256.0	259.5	262.0	263.7	265.6	267.0
72.5°	267.6	278.2	288.1	297.4	305.6	311.3	315.3	318.6	321.0	322.8	323.8
70°	319.2	331.9	342.8	352.1	359.5	365.0	369.3	372.8	375.5	377.3	378.3
67.5°	372.6	386.2	396.4	404.6	411.2	417.1	422.4	426.4	429.0	431.7	434.5
65°	427.0	440.9	451.4	460.0	467.0	474.5	481.4	486.5	489.9	493.1	496.2
62.5°	478.2	493.9	506.0	517.3	528.8	539.6	545.9	550.7	554.2	557.2	560.8
60°	524.8	542.5	557.3	571.1	585.1	599.1	604.9	609.4	613.7	617.7	621.3
57.5°	566.1	584.9	603.0	616.5	629.9	643.0	652.1	657.0	660.4	662.2	663.8
55°	602.0	620.9	638.8	654.4	669.0	682.4	692.5	697.4	701.0	703.3	704.7
52.5°	634.2	654.4	673.6	690.9	706.6	721.1	733.7	740.4	745.9	749.7	751.0
50°	665.8	687.7	708.5	726.9	745.2	762.6	778.6	787.9	794.5	798.5	799.8
47.5°	698.8	722.5	745.0	766.5	787.3	807.9	826.9	839.6	848.9	855.8	860.8
45°	733.2	758.7	783.6	809.0	832.8	859.4	883.4	901.9	915.5	927.4	936.8
42.5°	767.8	796.5	825.0	857.7	890.2	920.5	949.1	973.6	995.9	1017.8	1034.8
40°	805.4	836.8	875.9	914.6	954.7	989.9	1031.7	1069.1	1103.4	1140.5	1171.2
37.5°	846.5	886.8	933.1	979.5	1031.7	1082.3	1140.7	1198.1	1248.1	1313.0	1365.1
35°	891.3	942.4	997.0	1059.3	1126.6	1206.0	1287.7	1383.5	1464.7	1567.9	1663.2
32.5°	941.2	1001.2	1072.2	1157.8	1248.6	1376.2	1495.8	1658.1	1796.9	1976.0	2171.6
30°	991.9	1069.5	1166.0	1276.6	1430.3	1611.3	1822.2	2096.7	2393.6	2700.7	3114.2
27.5°	1052.1	1152.8	1273.3	1444.1	1673.9	1924.4	2354.3	2818.4	3465.0	3976.9	4888.6
25°	1116.9	1241.5	1419.6	1667.1	1984.6	2491.6	3217.2	4057.4	5351.3	6502.1	7824.8
22.5°	1193.6	1363.0	1598.6	1922.7	2476.3	3348.5	4481.1	6206.5	8124.6	10017.6	11747.9
20°	1274.9	1479.5	1809.0	2336.9	3192.4	4453.6	6474.4	8939.8	11486.1	14080.5	16266.8
17.5°	1369.7	1647.6	2081.6	2782.8	4003.4	6162.7	8861.7	11996.7	15323.4	18633.9	21509.4
15°	1451.3	1794.5	2379.1	3429.3	5249.5	7950.4	11267.6	15227.0	19410.4	23706.7	28363.1
12.5°	1555.2	1971.6	2685.5	3963.8	6355.0	9865.6	13924.4	18521.4	23629.9	29334.4	36593.7
10°	1650.6	2157.4	3088.6	4820.2	7684.0	11654.6	16219.4	21434.8	28061.0	36633.4	45389.8
7.5°	1727.1	2304.7	3401.2	5488.4	8798.5	13183.0	18285.9	24538.8	32805.5	43013.3	53018.1
5°	1780.3	2406.8	3624.8	5993.4	9695.0	14351.0	19752.3	26827.0	36804.6	48235.5	58451.1
2.5°	1813.7	2462.7	3734.3	6293.2	10279.7	15053.9	20667.2	28281.3	39255.7	51559.9	61902.8
0°	1829.5	2472.3	3664.5	6439.0	10361.8	15004.2	20751.0	28766.8	39837.3	52462.6	62763.9
-2.5°	1813.7	2462.7	3734.3	6293.2	10279.7	15053.9	20667.2	28281.3	39255.7	51559.9	61902.8
-5°	1780.3	2406.8	3624.8	5993.4	9695.0	14351.0	19752.3	26827.0	36804.6	48235.5	58451.1
-7.5°	1727.1	2304.7	3401.2	5488.4	8798.5	13183.0	18285.9	24538.8	32805.5	43013.3	53018.1
-10°	1650.6	2157.4	3088.6	4820.2	7684.0	11654.6	16219.4	21434.8	28061.0	36633.4	45389.8
-12.5°	1555.2	1971.6	2685.5	3963.8	6355.0	9865.6	13924.4	18521.4	23629.9	29334.4	36593.7
-15°	1451.3	1794.5	2379.1	3429.3	5249.5	7950.4	11267.6	15227.0	19410.4	23706.7	28363.1
-17.5°	1369.7	1647.6	2081.6	2782.8	4003.4	6162.7	8861.7	11996.7	15323.4	18633.9	21509.4
-20°	1274.9	1479.5	1809.0	2336.9	3192.4	4453.6	6474.4	8939.8	11486.1	14080.5	16266.8

