

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

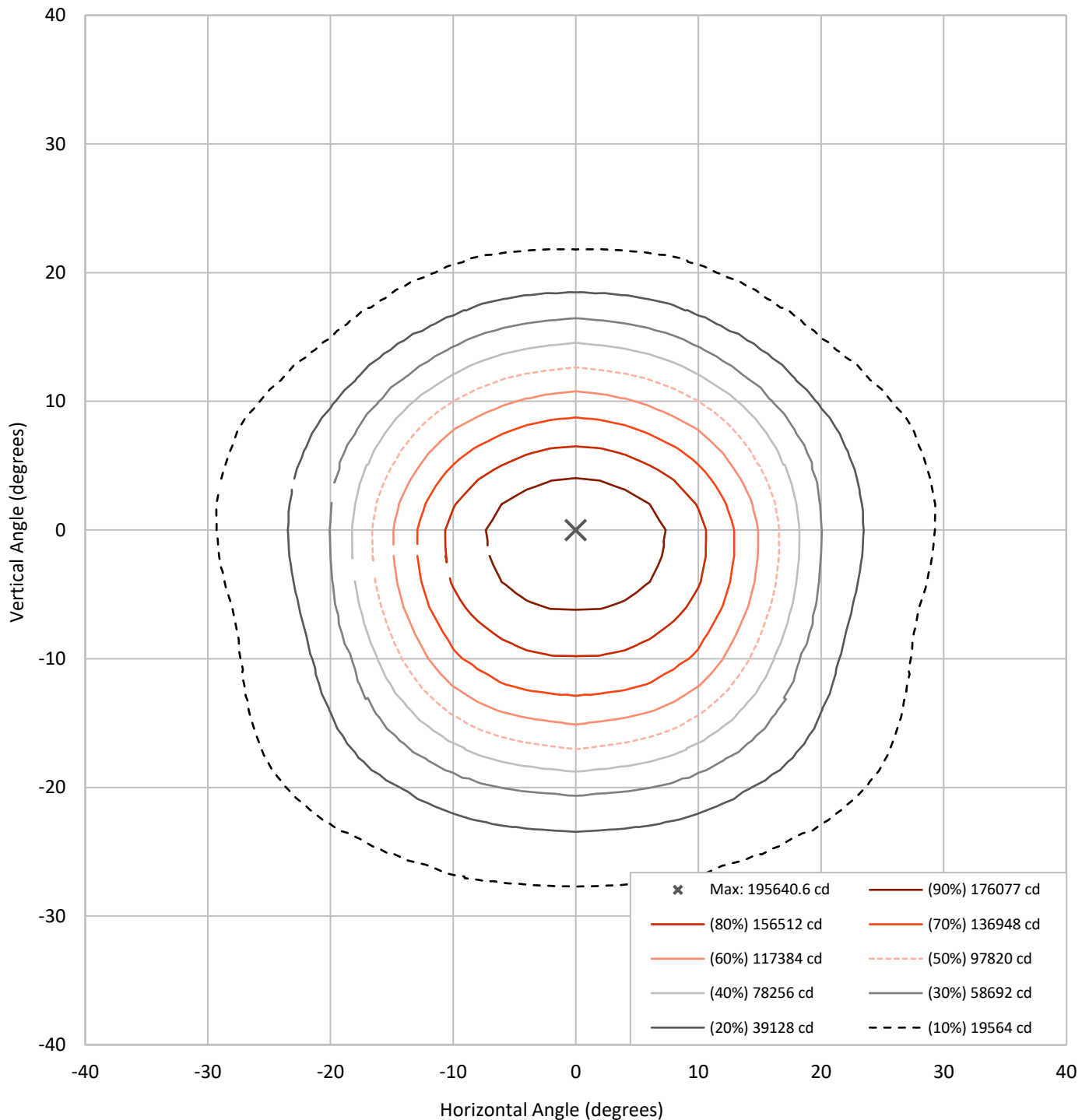
Test Method: LM-79-08
Report Number: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-57-80-4S-CV2-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	62613.9 lumens	Max Intensity:	195640.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	34358.2 lumens	Field Lumens:	55049.3 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	554		
Input Voltage (V):	NR		
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





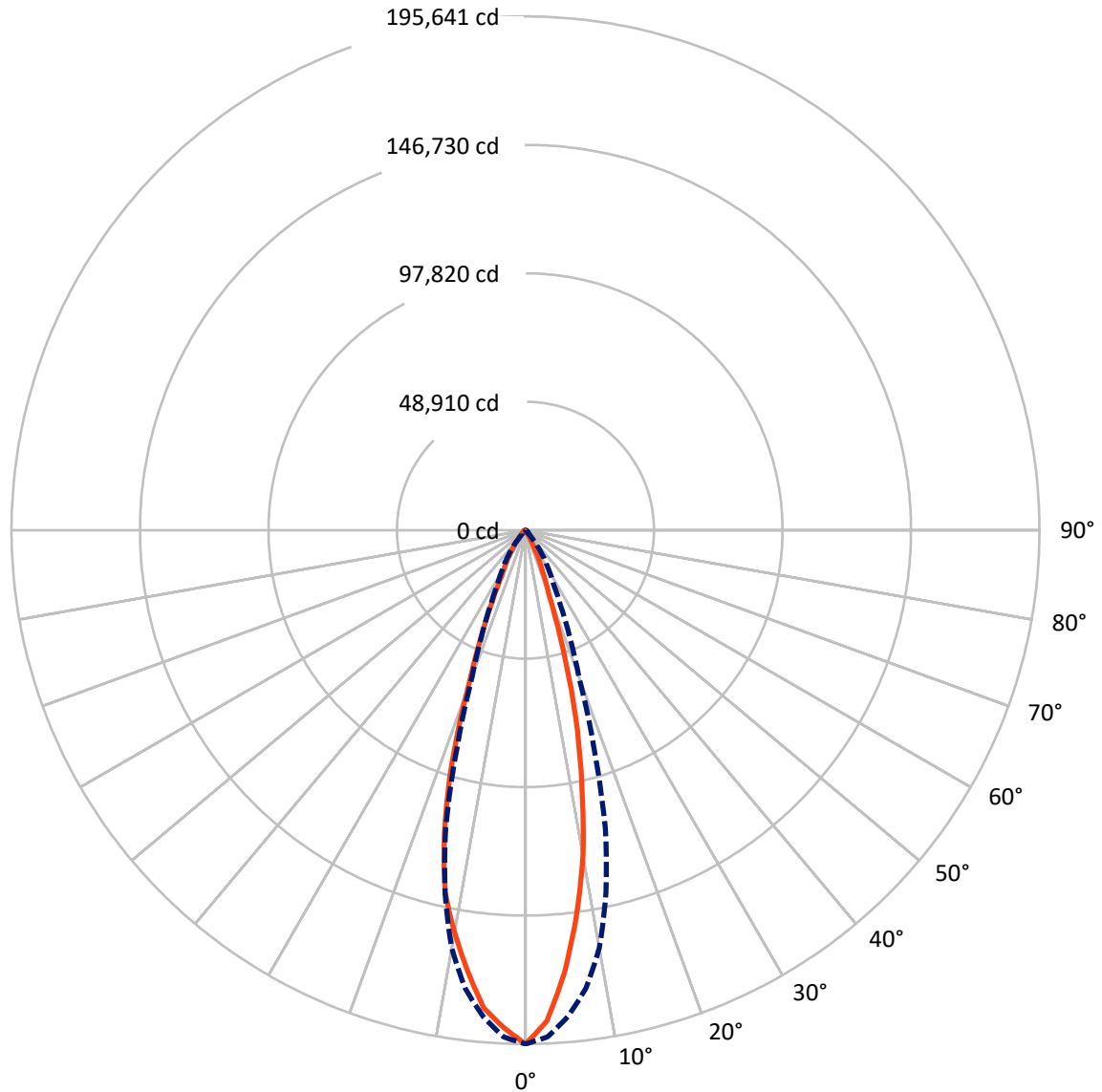
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Lumen Table