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Scaled Data Report



REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1193.6	1363.0	1598.6	1922.7	2476.3	3348.5	4481.1	6206.5	8124.6	10017.6	11747.9
-25°	1116.9	1241.5	1419.6	1667.1	1984.6	2491.6	3217.2	4057.4	5351.3	6502.1	7824.8
-27.5°	1052.1	1152.8	1273.3	1444.1	1673.9	1924.4	2354.3	2818.4	3465.0	3976.9	4888.6
-30°	991.9	1069.5	1166.0	1276.6	1430.3	1611.3	1822.2	2096.7	2393.6	2700.7	3114.2
-32.5°	941.2	1001.2	1072.2	1157.8	1248.6	1376.2	1495.8	1658.1	1796.9	1976.0	2171.6
-35°	891.3	942.4	997.0	1059.3	1126.6	1206.0	1287.7	1383.5	1464.7	1567.9	1663.2
-37.5°	846.5	886.8	933.1	979.5	1031.7	1082.3	1140.7	1198.1	1248.1	1313.0	1365.1
-40°	805.4	836.8	875.9	914.6	954.7	989.9	1031.7	1069.1	1103.4	1140.5	1171.2
-42.5°	767.8	796.5	825.0	857.7	890.2	920.5	949.1	973.6	995.9	1017.8	1034.8
-45°	733.2	758.7	783.6	809.0	832.8	859.4	883.4	901.9	915.5	927.4	936.8
-47.5°	698.8	722.5	745.0	766.5	787.3	807.9	826.9	839.6	848.9	855.8	860.8
-50°	665.8	687.7	708.5	726.9	745.2	762.6	778.6	787.9	794.5	798.5	799.8
-52.5°	634.2	654.4	673.6	690.9	706.6	721.1	733.7	740.4	745.9	749.7	751.0
-55°	602.0	620.9	638.8	654.4	669.0	682.4	692.5	697.4	701.0	703.3	704.7
-57.5°	566.1	584.9	603.0	616.5	629.9	643.0	652.1	657.0	660.4	662.2	663.8
-60°	524.8	542.5	557.3	571.1	585.1	599.1	604.9	609.4	613.7	617.7	621.3
-62.5°	478.2	493.9	506.0	517.3	528.8	539.6	545.9	550.7	554.2	557.2	560.8
-65°	427.0	440.9	451.4	460.0	467.0	474.5	481.4	486.5	489.9	493.1	496.2
-67.5°	372.6	386.2	396.4	404.6	411.2	417.1	422.4	426.4	429.0	431.7	434.5
-70°	319.2	331.9	342.8	352.1	359.5	365.0	369.3	372.8	375.5	377.3	378.3
-72.5°	267.6	278.2	288.1	297.4	305.6	311.3	315.3	318.6	321.0	322.8	323.8
-75°	218.6	227.9	236.2	244.0	251.1	256.0	259.5	262.0	263.7	265.6	267.0
-77.5°	169.9	177.3	184.2	190.7	196.6	201.3	205.1	208.1	210.4	212.0	212.9
-80°	124.8	130.9	136.5	141.6	146.1	149.3	152.1	154.8	157.3	158.4	158.9
-82.5°	85.9	89.8	93.7	97.6	101.3	102.8	103.7	104.4	104.9	106.4	107.6
-85°	50.0	52.1	54.1	56.0	57.7	58.1	58.2	58.1	57.8	58.6	59.2
-87.5°	18.0	18.6	19.1	19.5	19.9	20.3	20.7	21.0	21.2	21.5	21.7
-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: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	21.8	21.9	22.0	22.0	22.0	21.9	21.8	21.7	21.5	21.2	21.0
85°	59.7	60.1	60.3	60.4	60.3	60.1	59.7	59.2	58.6	57.8	58.1
82.5°	108.6	109.3	109.8	109.9	109.8	109.3	108.6	107.6	106.4	104.9	104.4
80°	159.0	158.6	159.1	159.3	159.1	158.6	159.0	158.9	158.4	157.3	154.8
77.5°	213.4	213.3	214.0	214.3	214.0	213.3	213.4	212.9	212.0	210.4	208.1
75°	267.8	268.0	268.9	269.2	268.9	268.0	267.8	267.0	265.6	263.7	262.0
72.5°	323.8	322.9	323.7	324.1	323.7	322.9	323.8	323.8	322.8	321.0	318.6
70°	378.5	377.7	381.2	384.6	381.2	377.7	378.5	378.3	377.3	375.5	372.8
67.5°	436.4	437.6	441.5	445.0	441.5	437.6	436.4	434.5	431.7	429.0	426.4
65°	497.9	498.1	501.9	505.5	501.9	498.1	497.9	496.2	493.1	489.9	486.5
62.5°	563.0	563.6	567.6	571.4	567.6	563.6	563.0	560.8	557.2	554.2	550.7
60°	623.5	624.1	625.6	626.3	625.6	624.1	623.5	621.3	617.7	613.7	609.4
57.5°	664.3	663.7	664.3	664.8	664.3	663.7	664.3	663.8	662.2	660.4	657.0