90																			
80	0.2	0.4		0.5		0.5		0.4		0.5		0.5		0.4		0.2			
70																			
60	0.2	0.1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.2			
50		0.1	0.3	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.3	0.1				
40	0.2	0.1	0.3	0.5	0.6	0.7	1.0	1.2	1.2	1.0	0.7	0.6	0.5	0.3	0.1	0.2			
30		0.2	0.7	1.5	2.6	5.9	11.8	16.3	16.3	11.8	5.9	2.6	1.5	0.7	0.2				
20	0.2	0.3	2.3	6.2	23.0	83.5	197.7	334.5	334.5	197.7	83.5	23.0	6.2	2.3	0.3	0.2			
10		0.8	5.1	16.5	101.4	351.0	1077.0	2034.8	2034.8	1077.0	351.0	101.4	16.5	5.1	0.8				
0	0.3	1.4	8.7	31.1	236.1	840.9	2789.5	4713.3	4713.3	2789.5	840.9	236.1	31.1	8.7	1.4	0.3			
-10		2.4	11.6	36.9	246.1	867.2	3130.8	5174.6	5174.6	3130.8	867.2	246.1	36.9	11.6	2.4				
-20	0.4	2.8	11.9	31.8	192.0	639.3	1869.8	3266.6	3266.6	1869.8	639.3	192.0	31.8	11.9	2.8	0.4			
-30		2.6	10.2	21.8	83.0	303.4	631.5	945.1	945.1	631.5	303.4	83.0	21.8	10.2	2.6				
-40	0.4	2.0	7.8	15.2	28.5	82.0	186.1	262.8	262.8	186.1	82.0	28.5	15.2	7.8	2.0	0.4			
-50		1.2	5.2	11.5	18.8	28.5	41.7	54.6	54.6	41.7	28.5	18.8	11.5	5.2	1.2				
-60	0.2	0.6	2.8	7.6	13.9	20.0	25.7	29.1	29.1	25.7	20.0	13.9	7.6	2.8	0.6	0.2			
-70		0.2	1.0	3.1	6.7	11.6	16.6	19.5	19.5	16.6	11.6	6.7	3.1	1.0	0.2				
-80	0.2	0.7		2.5		6.6		9.3		6.6		2.5		0.7		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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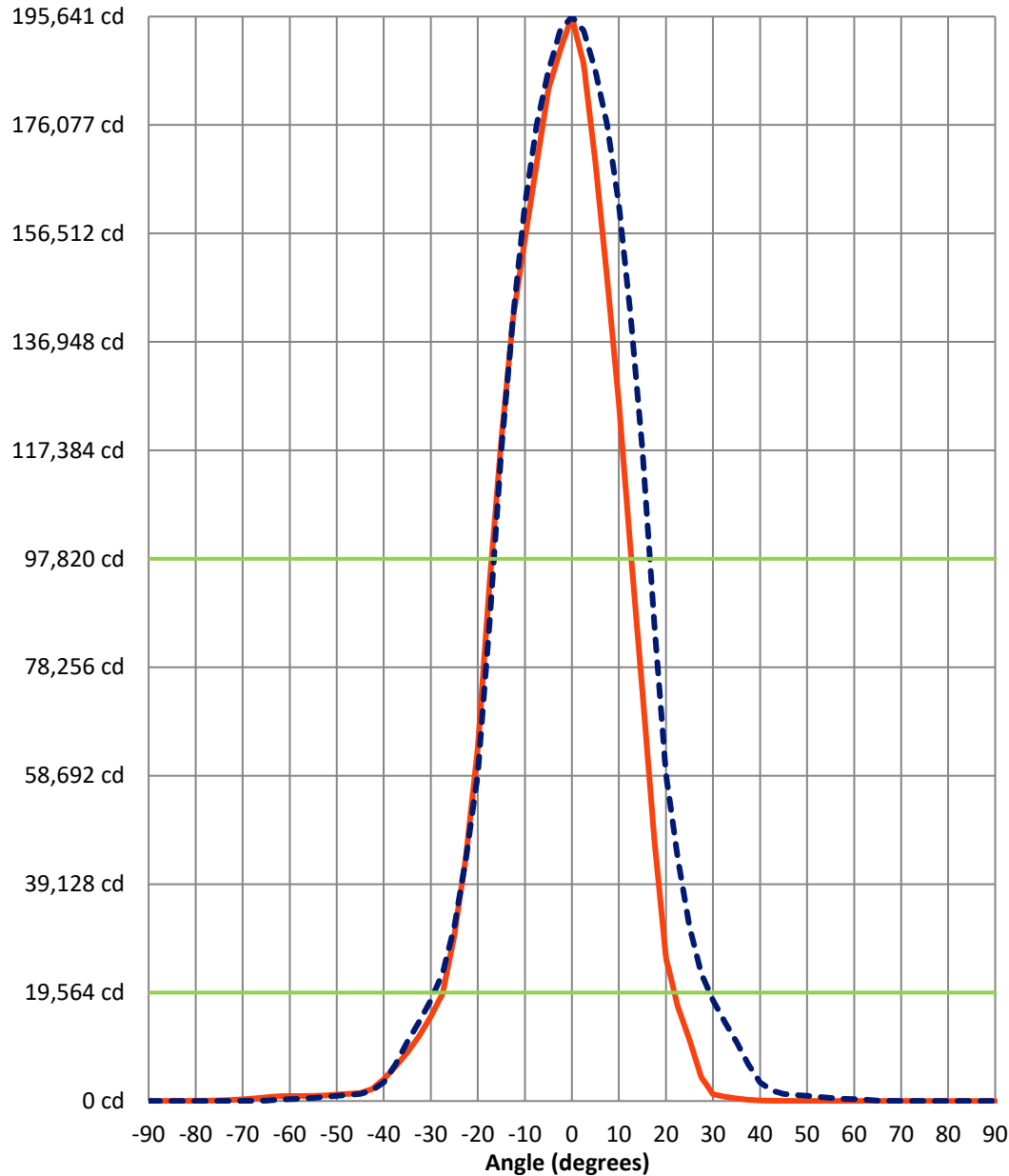
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 34358.2
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 55049.3
 Efficiency: 87.9%

Spill:
 Lumens: 7564.5
 Efficiency: 12.1%

— 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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9
80°	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.2	7.2	6.9
77.5°	6.9	6.9	6.9	6.9	6.9	7.0	7.4	7.6	7.5	7.4	7.0
75°	6.9	6.9	6.9	6.9	7.0	7.4	7.8	8.0	7.9	7.4	7.0
72.5°	6.9	6.9	6.9	6.9	7.2	7.7	8.2	8.3	7.9	7.5	7.1
70°	6.9	6.9	6.9	6.9	7.5	8.1	8.6	8.3	7.9	7.5	7.6
67.5°	6.9	6.9	6.9	7.1	7.8	8.4	8.6	8.4	8.0	8.0	8.2
65°	6.9	6.9	6.9	7.4	8.1	8.6	8.6	8.4	8.2	8.3	8.6
62.5°	6.9	6.9	6.9	7.5	8.3	8.6	8.6	8.5	8.4	8.6	8.6
60°	6.9	6.9	6.9	7.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6
57.5°	6.9	6.9	7.0	7.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6
55°	6.9	6.9	7.1	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6
52.5°	6.9	6.9	7.3	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6
50°	6.9	6.9	7.4	8.5	8.6	8.6	8.6	8.6	8.6	8.6	9.4
47.5°	6.9	6.9	7.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	10.2
45°	6.9	6.9	7.6	8.6	8.6	8.6	8.6	8.6	8.7	9.2	10.8
42.5°	6.9	6.9	7.7	8.6	8.6	8.6	8.6	8.7	8.8	9.7	11.3
40°	6.9	6.9	7.8	8.6	8.6	8.6	8.6	8.8	9.1	10.1	11.6
37.5°	6.9	6.9	7.9	8.6	8.6	8.6	8.6	9.0	9.6	10.7	12.0
35°	6.9	6.9	8.0	8.6	8.6	8.6	8.6	9.2	10.1	11.2	12.3
32.5°	6.9	6.9	8.1	8.6	8.6	8.6	8.7	9.4	10.6	11.7	13.1
30°	6.9	6.9	8.1	8.6	8.6	8.6	8.8	9.8	11.0	12.2	14.2
27.5°	6.9	6.9	8.2	8.6	8.6	8.6	9.0	10.1	11.4	12.7	15.5
25°	6.9	6.9	8.3	8.6	8.6	8.6	9.3	10.5	11.8	13.6	17.2
22.5°	6.9	6.9	8.3	8.6	8.6	8.6	9.5	10.8	12.2	14.8	20.8
20°	6.9	6.9	8.4	8.6	8.6	8.8	9.7	11.2	12.6	16.1	24.5
17.5°	6.9	6.9	8.4	8.6	8.6	8.9	9.9	11.5	12.9	17.5	28.2
15°	6.9	6.9	8.5	8.6	8.6	9.1	10.1	11.8	13.3	18.9	31.9
12.5°	6.9	6.9	8.5	8.6	8.6	9.3	10.2	12.1	14.2	20.4	35.5
10°	6.9	6.9	8.5	8.6	8.6	9.5	10.3	12.5	15.7	23.7	40.4
7.5°	6.9	6.9	8.6	8.6	8.6	9.8	10.4	12.8	17.4	27.4	48.7
5°	6.9	6.9	8.6	8.6	8.6	10.0	10.4	13.2	19.1	31.1	56.9
2.5°	6.9	6.9	8.6	8.6	8.6	10.2	10.4	13.5	20.8	34.6	64.9
0°	6.9	6.9	8.6	8.6	8.6	10.4	10.4	13.8	22.4	38.0	72.5
-2.5°	6.9	6.9	8.6	8.6	8.6	10.4	11.3	16.5	28.9	50.3	93.8
-5°	6.9	6.9	8.6	8.6	8.6	10.4	12.2	19.1	35.1	62.0	113.8
-7.5°	6.9	6.9	8.6	8.6	8.6	10.3	13.0	21.4	40.8	72.9	132.1
-10°	6.9	6.9	8.5	8.6	8.6	10.3	13.7	23.6	45.8	82.5	148.2
-12.5°	6.9	6.9	8.5	8.6	8.6	10.2	14.3	25.3	50.0	90.7	158.8
-15°	6.9	6.9	8.5	8.6	8.6	10.1	14.7	26.7	53.5	97.0	165.7
-17.5°	6.9	6.9	8.4	8.6	8.6	10.0	15.0	28.2	56.4	101.7	170.4
-20°	6.9	6.9	8.4	8.6	8.6	9.8	15.3	29.6	58.0	104.6	172.5