55°	704.4	702.6	700.5	697.7	700.5	702.6	704.4	704.7	703.3	701.0	697.4
52.5°	750.0	747.1	744.4	741.7	744.4	747.1	750.0	751.0	749.7	745.9	740.4
50°	799.0	796.3	793.8	791.1	793.8	796.3	799.0	799.8	798.5	794.5	787.9
47.5°	864.2	865.4	864.9	862.6	864.9	865.4	864.2	860.8	855.8	848.9	839.6
45°	943.6	946.7	947.1	945.0	947.1	946.7	943.6	936.8	927.4	915.5	901.9
42.5°	1046.9	1053.8	1057.7	1060.3	1057.7	1053.8	1046.9	1034.8	1017.8	995.9	973.6
40°	1193.5	1207.7	1216.8	1225.2	1216.8	1207.7	1193.5	1171.2	1140.5	1103.4	1069.1
37.5°	1403.8	1429.5	1441.0	1433.9	1441.0	1429.5	1403.8	1365.1	1313.0	1248.1	1198.1
35°	1736.5	1785.5	1810.9	1813.0	1810.9	1785.5	1736.5	1663.2	1567.9	1464.7	1383.5
32.5°	2316.1	2416.3	2470.2	2477.8	2470.2	2416.3	2316.1	2171.6	1976.0	1796.9	1658.1
30°	3430.8	3635.2	3731.3	3708.5	3731.3	3635.2	3430.8	3114.2	2700.7	2393.6	2096.7
27.5°	5597.4	6107.3	6409.4	6433.5	6409.4	6107.3	5597.4	4888.6	3976.9	3465.0	2818.4
25°	8996.2	9866.8	10424.2	10433.2	10424.2	9866.8	8996.2	7824.8	6502.1	5351.3	4057.4
22.5°	13347.8	14536.2	15187.2	15300.9	15187.2	14536.2	13347.8	11747.9	10017.6	8124.6	6206.5
20°	18389.4	19970.2	20815.9	20816.9	20815.9	19970.2	18389.4	16266.8	14080.5	11486.1	8939.8
17.5°	24598.2	27165.1	28776.4	29470.0	28776.4	27165.1	24598.2	21509.4	18633.9	15323.4	11996.7
15°	32846.8	37160.3	39745.0	40210.9	39745.0	37160.3	32846.8	28363.1	23706.7	19410.4	15227.0
12.5°	42890.5	48349.3	52018.7	53363.6	52018.7	48349.3	42890.5	36593.7	29334.4	23629.9	18521.4
10°	53376.9	58434.8	62365.9	63686.9	62365.9	58434.8	53376.9	45389.8	36633.4	28061.0	21434.8
7.5°	60952.4	66983.8	71411.9	73356.4	71411.9	66983.8	60952.4	53018.1	43013.3	32805.5	24538.8
5°	66932.7	74069.2	78191.3	80020.7	78191.3	74069.2	66932.7	58451.1	48235.5	36804.6	26827.0
2.5°	70856.4	77908.0	82273.0	83959.9	82273.0	77908.0	70856.4	61902.8	51559.9	39255.7	28281.3
0°	72323.6	79218.6	83531.4	85591.7	83531.4	79218.6	72323.6	62763.9	52462.6	39837.3	28766.8
-2.5°	70856.4	77908.0	82273.0	83959.9	82273.0	77908.0	70856.4	61902.8	51559.9	39255.7	28281.3
-5°	66932.7	74069.2	78191.3	80020.7	78191.3	74069.2	66932.7	58451.1	48235.5	36804.6	26827.0
-7.5°	60952.4	66983.8	71411.9	73356.4	71411.9	66983.8	60952.4	53018.1	43013.3	32805.5	24538.8
-10°	53376.9	58434.8	62365.9	63686.9	62365.9	58434.8	53376.9	45389.8	36633.4	28061.0	21434.8
-12.5°	42890.5	48349.3	52018.7	53363.6	52018.7	48349.3	42890.5	36593.7	29334.4	23629.9	18521.4
-15°	32846.8	37160.3	39745.0	40210.9	39745.0	37160.3	32846.8	28363.1	23706.7	19410.4	15227.0
-17.5°	24598.2	27165.1	28776.4	29470.0	28776.4	27165.1	24598.2	21509.4	18633.9	15323.4	11996.7
-20°	18389.4	19970.2	20815.9	20816.9	20815.9	19970.2	18389.4	16266.8	14080.5	11486.1	8939.8

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REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13347.8	14536.2	15187.2	15300.9	15187.2	14536.2	13347.8	11747.9	10017.6	8124.6	6206.5
-25°	8996.2	9866.8	10424.2	10433.2	10424.2	9866.8	8996.2	7824.8	6502.1	5351.3	4057.4
-27.5°	5597.4	6107.3	6409.4	6433.5	6409.4	6107.3	5597.4	4888.6	3976.9	3465.0	2818.4