REPORT NUMBER: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.9	6.9	8.3	8.6	8.6	9.7	15.9	30.5	58.4	105.5	172.1
-25°	6.9	6.9	8.3	8.6	8.6	9.8	16.2	30.8	57.4	104.4	169.0
-27.5°	6.9	6.9	8.2	8.6	8.6	10.0	16.1	30.6	54.9	102.0	167.3
-30°	6.9	6.9	8.1	8.6	8.6	10.0	15.6	29.7	53.3	99.0	162.9
-32.5°	6.9	6.9	8.1	8.6	8.7	9.9	14.8	29.0	52.2	94.0	155.6
-35°	6.9	6.9	8.0	8.6	8.8	9.7	14.4	28.0	50.1	86.9	145.3
-37.5°	6.9	6.9	7.9	8.6	8.8	9.5	14.1	26.3	47.2	77.7	129.4
-40°	6.9	6.9	7.8	8.6	8.9	9.6	13.6	24.1	43.3	71.6	113.9
-42.5°	6.9	6.9	7.7	8.6	8.9	9.6	13.0	21.2	39.6	64.8	97.6
-45°	6.9	6.9	7.6	8.7	9.0	9.7	12.1	18.7	35.6	57.2	81.8
-47.5°	6.9	6.9	7.5	8.7	9.0	9.6	11.0	17.4	30.7	49.2	72.7
-50°	6.9	6.9	7.4	8.6	9.1	9.6	10.7	15.8	24.8	42.3	63.0
-52.5°	6.9	6.9	7.3	8.5	9.1	9.5	10.6	13.8	21.1	34.9	52.9
-55°	6.9	6.9	7.1	8.3	9.2	9.6	10.4	11.9	18.2	26.9	43.8
-57.5°	6.9	6.9	7.0	8.2	9.2	9.6	10.3	11.6	15.1	22.2	34.0
-60°	6.9	6.9	6.9	8.0	9.2	9.7	10.1	11.2	12.4	18.2	25.5
-62.5°	6.9	6.9	6.9	7.8	9.0	9.7	10.1	10.8	12.0	13.9	20.5
-65°	6.9	6.9	6.9	7.7	8.8	9.7	10.2	10.5	11.5	12.6	15.1
-67.5°	6.9	6.9	6.9	7.5	8.5	9.6	10.2	10.5	11.0	12.0	13.0
-70°	6.9	6.9	6.9	7.3	8.3	9.3	10.2	10.5	10.9	11.5	12.4
-72.5°	6.9	6.9	6.9	7.2	8.0	9.0	9.9	10.4	10.7	11.1	11.8
-75°	6.9	6.9	6.9	7.2	7.7	8.6	9.5	10.0	10.4	10.7	11.2
-77.5°	6.9	6.9	6.9	7.2	7.6	8.3	9.1	9.5	9.9	10.2	10.6
-80°	6.9	6.9	6.9	7.1	7.5	8.0	8.6	9.0	9.3	9.5	9.8
-82.5°	6.9	6.9	6.9	7.1	7.3	7.7	8.2	8.4	8.6	8.9	9.1
-85°	6.9	6.9	6.9	7.0	7.2	7.4	7.8	7.9	8.1	8.2	8.3
-87.5°	6.9	6.9	6.9	7.0	7.0	7.2	7.3	7.4	7.5	7.6	7.6
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



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 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.1	5.6
87.5°	6.5	6.1	5.6	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9
85°	6.5	6.1	5.7	5.5	5.5	5.4	5.4	5.2	5.0	4.8	4.7
82.5°	6.7	6.5	6.4	6.4	6.3	6.0	5.7	5.2	5.2	5.2	5.2
80°	6.8	6.9	6.9	6.9	6.5	6.1	5.7	5.3	5.2	5.3	5.3
77.5°	6.9	6.9	6.9	6.9	6.6	6.3	6.2	6.1	6.1	6.0	5.7
75°	6.9	6.9	7.0	7.0	6.8	6.8	6.9	6.9	6.6	6.2	5.8
72.5°	7.2	7.4	7.4	7.1	6.9	6.9	6.9	6.9	7.1	7.2	7.1
70°	7.9	7.9	7.6	7.2	6.9	7.2	8.1	9.0	9.6	9.7	9.9
67.5°	8.5	8.1	7.7	7.5	8.3	9.3	10.4	11.7	13.2	13.6	14.4
65°	8.6	8.2	8.2	8.9	10.2	11.6	13.1	14.8	18.5	20.8	21.9
62.5°	8.6	8.5	9.0	10.3	12.1	13.7	16.4	20.6	26.2	30.1	30.3
60°	8.6	8.8	10.1	12.0	13.8	16.1	20.2	26.5	35.0	41.3	37.7
57.5°	8.6	9.6	11.7	13.5	15.4	18.0	24.1	32.3	41.0	50.1	42.9
55°	9.1	11.0	12.9	14.7	17.0	20.4	26.7	34.5	44.1	46.6	38.3
52.5°	10.2	12.2	13.7	15.8	18.7	21.9	26.4	33.2	36.2	36.9	31.9
50°	11.3	12.8	14.3	16.7	19.8	22.5	23.8	27.9	29.0	27.6	24.9
47.5°	11.9	13.3	14.8	17.5	20.6	22.8	22.9	23.0	22.7	22.3	18.4
45°	12.3	13.8	15.3	18.3	21.6	23.5	22.4	19.2	21.9	21.2	20.2
42.5°	12.8	14.3	16.8	19.2	23.5	24.7	23.0	23.8	24.5	25.6	25.9
40°	13.2	14.8	18.9	23.5	26.0	26.6	29.4	31.6	30.6	33.5	35.2
37.5°	13.6	17.1	22.9	31.4	28.7	32.5	37.9	46.4	46.8	44.1	50.6
35°	13.9	19.8	32.6	41.8	39.6	41.8	56.0	67.3	70.7	67.0	71.2
32.5°	15.6	22.8	44.7	54.4	59.9	62.7	78.8	95.8	108.7	111.2	100.7
30°	18.8	33.9	58.7	69.5	85.5	101.0	112.2	132.8	159.2	179.7	188.2
27.5°	22.9	47.4	73.3	92.9	117.2	143.7	163.0	188.8	231.7	268.5	298.8
25°	27.3	65.9	89.5	121.4	157.6	191.9	221.7	264.6	321.4	382.5	488.9
22.5°	37.2	86.8	114.1	152.8	200.8	243.6	293.3	354.2	427.0	510.9	708.2
20°	53.2	107.5	143.5	188.0	247.1	297.9	367.9	445.7	544.9	724.0	1058.8
17.5°	70.3	129.7	173.8	229.5	302.9	367.1	445.6	536.6	668.0	954.5	1613.9
15°	88.1	153.0	202.6	273.5	363.9	455.5	550.3	649.3	837.4	1280.6	2320.8
12.5°	106.0	177.0	230.0	319.0	428.5	547.8	660.8	786.7	1058.8	1841.1	3367.9
10°	123.7	201.1	255.9	365.0	495.2	642.1	770.4	918.7	1288.9	2348.8	4304.3
7.5°	152.8	232.5	283.6	410.2	562.3	736.4	877.9	1044.4	1513.8	2791.4	5166.7
5°	183.6	271.1	327.7	465.6	628.5	820.4	975.1	1162.9	1726.6	3163.7	5975.7
2.5°	213.0	308.2	370.8	518.8	690.5	885.8	1036.9	1229.3	1840.4	3337.7	6475.3
0°	239.8	343.3	412.3	567.6	747.1	943.7	1092.1	1287.1	1909.9	3371.2	6635.5
-2.5°	272.4	381.8	455.3	606.4	778.0	977.7	1127.1	1331.0	1981.7	3559.8	6664.5
-5°	300.3	417.5	496.2	640.9	803.9	1004.3	1156.4	1365.2	2015.3	3645.6	6524.4
-7.5°	322.9	450.1	535.0	668.3	817.3	1009.6	1167.1	1370.8	1991.9	3601.4	6237.6
-10°	336.5	463.9	544.4	667.8	812.9	998.4	1167.2	1365.8	1924.6	3418.1	5835.0
-12.5°	326.7	460.1	546.1	662.8	804.6	979.5	1159.0	1350.2	1810.0	3079.6	5363.8
-15°	314.4	453.9	544.9	653.2	792.8	953.0	1141.7	1323.5	1631.5	2554.7	4781.9
-17.5°	300.5	445.5	540.8	638.8	777.7	918.9	1106.7	1254.1	1446.7	2176.7	4111.1
-20°	285.3	434.8	533.5	619.7	759.2	869.7	1024.2	1176.0	1351.7	1851.0	3208.7