-30°	3430.8	3635.2	3731.3	3708.5	3731.3	3635.2	3430.8	3114.2	2700.7	2393.6	2096.7
-32.5°	2316.1	2416.3	2470.2	2477.8	2470.2	2416.3	2316.1	2171.6	1976.0	1796.9	1658.1
-35°	1736.5	1785.5	1810.9	1813.0	1810.9	1785.5	1736.5	1663.2	1567.9	1464.7	1383.5
-37.5°	1403.8	1429.5	1441.0	1433.9	1441.0	1429.5	1403.8	1365.1	1313.0	1248.1	1198.1
-40°	1193.5	1207.7	1216.8	1225.2	1216.8	1207.7	1193.5	1171.2	1140.5	1103.4	1069.1
-42.5°	1046.9	1053.8	1057.7	1060.3	1057.7	1053.8	1046.9	1034.8	1017.8	995.9	973.6
-45°	943.6	946.7	947.1	945.0	947.1	946.7	943.6	936.8	927.4	915.5	901.9
-47.5°	864.2	865.4	864.9	862.6	864.9	865.4	864.2	860.8	855.8	848.9	839.6
-50°	799.0	796.3	793.8	791.1	793.8	796.3	799.0	799.8	798.5	794.5	787.9
-52.5°	750.0	747.1	744.4	741.7	744.4	747.1	750.0	751.0	749.7	745.9	740.4
-55°	704.4	702.6	700.5	697.7	700.5	702.6	704.4	704.7	703.3	701.0	697.4
-57.5°	664.3	663.7	664.3	664.8	664.3	663.7	664.3	663.8	662.2	660.4	657.0
-60°	623.5	624.1	625.6	626.3	625.6	624.1	623.5	621.3	617.7	613.7	609.4
-62.5°	563.0	563.6	567.6	571.4	567.6	563.6	563.0	560.8	557.2	554.2	550.7
-65°	497.9	498.1	501.9	505.5	501.9	498.1	497.9	496.2	493.1	489.9	486.5
-67.5°	436.4	437.6	441.5	445.0	441.5	437.6	436.4	434.5	431.7	429.0	426.4
-70°	378.5	377.7	381.2	384.6	381.2	377.7	378.5	378.3	377.3	375.5	372.8
-72.5°	323.8	322.9	323.7	324.1	323.7	322.9	323.8	323.8	322.8	321.0	318.6
-75°	267.8	268.0	268.9	269.2	268.9	268.0	267.8	267.0	265.6	263.7	262.0
-77.5°	213.4	213.3	214.0	214.3	214.0	213.3	213.4	212.9	212.0	210.4	208.1
-80°	159.0	158.6	159.1	159.3	159.1	158.6	159.0	158.9	158.4	157.3	154.8
-82.5°	108.6	109.3	109.8	109.9	109.8	109.3	108.6	107.6	106.4	104.9	104.4
-85°	59.7	60.1	60.3	60.4	60.3	60.1	59.7	59.2	58.6	57.8	58.1
-87.5°	21.8	21.9	22.0	22.0	22.0	21.9	21.8	21.7	21.5	21.2	21.0
-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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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°	20.7	20.3	19.9	19.5	19.1	18.6	18.0	17.5	16.9	16.2	15.6
85°	58.2	58.1	57.7	56.0	54.1	52.1	50.0	47.7	45.3	42.8	40.1
82.5°	103.7	102.8	101.3	97.6	93.7	89.8	85.9	82.5	78.9	75.1	71.1
80°	152.1	149.3	146.1	141.6	136.5	130.9	124.8	119.1	113.1	107.4	102.0
77.5°	205.1	201.3	196.6	190.7	184.2	177.3	169.9	162.3	154.8	146.8	138.5
75°	259.5	256.0	251.1	244.0	236.2	227.9	218.6	208.1	197.7	187.1	176.9
72.5°	315.3	311.3	305.6	297.4	288.1	278.2	267.6	255.7	242.7	228.5	215.6
70°	369.3	365.0	359.5	352.1	342.8	331.9	319.2	305.3	290.7	275.4	259.6
67.5°	422.4	417.1	411.2	404.6	396.4	386.2	372.6	356.6	339.7	322.3	304.1
65°	481.4	474.5	467.0	460.0	451.4	440.9	427.0	411.5	393.0	371.7	348.6
62.5°	545.9	539.6	528.8	517.3	506.0	493.9	478.2	461.3	444.3	424.5	397.1
60°	604.9	599.1	585.1	571.1	557.3	542.5	524.8	506.9	489.0	467.4	442.3
57.5°	652.1	643.0	629.9	616.5	603.0	584.9	566.1	548.2	528.6	507.8	484.5
55°	692.5	682.4	669.0	654.4	638.8	620.9	602.0	582.0	563.2	546.0	522.1
52.5°	733.7	721.1	706.6	690.9	673.6	654.4	634.2	613.2	594.9	577.0	557.0
50°	778.6	762.6	745.2	726.9	708.5	687.7	665.8	643.5	625.9	607.4	587.2
47.5°	826.9	807.9	787.3	766.5	745.0	722.5	698.8	674.9	655.5	636.4	615.6
45°	883.4	859.4	832.8	809.0	783.6	758.7	733.2	708.3	684.0	662.6	642.5
42.5°	949.1	920.5	890.2	857.7	825.0	796.5	767.8	741.0	713.9	688.2	665.0
40°	1031.7	989.9	954.7	914.6	875.9	836.8	805.4	773.2	743.7	714.4	687.8
37.5°	1140.7	1082.3	1031.7	979.5	933.1	886.8	846.5	810.0	773.2	741.8	711.8
35°	1287.7	1206.0	1126.6	1059.3	997.0	942.4	891.3	848.4	807.9	769.5	735.9
32.5°	1495.8	1376.2	1248.6	1157.8	1072.2	1001.2	941.2	887.8	841.5	799.2	760.8
30°	1822.2	1611.3	1430.3	1276.6	1166.0	1069.5	991.9	929.2	874.8	827.8	785.2
27.5°	2354.3	1924.4	1673.9	1444.1	1273.3	1152.8	1052.1	970.2	907.2	855.8	809.1
25°	3217.2	2491.6	1984.6	1667.1	1419.6	1241.5	1116.9	1019.4	942.2	881.0	826.2
22.5°	4481.1	3348.5	2476.3	1922.7	1598.6	1363.0	1193.6	1067.9	973.6	902.7	843.0
20°	6474.4	4453.6	3192.4	2336.9	1809.0	1479.5	1274.9	1124.8	1012.0	926.1	858.0
17.5°	8861.7	6162.7	4003.4	2782.8	2081.6	1647.6	1369.7	1179.4	1045.9	947.1	870.6
15°	11267.6	7950.4	5249.5	3429.3	2379.1	1794.5	1451.3	1226.6	1079.1	970.2	886.4
12.5°	13924.4	9865.6	6355.0	3963.8	2685.5	1971.6	1555.2	1290.1	1115.3	993.3	901.7
10°	16219.4	11654.6	7684.0	4820.2	3088.6	2157.4	1650.6	1344.6	1145.6	1011.9	913.5
7.5°	18285.9	13183.0	8798.5	5488.4	3401.2	2304.7	1727.1	1388.0	1168.3	1025.6	921.9
5°	19752.3	14351.0	9695.0	5993.4	3624.8	2406.8	1780.3	1418.6	1183.3	1034.2	926.8
2.5°	20667.2	15053.9	10279.7	6293.2	3734.3	2462.7	1813.7	1436.1	1195.9	1043.7	929.5
0°	20751.0	15004.2	10361.8	6439.0	3664.5	2472.3	1829.5	1439.4	1203.2	1049.4	928.5
-2.5°	20667.2	15053.9	10279.7	6293.2	3734.3	2462.7	1813.7	1436.1	1195.9	1043.7	929.5
-5°	19752.3	14351.0	9695.0	5993.4	3624.8	2406.8	1780.3	1418.6	1183.3	1034.2	926.8
-7.5°	18285.9	13183.0	8798.5	5488.4	3401.2	2304.7	1727.1	1388.0	1168.3	1025.6	921.9
-10°	16219.4	11654.6	7684.0	4820.2	3088.6	2157.4	1650.6	1344.6	1145.6	1011.9	913.5
-12.5°	13924.4	9865.6	6355.0	3963.8	2685.5	1971.6	1555.2	1290.1	1115.3	993.3	901.7
-15°	11267.6	7950.4	5249.5	3429.3	2379.1	1794.5	1451.3	1226.6	1079.1	970.2	886.4
-17.5°	8861.7	6162.7	4003.4	2782.8	2081.6	1647.6	1369.7	1179.4	1045.9	947.1	870.6
-20°	6474.4	4453.6	3192.4	2336.9	1809.0	1479.5	1274.9	1124.8	1012.0	926.1	858.0

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REPORT NUMBER: P627435 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4481.1	3348.5	2476.3	1922.7	1598.6	1363.0	1193.6	1067.9	973.6	902.7	843.0
-25°	3217.2	2491.6	1984.6	1667.1	1419.6	1241.5	1116.9	1019.4	942.2	881.0	826.2
-27.5°	2354.3	1924.4	1673.9	1444.1	1273.3	1152.8	1052.1	970.2	907.2	855.8	809.1
-30°	1822.2	1611.3	1430.3	1276.6	1166.0	1069.5	991.9	929.2	874.8	827.8	785.2
-32.5°	1495.8	1376.2	1248.6	1157.8	1072.2	1001.2	941.2	887.8	841.5	799.2	760.8
-35°	1287.7	1206.0	1126.6	1059.3	997.0	942.4	891.3	848.4	807.9	769.5	735.9
-37.5°	1140.7	1082.3	1031.7	979.5	933.1	886.8	846.5	810.0	773.2	741.8	711.8
-40°	1031.7	989.9	954.7	914.6	875.9	836.8	805.4	773.2	743.7	714.4	687.8
-42.5°	949.1	920.5	890.2	857.7	825.0	796.5	767.8	741.0	713.9	688.2	665.0
-45°	883.4	859.4	832.8	809.0	783.6	758.7	733.2	708.3	684.0	662.6	642.5
-47.5°	826.9	807.9	787.3	766.5	745.0	722.5	698.8	674.9	655.5	636.4	615.6