REPORT NUMBER: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	269.4	422.1	521.3	607.3	712.2	813.0	937.4	1086.1	1247.2	1446.3	2248.9
-25°	260.1	398.2	503.8	578.6	661.4	755.2	848.2	985.6	1138.0	1298.4	1720.8
-27.5°	255.3	375.2	475.2	549.8	612.4	697.3	776.4	886.1	1027.4	1164.6	1298.4
-30°	247.0	342.5	446.0	520.0	576.8	643.8	711.9	800.8	926.3	1046.7	1157.7
-32.5°	229.2	309.4	410.1	486.9	545.3	594.1	661.4	740.9	837.4	942.0	1031.3
-35°	207.3	283.2	371.5	453.9	514.2	560.5	621.1	687.8	758.7	849.4	956.3
-37.5°	187.0	254.7	333.0	416.8	478.6	534.9	581.5	641.5	702.7	769.9	876.8
-40°	165.2	224.1	298.2	375.2	446.8	505.1	553.5	598.5	651.9	719.0	790.5
-42.5°	142.5	198.4	262.5	334.5	406.3	469.2	524.1	565.6	611.3	669.1	732.6
-45°	123.7	171.2	226.0	294.1	361.9	428.1	484.1	536.4	580.2	622.8	677.6
-47.5°	104.1	144.5	194.9	252.9	317.3	379.5	440.2	497.9	553.5	593.3	627.0
-50°	86.1	122.3	163.4	216.7	272.9	331.1	387.9	455.5	514.4	564.6	603.7
-52.5°	74.7	99.4	137.2	180.9	231.4	283.8	339.9	402.1	466.0	525.7	571.4
-55°	62.6	83.9	110.6	148.4	191.3	238.7	291.2	348.3	406.5	466.3	524.9
-57.5°	50.9	69.9	90.2	116.6	153.7	194.3	242.4	293.0	346.6	401.0	455.1
-60°	39.2	55.8	74.1	93.4	116.1	152.6	192.4	236.9	284.5	333.3	382.2
-62.5°	28.0	41.6	57.7	75.1	93.1	112.9	145.1	182.1	220.5	261.0	303.6
-65°	21.7	28.8	40.7	56.1	72.5	89.8	108.9	129.8	161.8	193.2	223.1
-67.5°	15.3	21.8	28.2	36.1	50.2	65.1	81.1	98.5	117.1	135.4	156.8
-70°	13.6	15.4	20.5	26.3	31.8	39.1	52.2	66.2	80.6	94.5	109.8
-72.5°	12.8	14.1	16.0	18.2	22.8	27.4	31.8	36.1	44.6	56.0	67.3
-75°	11.9	12.7	14.0	15.7	17.5	19.4	21.7	25.5	29.0	32.5	35.9
-77.5°	11.0	11.6	12.3	13.2	14.3	15.7	17.3	18.9	20.4	21.8	23.3
-80°	10.1	10.4	10.8	11.4	12.0	12.8	13.6	14.5	15.2	15.9	16.9
-82.5°	9.3	9.5	9.7	9.9	10.0	10.2	10.5	11.0	11.5	11.9	12.3
-85°	8.5	8.6	8.7	8.9	8.7	8.5	8.4	8.4	8.6	8.8	9.0
-87.5°	7.7	7.7	7.8	7.9	7.7	7.4	7.2	6.9	6.8	6.7	6.6
-90°	6.5	6.1	5.6	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9