-50°	778.6	762.6	745.2	726.9	708.5	687.7	665.8	643.5	625.9	607.4	587.2
-52.5°	733.7	721.1	706.6	690.9	673.6	654.4	634.2	613.2	594.9	577.0	557.0
-55°	692.5	682.4	669.0	654.4	638.8	620.9	602.0	582.0	563.2	546.0	522.1
-57.5°	652.1	643.0	629.9	616.5	603.0	584.9	566.1	548.2	528.6	507.8	484.5
-60°	604.9	599.1	585.1	571.1	557.3	542.5	524.8	506.9	489.0	467.4	442.3
-62.5°	545.9	539.6	528.8	517.3	506.0	493.9	478.2	461.3	444.3	424.5	397.1
-65°	481.4	474.5	467.0	460.0	451.4	440.9	427.0	411.5	393.0	371.7	348.6
-67.5°	422.4	417.1	411.2	404.6	396.4	386.2	372.6	356.6	339.7	322.3	304.1
-70°	369.3	365.0	359.5	352.1	342.8	331.9	319.2	305.3	290.7	275.4	259.6
-72.5°	315.3	311.3	305.6	297.4	288.1	278.2	267.6	255.7	242.7	228.5	215.6
-75°	259.5	256.0	251.1	244.0	236.2	227.9	218.6	208.1	197.7	187.1	176.9
-77.5°	205.1	201.3	196.6	190.7	184.2	177.3	169.9	162.3	154.8	146.8	138.5
-80°	152.1	149.3	146.1	141.6	136.5	130.9	124.8	119.1	113.1	107.4	102.0
-82.5°	103.7	102.8	101.3	97.6	93.7	89.8	85.9	82.5	78.9	75.1	71.1
-85°	58.2	58.1	57.7	56.0	54.1	52.1	50.0	47.7	45.3	42.8	40.1
-87.5°	20.7	20.3	19.9	19.5	19.1	18.6	18.0	17.5	16.9	16.2	15.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	14.9	14.1	13.4	12.6	11.8	11.0	10.2	9.3	8.4	7.5	6.6
85°	37.4	34.5	31.5	28.4	25.2	22.0	20.3	18.6	16.8	15.0	13.2
82.5°	66.9	62.6	58.1	53.5	48.7	43.8	38.8	33.6	28.2	23.0	19.8
80°	96.5	90.7	84.7	78.6	72.3	65.6	58.9	51.9	44.2	36.8	29.8
77.5°	129.8	120.8	111.5	103.7	96.6	88.7	80.2	70.5	60.1	50.6	41.5
75°	166.4	155.5	144.3	133.2	122.6	111.9	102.1	90.8	77.7	64.4	53.0
72.5°	204.1	191.6	177.9	164.0	151.4	138.5	125.2	110.9	95.8	80.6	65.1
70°	244.0	228.5	213.3	197.5	181.3	165.0	149.7	132.5	113.8	96.5	79.1
67.5°	285.3	266.9	248.7	230.8	212.4	193.5	174.2	154.2	133.4	112.3	92.9
65°	327.6	305.8	283.6	263.6	243.1	222.0	200.4	176.0	152.7	129.5	106.5
62.5°	370.7	345.4	320.8	296.6	273.4	250.1	225.9	198.5	171.8	146.3	120.8
60°	414.1	385.0	357.3	330.3	303.7	277.7	250.4	220.3	191.1	162.8	135.2
57.5°	455.7	423.6	392.1	362.6	333.7	304.9	274.4	242.0	209.9	179.2	149.3
55°	496.1	463.3	426.3	392.8	362.0	331.4	297.6	263.2	228.2	195.0	163.0
52.5°	531.7	499.1	460.8	422.4	387.9	355.8	319.7	283.8	246.8	210.3	176.3
50°	564.0	531.0	492.5	451.9	412.7	377.2	340.7	302.9	264.7	225.3	189.2
47.5°	591.9	560.2	522.2	479.8	437.9	397.7	359.9	320.9	282.0	240.6	201.6
45°	617.1	588.3	550.6	507.2	461.3	418.6	377.9	337.9	297.2	255.4	213.5
42.5°	640.6	612.7	578.3	533.9	485.0	438.6	395.2	353.6	311.6	269.5	225.4
40°	661.9	634.0	604.1	558.9	507.5	457.3	412.1	368.5	325.0	282.3	237.0
37.5°	683.0	654.1	623.1	582.2	528.6	476.5	427.9	382.5	338.0	293.8	247.8
35°	704.6	673.7	639.8	600.6	548.7	494.1	442.4	395.7	350.2	304.6	257.9
32.5°	725.4	691.3	655.1	616.1	567.5	510.2	456.6	408.4	361.6	314.6	267.2
30°	745.8	705.7	668.8	631.9	583.9	525.9	470.5	420.3	372.3	324.0	275.6
27.5°	761.3	718.3	680.7	644.3	597.6	540.4	484.0	431.2	382.1	332.6	283.1
25°	775.3	730.4	691.0	654.2	611.2	555.4	496.3	441.3	391.0	340.5	289.9
22.5°	789.2	740.9	699.5	662.6	624.0	568.9	508.0	451.3	399.0	347.6	296.1
20°	801.2	749.4	706.6	670.3	632.5	579.4	519.0	460.2	406.1	353.8	301.5