REPORT NUMBER: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.2	5.2	5.2	5.2	5.2	6.1	6.9	7.8	8.6	9.5	10.4
87.5°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.7	1.7
85°	4.6	4.4	4.1	3.8	3.5	3.4	3.4	3.4	3.4	3.0	2.6
82.5°	5.2	4.8	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.1	2.6
80°	5.2	4.8	4.4	4.0	3.6	3.5	3.5	3.5	3.5	3.1	2.6
77.5°	5.3	4.9	4.7	4.5	4.4	4.3	4.1	3.9	3.5	3.1	2.6
75°	5.4	5.3	5.4	5.4	5.3	4.9	4.5	4.0	3.6	3.4	3.4
72.5°	6.8	6.5	6.4	6.6	6.5	6.4	6.0	5.6	5.0	4.9	5.0
70°	10.1	10.3	10.4	10.2	9.6	8.8	8.2	7.5	6.7	6.6	6.7
67.5°	15.3	15.5	15.0	13.9	12.2	10.6	9.9	9.2	8.5	8.2	8.4
65°	22.0	20.3	18.6	16.6	14.4	12.0	11.2	10.6	10.1	10.1	10.7
62.5°	28.4	23.1	18.6	15.8	13.7	11.9	11.1	10.4	9.6	9.3	9.6
60°	31.3	22.2	16.1	14.3	12.5	10.7	9.6	8.8	8.0	7.5	7.8
57.5°	31.4	21.7	14.9	12.7	10.8	9.2	8.3	7.8	7.3	6.9	7.4
55°	27.9	19.3	12.7	10.9	9.8	9.0	8.5	8.4	8.2	8.0	8.3
52.5°	22.4	16.2	11.8	10.2	10.3	10.3	10.3	10.3	10.4	10.7	11.2
50°	17.9	13.8	12.5	11.8	12.2	12.3	12.0	12.7	13.6	14.1	14.5
47.5°	16.4	15.1	15.1	14.7	15.4	16.6	16.8	17.3	18.7	19.5	20.0
45°	18.2	19.5	20.3	21.7	22.6	24.6	25.3	25.2	28.1	30.0	31.0
42.5°	25.4	27.6	30.3	33.1	34.4	37.0	39.5	40.9	45.2	48.6	50.0
40°	38.4	39.7	45.4	48.8	51.4	54.5	62.5	67.9	76.2	91.7	102.9
37.5°	56.4	60.6	63.9	68.8	79.7	85.0	110.6	133.7	149.6	188.2	210.0
35°	82.6	94.0	90.0	112.1	139.4	173.7	211.0	266.7	310.8	362.9	411.0
32.5°	129.5	157.2	184.0	209.6	271.0	369.5	372.2	476.3	546.0	630.4	704.7
30°	204.8	302.9	426.1	467.0	639.8	832.9	779.4	939.0	1097.3	1191.5	1516.4
27.5°	404.3	625.1	870.1	1181.4	1503.4	1835.5	2055.4	2132.4	2933.0	3521.7	4288.0
25°	691.8	1079.2	1763.6	2267.8	2833.2	3570.7	3996.7	4570.2	5905.6	7569.7	8862.3
22.5°	1102.4	1779.4	2683.6	3446.6	4294.1	5288.0	6186.8	7561.7	9638.3	11909.9	13842.3
20°	1562.6	2435.5	3581.2	4724.3	5835.3	7130.5	8694.4	11501.9	14710.6	18271.3	21490.3
17.5°	2411.7	3270.0	4737.3	6300.0	7878.5	9438.6	12877.7	17035.6	22058.6	27334.6	32020.7
15°	3625.0	5014.3	6469.6	8535.9	11163.2	14161.3	18516.8	25809.5	33610.6	41844.8	51661.1
12.5°	5208.5	7222.6	9405.7	11798.0	15360.3	20833.2	28058.5	36959.9	48126.1	60479.5	74447.8
10°	6824.3	9729.1	12735.5	16152.2	20847.3	27896.7	37227.6	48373.2	65933.7	83241.9	97820.4
7.5°	8138.1	11523.3	15316.4	19855.1	25974.6	34564.1	46095.0	62203.0	83144.9	103738.6	120047.6
5°	9370.8	13089.4	17038.2	21675.4	29053.2	39411.1	53297.9	73394.7	98448.2	120350.0	137825.9
2.5°	10264.8	14171.1	18256.3	22974.7	31386.0	42357.7	57603.6	82532.4	111368.9	133808.6	153846.7
0°	10660.6	14275.1	18183.0	23024.2	31462.6	43860.6	59096.8	86391.0	117349.8	141473.8	161602.1
-2.5°	10169.9	13679.0	17711.7	22441.2	30900.1	42810.1	58548.5	85956.5	117021.8	141487.3	161332.0
-5°	9650.8	12977.4	16720.9	21092.7	28806.0	39880.2	55937.8	82125.1	111935.6	136532.0	155890.2
-7.5°	9097.3	12142.0	15491.2	19413.5	26256.5	36913.1	51823.6	73925.7	101790.5	126833.9	145040.4
-10°	8464.5	11236.3	14758.3	18915.5	24872.6	34136.0	46466.9	64173.5	90272.5	113540.4	133529.9
-12.5°	8093.0	11049.5	14568.9	18387.4	23192.7	31356.2	42575.6	57679.6	75545.1	97158.6	114945.2
-15°	7615.5	10608.1	14098.5	17680.9	22128.9	28502.7	37360.9	48454.8	62048.9	76613.7	92401.2
-17.5°	6830.4	9821.3	12632.1	15994.3	20219.1	25254.8	31620.6	40230.2	49249.9	59569.8	69015.3
-20°	5537.6	7953.5	10611.6	13779.6	17411.4	21227.5	25478.5	31344.8	37066.3	44291.2	50091.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3984.0	6026.1	8329.1	10947.2	13823.3	17090.4	20292.7	23388.5	27309.7	31883.0	36543.2
-25°	2594.7	4105.4	6099.7	8245.5	10254.1	12865.1	15165.8	17014.7	19658.8	21728.1	24552.3
-27.5°	1796.7	2778.7	4264.2	5973.9	7558.3	9229.5	11102.5	12364.7	14424.5	15543.9	17275.2
-30°	1314.7	1865.8	2934.2	4213.0	5593.3	7015.8	8352.9	9740.7	11173.6	12440.6	13401.4
-32.5°	1165.9	1382.3	1909.2	2829.6	3909.7	5102.5	6234.8	7444.7	8586.1	9568.2	10360.8
-35°	1064.8	1186.2	1351.7	1838.4	2482.9	3414.2	4305.0	5284.4	6201.2	6960.4	7596.7
-37.5°	984.8	1082.0	1186.2	1293.0	1654.8	2062.4	2695.5	3376.2	3964.5	4636.7	5155.9
-40°	893.9	997.7	1081.2	1166.4	1262.3	1364.6	1707.3	2012.1	2344.5	2798.3	3169.0
-42.5°	800.1	890.5	984.5	1063.8	1136.2	1212.7	1289.7	1357.9	1526.7	1726.8	1878.6
-45°	735.3	799.2	868.1	952.1	1030.1	1096.3	1158.6	1218.4	1279.6	1336.2	1383.2
-47.5°	678.1	729.8	786.5	844.3	902.9	971.0	1034.9	1095.5	1148.7	1196.9	1235.8
-50°	636.4	672.2	719.3	764.9	815.0	862.5	904.9	954.6	1009.1	1058.5	1098.0
-52.5°	615.3	646.6	673.6	706.3	751.6	791.3	826.2	865.6	903.4	938.1	963.5
-55°	573.8	614.7	654.2	691.0	722.2	750.6	780.9	819.6	852.8	881.3	897.1
-57.5°	508.7	561.3	611.1	657.7	701.6	742.8	777.1	807.8	838.6	867.8	881.3
-60°	431.9	482.0	534.0	590.2	646.8	703.2	744.7	784.3	821.6	852.9	869.5
-62.5°	349.3	395.0	441.5	492.0	545.9	598.6	643.9	691.2	739.6	781.3	808.0
-65°	255.3	294.3	336.0	377.4	418.4	460.6	501.0	540.7	579.3	610.6	632.4
-67.5°	183.0	208.2	233.9	260.5	292.3	324.8	354.7	383.6	411.2	433.3	449.6
-70°	125.9	142.1	157.3	174.2	194.4	214.2	232.7	250.2	266.5	280.4	292.0
-72.5°	78.3	88.9	99.5	111.4	122.9	134.0	144.4	154.1	163.2	171.4	178.8
-75°	39.3	44.3	52.7	60.6	68.1	75.9	83.0	89.3	94.8	99.4	103.3
-77.5°	25.5	28.7	31.7	34.6	37.3	40.9	44.9	48.9	52.9	56.2	59.3
-80°	17.8	19.6	21.5	23.4	25.3	27.5	29.9	32.1	34.4	35.9	37.2
-82.5°	12.7	13.7	14.8	15.9	17.0	18.6	20.3	21.9	23.4	24.5	25.6
-85°	9.1	9.6	10.1	10.6	11.1	12.6	14.0	15.5	16.9	17.9	18.8
-87.5°	6.6	6.6	6.7	6.7	6.7	8.0	9.3	10.7	12.0	12.5	12.9
-90°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.7	1.7