17.5°	811.5	758.1	714.0	676.6	638.4	588.3	528.5	468.0	412.3	359.3	306.2
15°	822.0	767.0	720.4	681.5	643.5	595.6	536.7	474.6	417.5	363.9	310.6
12.5°	831.0	773.6	725.3	685.0	647.8	601.3	543.4	480.1	421.8	368.2	314.7
10°	838.0	778.0	728.8	687.1	651.2	605.4	548.7	485.1	426.9	372.1	318.1
7.5°	843.0	780.1	730.8	688.0	653.6	609.1	553.8	490.6	431.5	375.2	320.7
5°	846.3	781.1	732.1	690.1	655.0	612.5	557.5	495.0	435.1	377.4	322.6
2.5°	850.2	781.6	732.1	691.6	655.0	614.6	559.7	498.1	437.8	378.7	323.7
0°	851.6	780.2	730.7	692.2	653.8	615.3	560.4	500.0	439.5	379.1	324.1
-2.5°	850.2	781.6	732.1	691.6	655.0	614.6	559.7	498.1	437.8	378.7	323.7
-5°	846.3	781.1	732.1	690.1	655.0	612.5	557.5	495.0	435.1	377.4	322.6
-7.5°	843.0	780.1	730.8	688.0	653.6	609.1	553.8	490.6	431.5	375.2	320.7
-10°	838.0	778.0	728.8	687.1	651.2	605.4	548.7	485.1	426.9	372.1	318.1
-12.5°	831.0	773.6	725.3	685.0	647.8	601.3	543.4	480.1	421.8	368.2	314.7
-15°	822.0	767.0	720.4	681.5	643.5	595.6	536.7	474.6	417.5	363.9	310.6
-17.5°	811.5	758.1	714.0	676.6	638.4	588.3	528.5	468.0	412.3	359.3	306.2
-20°	801.2	749.4	706.6	670.3	632.5	579.4	519.0	460.2	406.1	353.8	301.5

Classified

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REPORT NUMBER: P627435 (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°	789.2	740.9	699.5	662.6	624.0	568.9	508.0	451.3	399.0	347.6	296.1
-25°	775.3	730.4	691.0	654.2	611.2	555.4	496.3	441.3	391.0	340.5	289.9
-27.5°	761.3	718.3	680.7	644.3	597.6	540.4	484.0	431.2	382.1	332.6	283.1
-30°	745.8	705.7	668.8	631.9	583.9	525.9	470.5	420.3	372.3	324.0	275.6
-32.5°	725.4	691.3	655.1	616.1	567.5	510.2	456.6	408.4	361.6	314.6	267.2
-35°	704.6	673.7	639.8	600.6	548.7	494.1	442.4	395.7	350.2	304.6	257.9
-37.5°	683.0	654.1	623.1	582.2	528.6	476.5	427.9	382.5	338.0	293.8	247.8
-40°	661.9	634.0	604.1	558.9	507.5	457.3	412.1	368.5	325.0	282.3	237.0
-42.5°	640.6	612.7	578.3	533.9	485.0	438.6	395.2	353.6	311.6	269.5	225.4
-45°	617.1	588.3	550.6	507.2	461.3	418.6	377.9	337.9	297.2	255.4	213.5
-47.5°	591.9	560.2	522.2	479.8	437.9	397.7	359.9	320.9	282.0	240.6	201.6
-50°	564.0	531.0	492.5	451.9	412.7	377.2	340.7	302.9	264.7	225.3	189.2
-52.5°	531.7	499.1	460.8	422.4	387.9	355.8	319.7	283.8	246.8	210.3	176.3
-55°	496.1	463.3	426.3	392.8	362.0	331.4	297.6	263.2	228.2	195.0	163.0
-57.5°	455.7	423.6	392.1	362.6	333.7	304.9	274.4	242.0	209.9	179.2	149.3
-60°	414.1	385.0	357.3	330.3	303.7	277.7	250.4	220.3	191.1	162.8	135.2
-62.5°	370.7	345.4	320.8	296.6	273.4	250.1	225.9	198.5	171.8	146.3	120.8
-65°	327.6	305.8	283.6	263.6	243.1	222.0	200.4	176.0	152.7	129.5	106.5
-67.5°	285.3	266.9	248.7	230.8	212.4	193.5	174.2	154.2	133.4	112.3	92.9
-70°	244.0	228.5	213.3	197.5	181.3	165.0	149.7	132.5	113.8	96.5	79.1
-72.5°	204.1	191.6	177.9	164.0	151.4	138.5	125.2	110.9	95.8	80.6	65.1
-75°	166.4	155.5	144.3	133.2	122.6	111.9	102.1	90.8	77.7	64.4	53.0
-77.5°	129.8	120.8	111.5	103.7	96.6	88.7	80.2	70.5	60.1	50.6	41.5
-80°	96.5	90.7	84.7	78.6	72.3	65.6	58.9	51.9	44.2	36.8	29.8
-82.5°	66.9	62.6	58.1	53.5	48.7	43.8	38.8	33.6	28.2	23.0	19.8
-85°	37.4	34.5	31.5	28.4	25.2	22.0	20.3	18.6	16.8	15.0	13.2