REPORT NUMBER: P1306266 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	11.2	12.1	12.1	12.1	12.1	12.1	11.2	10.4	9.5	8.6	7.8
87.5°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	2.2
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4
82.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.5
80°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.5
77.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.9
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	4.0
72.5°	5.1	5.2	5.2	5.2	5.2	5.2	5.1	5.0	4.9	5.0	5.6
70°	6.8	6.8	6.1	5.2	6.1	6.8	6.8	6.7	6.6	6.7	7.5
67.5°	8.5	8.5	9.4	10.4	9.4	8.5	8.5	8.4	8.2	8.5	9.2
65°	11.3	11.9	11.3	10.4	11.3	11.9	11.3	10.7	10.1	10.1	10.6
62.5°	10.0	10.4	9.6	8.6	9.6	10.4	10.0	9.6	9.3	9.6	10.4
60°	8.2	8.6	8.6	8.6	8.6	8.6	8.2	7.8	7.5	8.0	8.8
57.5°	7.9	8.4	8.6	8.6	8.6	8.4	7.9	7.4	6.9	7.3	7.8
55°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.3	8.0	8.2	8.4
52.5°	11.6	11.9	12.0	12.1	12.0	11.9	11.6	11.2	10.7	10.4	10.3
50°	14.9	15.3	15.4	15.5	15.4	15.3	14.9	14.5	14.1	13.6	12.7
47.5°	20.5	20.6	20.6	20.7	20.6	20.6	20.5	20.0	19.5	18.7	17.3
45°	31.5	31.2	30.9	31.1	30.9	31.2	31.5	31.0	30.0	28.1	25.2
42.5°	51.3	51.4	51.3	51.8	51.3	51.4	51.3	50.0	48.6	45.2	40.9
40°	106.0	102.2	96.7	96.6	96.7	102.2	106.0	102.9	91.7	76.2	67.9
37.5°	220.7	224.5	224.0	227.7	224.0	224.5	220.7	210.0	188.2	149.6	133.7
35°	447.6	467.7	472.2	471.0	472.2	467.7	447.6	411.0	362.9	310.8	266.7
32.5°	737.2	763.8	771.3	781.6	771.3	763.8	737.2	704.7	630.4	546.0	476.3
30°	1296.0	1331.9	1297.7	1228.4	1297.7	1331.9	1296.0	1516.4	1191.5	1097.3	939.0
27.5°	4696.0	4868.2	4480.6	4339.1	4480.6	4868.2	4696.0	4288.0	3521.7	2933.0	2132.4
25°	9570.4	10332.1	11112.9	11043.7	11112.9	10332.1	9570.4	8862.3	7569.7	5905.6	4570.2
22.5°	15445.4	16217.2	16860.5	17082.2	16860.5	16217.2	15445.4	13842.3	11909.9	9638.3	7561.7
20°	24464.2	25967.5	27043.9	25896.8	27043.9	25967.5	24464.2	21490.3	18271.3	14710.6	11501.9
17.5°	39104.6	43631.5	45983.1	47468.2	45983.1	43631.5	39104.6	32020.7	27334.6	22058.6	17035.6
15°	60703.1	67530.2	71312.4	73817.0	71312.4	67530.2	60703.1	51661.1	41844.8	33610.6	25809.5
12.5°	85611.6	93055.1	96398.0	99126.4	96398.0	93055.1	85611.6	74447.8	60479.5	48126.1	36959.9
10°	109290.4	117332.1	122899.8	125793.5	122899.8	117332.1	109290.4	97820.4	83241.9	65933.7	48373.2
7.5°	130985.9	140823.2	146473.1	148271.6	146473.1	140823.2	130985.9	120047.6	103738.6	83144.9	62203.0
5°	152207.0	160984.1	167778.7	169319.4	167778.7	160984.1	152207.0	137825.9	120350.0	98448.2	73394.7
2.5°	168546.4	179065.5	185165.7	187009.8	185165.7	179065.5	168546.4	153846.7	133808.6	111368.9	82532.4
0°	176034.2	185827.1	193050.0	195640.6	193050.0	185827.1	176034.2	161602.1	141473.8	117349.8	86391.0
-2.5°	174468.0	183492.7	188662.9	189553.7	188662.9	183492.7	174468.0	161332.0	141487.3	117021.8	85956.5
-5°	168959.8	177251.5	182358.1	182504.1	182358.1	177251.5	168959.8	155890.2	136532.0	111935.6	82125.1
-7.5°	156860.5	164614.2	168174.3	169068.3	168174.3	164614.2	156860.5	145040.4	126833.9	101790.5	73925.7
-10°	144545.6	151739.2	155103.3	155475.6	155103.3	151739.2	144545.6	133529.9	113540.4	90272.5	64173.5
-12.5°	128594.0	136291.1	139650.1	141229.7	139650.1	136291.1	128594.0	114945.2	97158.6	75545.1	57679.6
-15°	104856.2	112299.3	116329.0	119304.6	116329.0	112299.3	104856.2	92401.2	76613.7	62048.9	48454.8
-17.5°	79421.4	85801.0	89772.2	93387.1	89772.2	85801.0	79421.4	69015.3	59569.8	49249.9	40230.2
-20°	56544.6	60607.4	61855.3	63803.4	61855.3	60607.4	56544.6	50091.3	44291.2	37066.3	31344.8



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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°	39714.2	42024.2	43487.4	44314.4	43487.4	42024.2	39714.2	36543.2	31883.0	27309.7	23388.5
-25°	26923.4	28525.4	29148.5	29866.7	29148.5	28525.4	26923.4	24552.3	21728.1	19658.8	17014.7
-27.5°	18034.4	18692.2	19141.6	19385.5	19141.6	18692.2	18034.4	17275.2	15543.9	14424.5	12364.7
-30°	14174.8	14776.4	15137.1	15251.7	15137.1	14776.4	14174.8	13401.4	12440.6	11173.6	9740.7
-32.5°	10974.4	11429.2	11672.2	11704.4	11672.2	11429.2	10974.4	10360.8	9568.2	8586.1	7444.7
-35°	8130.2	8544.4	8773.7	8757.6	8773.7	8544.4	8130.2	7596.7	6960.4	6201.2	5284.4
-37.5°	5602.4	5953.5	6168.9	6224.9	6168.9	5953.5	5602.4	5155.9	4636.7	3964.5	3376.2
-40°	3504.8	3762.7	3916.6	3937.1	3916.6	3762.7	3504.8	3169.0	2798.3	2344.5	2012.1
-42.5°	2011.9	2116.4	2175.0	2172.2	2175.0	2116.4	2011.9	1878.6	1726.8	1526.7	1357.9
-45°	1413.9	1437.4	1450.6	1452.7	1450.6	1437.4	1413.9	1383.2	1336.2	1279.6	1218.4
-47.5°	1263.8	1286.0	1297.8	1299.2	1297.8	1286.0	1263.8	1235.8	1196.9	1148.7	1095.5
-50°	1129.7	1155.9	1170.2	1173.2	1170.2	1155.9	1129.7	1098.0	1058.5	1009.1	954.6
-52.5°	984.0	1001.4	1007.2	1004.1	1007.2	1001.4	984.0	963.5	938.1	903.4	865.6
-55°	911.8	925.9	932.0	933.4	932.0	925.9	911.8	897.1	881.3	852.8	819.6
-57.5°	894.3	907.0	910.9	911.0	910.9	907.0	894.3	881.3	867.8	838.6	807.8
-60°	885.9	901.7	904.7	902.3	904.7	901.7	885.9	869.5	852.9	821.6	784.3
-62.5°	831.6	851.9	858.3	857.5	858.3	851.9	831.6	808.0	781.3	739.6	691.2
-65°	650.8	665.7	673.4	676.3	673.4	665.7	650.8	632.4	610.6	579.3	540.7
-67.5°	462.9	473.2	476.5	476.2	476.5	473.2	462.9	449.6	433.3	411.2	383.6
-70°	301.8	309.8	310.6	308.8	310.6	309.8	301.8	292.0	280.4	266.5	250.2
-72.5°	185.2	190.7	190.2	188.1	190.2	190.7	185.2	178.8	171.4	163.2	154.1
-75°	106.6	109.3	108.5	107.0	108.5	109.3	106.6	103.3	99.4	94.8	89.3
-77.5°	62.2	65.0	65.5	65.6	65.5	65.0	62.2	59.3	56.2	52.9	48.9
-80°	38.4	39.5	39.7	39.7	39.7	39.5	38.4	37.2	35.9	34.4	32.1
-82.5°	26.6	27.5	27.6	27.6	27.6	27.5	26.6	25.6	24.5	23.4	21.9
-85°	19.7	20.6	20.7	20.7	20.7	20.6	19.7	18.8	17.9	16.9	15.5
-87.5°	13.4	13.8	13.8	13.8	13.8	13.8	13.4	12.9	12.5	12.0	10.7
-90°	1.7	1.7	0.8	0.0	0.8	1.7	1.7	1.7	1.7	1.7	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.9	6.1	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5	6.9
87.5°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	3.9	4.4	4.8	5.2
85°	3.4	3.4	3.5	3.8	4.1	4.4	4.6	4.7	4.8	5.0	5.2
82.5°	3.5	3.5	3.5	4.0	4.4	4.8	5.2	5.2	5.2	5.2	5.2
80°	3.5	3.5	3.6	4.0	4.4	4.8	5.2	5.3	5.3	5.2	5.3
77.5°	4.1	4.3	4.4	4.5	4.7	4.9	5.3	5.7	6.0	6.1	6.1
75°	4.5	4.9	5.3	5.4	5.4	5.3	5.4	5.8	6.2	6.6	6.9
72.5°	6.0	6.4	6.5	6.6	6.4	6.5	6.8	7.1	7.2	7.1	6.9
70°	8.2	8.8	9.6	10.2	10.4	10.3	10.1	9.9	9.7	9.6	9.0
67.5°	9.9	10.6	12.2	13.9	15.0	15.5	15.3	14.4	13.6	13.2	11.7
65°	11.2	12.0	14.4	16.6	18.6	20.3	22.0	21.9	20.8	18.5	14.8
62.5°	11.1	11.9	13.7	15.8	18.6	23.1	28.4	30.3	30.1	26.2	20.6
60°	9.6	10.7	12.5	14.3	16.1	22.2	31.3	37.7	41.3	35.0	26.5
57.5°	8.3	9.2	10.8	12.7	14.9	21.7	31.4	42.9	50.1	41.0	32.3
55°	8.5	9.0	9.8	10.9	12.7	19.3	27.9	38.3	46.6	44.1	34.5
52.5°	10.3	10.3	10.3	10.2	11.8	16.2	22.4	31.9	36.9	36.2	33.2
50°	12.0	12.3	12.2	11.8	12.5	13.8	17.9	24.9	27.6	29.0	27.9
47.5°	16.8	16.6	15.4	14.7	15.1	15.1	16.4	18.4	22.3	22.7	23.0
45°	25.3	24.6	22.6	21.7	20.3	19.5	18.2	20.2	21.2	21.9	19.2
42.5°	39.5	37.0	34.4	33.1	30.3	27.6	25.4	25.9	25.6	24.5	23.8
40°	62.5	54.5	51.4	48.8	45.4	39.7	38.4	35.2	33.5	30.6	31.6
37.5°	110.6	85.0	79.7	68.8	63.9	60.6	56.4	50.6	44.1	46.8	46.4
35°	211.0	173.7	139.4	112.1	90.0	94.0	82.6	71.2	67.0	70.7	67.3
32.5°	372.2	369.5	271.0	209.6	184.0	157.2	129.5	100.7	111.2	108.7	95.8
30°	779.4	832.9	639.8	467.0	426.1	302.9	204.8	188.2	179.7	159.2	132.8
27.5°	2055.4	1835.5	1503.4	1181.4	870.1	625.1	404.3	298.8	268.5	231.7	188.8
25°	3996.7	3570.7	2833.2	2267.8	1763.6	1079.2	691.8	488.9	382.5	321.4	264.6
22.5°	6186.8	5288.0	4294.1	3446.6	2683.6	1779.4	1102.4	708.2	510.9	427.0	354.2
20°	8694.4	7130.5	5835.3	4724.3	3581.2	2435.5	1562.6	1058.8	724.0	544.9	445.7
17.5°	12877.7	9438.6	7878.5	6300.0	4737.3	3270.0	2411.7	1613.9	954.5	668.0	536.6
15°	18516.8	14161.3	11163.2	8535.9	6469.6	5014.3	3625.0	2320.8	1280.6	837.4	649.3
12.5°	28058.5	20833.2	15360.3	11798.0	9405.7	7222.6	5208.5	3367.9	1841.1	1058.8	786.7
10°	37227.6	27896.7	20847.3	16152.2	12735.5	9729.1	6824.3	4304.3	2348.8	1288.9	918.7
7.5°	46095.0	34564.1	25974.6	19855.1	15316.4	11523.3	8138.1	5166.7	2791.4	1513.8	1044.4
5°	53297.9	39411.1	29053.2	21675.4	17038.2	13089.4	9370.8	5975.7	3163.7	1726.6	1162.9
2.5°	57603.6	42357.7	31386.0	22974.7	18256.3	14171.1	10264.8	6475.3	3337.7	1840.4	1229.3
0°	59096.8	43860.6	31462.6	23024.2	18183.0	14275.1	10660.6	6635.5	3371.2	1909.9	1287.1
-2.5°	58548.5	42810.1	30900.1	22441.2	17711.7	13679.0	10169.9	6664.5	3559.8	1981.7	1331.0
-5°	55937.8	39880.2	28806.0	21092.7	16720.9	12977.4	9650.8	6524.4	3645.6	2015.3	1365.2
-7.5°	51823.6	36913.1	26256.5	19413.5	15491.2	12142.0	9097.3	6237.6	3601.4	1991.9	1370.8
-10°	46466.9	34136.0	24872.6	18915.5	14758.3	11236.3	8464.5	5835.0	3418.1	1924.6	1365.8
-12.5°	42575.6	31356.2	23192.7	18387.4	14568.9	11049.5	8093.0	5363.8	3079.6	1810.0	1350.2
-15°	37360.9	28502.7	22128.9	17680.9	14098.5	10608.1	7615.5	4781.9	2554.7	1631.5	1323.5
-17.5°	31620.6	25254.8	20219.1	15994.3	12632.1	9821.3	6830.4	4111.1	2176.7	1446.7	1254.1
-20°	25478.5	21227.5	17411.4	13779.6	10611.6	7953.5	5537.6	3208.7	1851.0	1351.7	1176.0



REPORT NUMBER: P1306266 (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°	20292.7	17090.4	13823.3	10947.2	8329.1	6026.1	3984.0	2248.9	1446.3	1247.2	1086.1
-25°	15165.8	12865.1	10254.1	8245.5	6099.7	4105.4	2594.7	1720.8	1298.4	1138.0	985.6
-27.5°	11102.5	9229.5	7558.3	5973.9	4264.2	2778.7	1796.7	1298.4	1164.6	1027.4	886.1
-30°	8352.9	7015.8	5593.3	4213.0	2934.2	1865.8	1314.7	1157.7	1046.7	926.3	800.8
-32.5°	6234.8	5102.5	3909.7	2829.6	1909.2	1382.3	1165.9	1031.3	942.0	837.4	740.9
-35°	4305.0	3414.2	2482.9	1838.4	1351.7	1186.2	1064.8	956.3	849.4	758.7	687.8
-37.5°	2695.5	2062.4	1654.8	1293.0	1186.2	1082.0	984.8	876.8	769.9	702.7	641.5
-40°	1707.3	1364.6	1262.3	1166.4	1081.2	997.7	893.9	790.5	719.0	651.9	598.5
-42.5°	1289.7	1212.7	1136.2	1063.8	984.5	890.5	800.1	732.6	669.1	611.3	565.6
-45°	1158.6	1096.3	1030.1	952.1	868.1	799.2	735.3	677.6	622.8	580.2	536.4
-47.5°	1034.9	971.0	902.9	844.3	786.5	729.8	678.1	627.0	593.3	553.5	497.9
-50°	904.9	862.5	815.0	764.9	719.3	672.2	636.4	603.7	564.6	514.4	455.5
-52.5°	826.2	791.3	751.6	706.3	673.6	646.6	615.3	571.4	525.7	466.0	402.1
-55°	780.9	750.6	722.2	691.0	654.2	614.7	573.8	524.9	466.3	406.5	348.3
-57.5°	777.1	742.8	701.6	657.7	611.1	561.3	508.7	455.1	401.0	346.6	293.0
-60°	744.7	703.2	646.8	590.2	534.0	482.0	431.9	382.2	333.3	284.5	236.9
-62.5°	643.9	598.6	545.9	492.0	441.5	395.0	349.3	303.6	261.0	220.5	182.1
-65°	501.0	460.6	418.4	377.4	336.0	294.3	255.3	223.1	193.2	161.8	129.8
-67.5°	354.7	324.8	292.3	260.5	233.9	208.2	183.0	156.8	135.4	117.1	98.5
-70°	232.7	214.2	194.4	174.2	157.3	142.1	125.9	109.8	94.5	80.6	66.2
-72.5°	144.4	134.0	122.9	111.4	99.5	88.9	78.3	67.3	56.0	44.6	36.1
-75°	83.0	75.9	68.1	60.6	52.7	44.3	39.3	35.9	32.5	29.0	25.5
-77.5°	44.9	40.9	37.3	34.6	31.7	28.7	25.5	23.3	21.8	20.4	18.9
-80°	29.9	27.5	25.3	23.4	21.5	19.6	17.8	16.9	15.9	15.2	14.5
-82.5°	20.3	18.6	17.0	15.9	14.8	13.7	12.7	12.3	11.9	11.5	11.0
-85°	14.0	12.6	11.1	10.6	10.1	9.6	9.1	9.0	8.8	8.6	8.4
-87.5°	9.3	8.0	6.7	6.7	6.7	6.6	6.6	6.6	6.7	6.8	6.9
-90°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	3.9	4.4	4.8	5.2