-87.5°	14.9	14.1	13.4	12.6	11.8	11.0	10.2	9.3	8.4	7.5	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
85°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
82.5°	17.0	14.2	11.4	8.6	5.7	2.9	0.0
80°	23.2	19.0	15.2	11.4	7.6	3.8	0.0
77.5°	32.9	24.8	19.0	14.2	9.5	4.8	0.0
75°	42.6	32.9	23.2	17.0	11.4	5.7	0.0
72.5°	52.2	40.9	29.6	19.8	13.2	6.6	0.0
70°	62.0	48.8	35.9	22.9	15.0	7.5	0.0
67.5°	73.9	56.6	42.1	27.6	16.8	8.4	0.0
65°	85.7	65.3	48.2	32.2	18.6	9.3	0.0
62.5°	97.3	75.0	54.2	36.7	20.3	10.2	0.0
60°	108.6	84.4	60.1	41.1	22.0	11.0	0.0
57.5°	120.5	93.6	67.4	45.4	24.8	11.8	0.0
55°	132.1	102.6	74.6	49.5	27.6	12.6	0.0
52.5°	143.2	111.4	81.5	53.6	30.3	13.4	0.0
50°	153.9	120.2	88.3	57.5	32.9	14.1	0.0
47.5°	164.2	128.7	94.8	61.6	35.4	14.9	0.0
45°	174.4	136.8	101.0	66.3	37.9	15.6	0.0
42.5°	184.2	144.4	107.0	70.7	40.2	16.2	0.0
40°	193.5	151.7	112.8	75.0	42.4	16.9	0.0
37.5°	202.3	158.5	118.3	78.9	44.5	17.5	0.0
35°	210.6	165.2	123.4	82.6	46.5	18.0	0.0
32.5°	218.5	171.7	128.2	86.0	48.3	18.6	0.0
30°	225.9	177.7	132.6	89.1	50.1	19.1	0.0
27.5°	232.7	183.3	136.6	91.9	51.7	19.5	0.0
25°	238.9	188.4	140.3	94.5	53.2	19.9	0.0
22.5°	244.3	193.0	143.7	96.7	54.5	20.3	0.0
20°	249.1	197.0	146.9	98.7	55.8	20.7	0.0
17.5°	253.5	200.4	149.7	100.4	56.8	21.0	0.0
15°	257.5	203.2	152.1	101.8	57.8	21.2	0.0
12.5°	260.9	205.5	154.3	102.9	58.6	21.5	0.0
10°	263.8	207.2	156.0	103.8	59.2	21.7	0.0
7.5°	266.1	208.4	157.5	104.3	59.7	21.8	0.0
5°	267.8	209.0	158.5	104.6	60.1	21.9	0.0
2.5°	268.9	209.2	159.1	104.6	60.3	22.0	0.0
0°	269.2	208.8	159.3	104.4	60.4	22.0	0.0
-2.5°	268.9	209.2	159.1	104.6	60.3	22.0	0.0
-5°	267.8	209.0	158.5	104.6	60.1	21.9	0.0
-7.5°	266.1	208.4	157.5	104.3	59.7	21.8	0.0
-10°	263.8	207.2	156.0	103.8	59.2	21.7	0.0
-12.5°	260.9	205.5	154.3	102.9	58.6	21.5	0.0
-15°	257.5	203.2	152.1	101.8	57.8	21.2	0.0
-17.5°	253.5	200.4	149.7	100.4	56.8	21.0	0.0
-20°	249.1	197.0	146.9	98.7	55.8	20.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	244.3	193.0	143.7	96.7	54.5	20.3	0.0
-25°	238.9	188.4	140.3	94.5	53.2	19.9	0.0
-27.5°	232.7	183.3	136.6	91.9	51.7	19.5	0.0
-30°	225.9	177.7	132.6	89.1	50.1	19.1	0.0
-32.5°	218.5	171.7	128.2	86.0	48.3	18.6	0.0
-35°	210.6	165.2	123.4	82.6	46.5	18.0	0.0
-37.5°	202.3	158.5	118.3	78.9	44.5	17.5	0.0
-40°	193.5	151.7	112.8	75.0	42.4	16.9	0.0
-42.5°	184.2	144.4	107.0	70.7	40.2	16.2	0.0
-45°	174.4	136.8	101.0	66.3	37.9	15.6	0.0
-47.5°	164.2	128.7	94.8	61.6	35.4	14.9	0.0
-50°	153.9	120.2	88.3	57.5	32.9	14.1	0.0
-52.5°	143.2	111.4	81.5	53.6	30.3	13.4	0.0
-55°	132.1	102.6	74.6	49.5	27.6	12.6	0.0
-57.5°	120.5	93.6	67.4	45.4	24.8	11.8	0.0
-60°	108.6	84.4	60.1	41.1	22.0	11.0	0.0
-62.5°	97.3	75.0	54.2	36.7	20.3	10.2	0.0
-65°	85.7	65.3	48.2	32.2	18.6	9.3	0.0
-67.5°	73.9	56.6	42.1	27.6	16.8	8.4	0.0
-70°	62.0	48.8	35.9	22.9	15.0	7.5	0.0
-72.5°	52.2	40.9	29.6	19.8	13.2	6.6	0.0
-75°	42.6	32.9	23.2	17.0	11.4	5.7	0.0
-77.5°	32.9	24.8	19.0	14.2	9.5	4.8	0.0
-80°	23.2	19.0	15.2	11.4	7.6	3.8	0.0
-82.5°	17.0	14.2	11.4	8.6	5.7	2.9	0.0
-85°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
-87.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)