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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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
87.5°	5.2	5.2	5.2	5.2	5.6	6.1	6.5	6.9	6.9	6.9	6.9
85°	5.4	5.4	5.5	5.5	5.7	6.1	6.5	6.9	6.9	6.9	6.9
82.5°	5.7	6.0	6.3	6.4	6.4	6.5	6.7	6.9	7.0	6.9	6.9
80°	5.7	6.1	6.5	6.9	6.9	6.9	6.8	6.9	7.2	7.2	7.2
77.5°	6.2	6.3	6.6	6.9	6.9	6.9	6.9	7.0	7.4	7.5	7.6
75°	6.9	6.8	6.8	7.0	7.0	6.9	6.9	7.0	7.4	7.9	8.0
72.5°	6.9	6.9	6.9	7.1	7.4	7.4	7.2	7.1	7.5	7.9	8.3
70°	8.1	7.2	6.9	7.2	7.6	7.9	7.9	7.6	7.5	7.9	8.3
67.5°	10.4	9.3	8.3	7.5	7.7	8.1	8.5	8.2	8.0	8.0	8.4
65°	13.1	11.6	10.2	8.9	8.2	8.2	8.6	8.6	8.3	8.2	8.4
62.5°	16.4	13.7	12.1	10.3	9.0	8.5	8.6	8.6	8.6	8.4	8.5
60°	20.2	16.1	13.8	12.0	10.1	8.8	8.6	8.6	8.6	8.6	8.6
57.5°	24.1	18.0	15.4	13.5	11.7	9.6	8.6	8.6	8.6	8.6	8.6
55°	26.7	20.4	17.0	14.7	12.9	11.0	9.1	8.6	8.6	8.6	8.6
52.5°	26.4	21.9	18.7	15.8	13.7	12.2	10.2	8.6	8.6	8.6	8.6
50°	23.8	22.5	19.8	16.7	14.3	12.8	11.3	9.4	8.6	8.6	8.6
47.5°	22.9	22.8	20.6	17.5	14.8	13.3	11.9	10.2	8.6	8.6	8.6
45°	22.4	23.5	21.6	18.3	15.3	13.8	12.3	10.8	9.2	8.7	8.6
42.5°	23.0	24.7	23.5	19.2	16.8	14.3	12.8	11.3	9.7	8.8	8.7
40°	29.4	26.6	26.0	23.5	18.9	14.8	13.2	11.6	10.1	9.1	8.8
37.5°	37.9	32.5	28.7	31.4	22.9	17.1	13.6	12.0	10.7	9.6	9.0
35°	56.0	41.8	39.6	41.8	32.6	19.8	13.9	12.3	11.2	10.1	9.2
32.5°	78.8	62.7	59.9	54.4	44.7	22.8	15.6	13.1	11.7	10.6	9.4
30°	112.2	101.0	85.5	69.5	58.7	33.9	18.8	14.2	12.2	11.0	9.8
27.5°	163.0	143.7	117.2	92.9	73.3	47.4	22.9	15.5	12.7	11.4	10.1
25°	221.7	191.9	157.6	121.4	89.5	65.9	27.3	17.2	13.6	11.8	10.5
22.5°	293.3	243.6	200.8	152.8	114.1	86.8	37.2	20.8	14.8	12.2	10.8
20°	367.9	297.9	247.1	188.0	143.5	107.5	53.2	24.5	16.1	12.6	11.2
17.5°	445.6	367.1	302.9	229.5	173.8	129.7	70.3	28.2	17.5	12.9	11.5
15°	550.3	455.5	363.9	273.5	202.6	153.0	88.1	31.9	18.9	13.3	11.8
12.5°	660.8	547.8	428.5	319.0	230.0	177.0	106.0	35.5	20.4	14.2	12.1
10°	770.4	642.1	495.2	365.0	255.9	201.1	123.7	40.4	23.7	15.7	12.5
7.5°	877.9	736.4	562.3	410.2	283.6	232.5	152.8	48.7	27.4	17.4	12.8
5°	975.1	820.4	628.5	465.6	327.7	271.1	183.6	56.9	31.1	19.1	13.2
2.5°	1036.9	885.8	690.5	518.8	370.8	308.2	213.0	64.9	34.6	20.8	13.5
0°	1092.1	943.7	747.1	567.6	412.3	343.3	239.8	72.5	38.0	22.4	13.8
-2.5°	1127.1	977.7	778.0	606.4	455.3	381.8	272.4	93.8	50.3	28.9	16.5
-5°	1156.4	1004.3	803.9	640.9	496.2	417.5	300.3	113.8	62.0	35.1	19.1
-7.5°	1167.1	1009.6	817.3	668.3	535.0	450.1	322.9	132.1	72.9	40.8	21.4
-10°	1167.2	998.4	812.9	667.8	544.4	463.9	336.5	148.2	82.5	45.8	23.6
-12.5°	1159.0	979.5	804.6	662.8	546.1	460.1	326.7	158.8	90.7	50.0	25.3
-15°	1141.7	953.0	792.8	653.2	544.9	453.9	314.4	165.7	97.0	53.5	26.7
-17.5°	1106.7	918.9	777.7	638.8	540.8	445.5	300.5	170.4	101.7	56.4	28.2
-20°	1024.2	869.7	759.2	619.7	533.5	434.8	285.3	172.5	104.6	58.0	29.6



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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°	937.4	813.0	712.2	607.3	521.3	422.1	269.4	172.1	105.5	58.4	30.5
-25°	848.2	755.2	661.4	578.6	503.8	398.2	260.1	169.0	104.4	57.4	30.8
-27.5°	776.4	697.3	612.4	549.8	475.2	375.2	255.3	167.3	102.0	54.9	30.6
-30°	711.9	643.8	576.8	520.0	446.0	342.5	247.0	162.9	99.0	53.3	29.7
-32.5°	661.4	594.1	545.3	486.9	410.1	309.4	229.2	155.6	94.0	52.2	29.0
-35°	621.1	560.5	514.2	453.9	371.5	283.2	207.3	145.3	86.9	50.1	28.0
-37.5°	581.5	534.9	478.6	416.8	333.0	254.7	187.0	129.4	77.7	47.2	26.3
-40°	553.5	505.1	446.8	375.2	298.2	224.1	165.2	113.9	71.6	43.3	24.1
-42.5°	524.1	469.2	406.3	334.5	262.5	198.4	142.5	97.6	64.8	39.6	21.2
-45°	484.1	428.1	361.9	294.1	226.0	171.2	123.7	81.8	57.2	35.6	18.7
-47.5°	440.2	379.5	317.3	252.9	194.9	144.5	104.1	72.7	49.2	30.7	17.4
-50°	387.9	331.1	272.9	216.7	163.4	122.3	86.1	63.0	42.3	24.8	15.8
-52.5°	339.9	283.8	231.4	180.9	137.2	99.4	74.7	52.9	34.9	21.1	13.8
-55°	291.2	238.7	191.3	148.4	110.6	83.9	62.6	43.8	26.9	18.2	11.9
-57.5°	242.4	194.3	153.7	116.6	90.2	69.9	50.9	34.0	22.2	15.1	11.6
-60°	192.4	152.6	116.1	93.4	74.1	55.8	39.2	25.5	18.2	12.4	11.2
-62.5°	145.1	112.9	93.1	75.1	57.7	41.6	28.0	20.5	13.9	12.0	10.8
-65°	108.9	89.8	72.5	56.1	40.7	28.8	21.7	15.1	12.6	11.5	10.5
-67.5°	81.1	65.1	50.2	36.1	28.2	21.8	15.3	13.0	12.0	11.0	10.5
-70°	52.2	39.1	31.8	26.3	20.5	15.4	13.6	12.4	11.5	10.9	10.5
-72.5°	31.8	27.4	22.8	18.2	16.0	14.1	12.8	11.8	11.1	10.7	10.4
-75°	21.7	19.4	17.5	15.7	14.0	12.7	11.9	11.2	10.7	10.4	10.0
-77.5°	17.3	15.7	14.3	13.2	12.3	11.6	11.0	10.6	10.2	9.9	9.5
-80°	13.6	12.8	12.0	11.4	10.8	10.4	10.1	9.8	9.5	9.3	9.0
-82.5°	10.5	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4
-85°	8.4	8.5	8.7	8.9	8.7	8.6	8.5	8.3	8.2	8.1	7.9
-87.5°	7.2	7.4	7.7	7.9	7.8	7.7	7.7	7.6	7.6	7.5	7.4
-90°	5.2	5.2	5.2	5.2	5.6	6.1	6.5	6.9	6.9	6.9	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	7.0	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	7.4	7.0	6.9	6.9	6.9	6.9	6.9
75°	7.8	7.4	7.0	6.9	6.9	6.9	6.9
72.5°	8.2	7.7	7.2	6.9	6.9	6.9	6.9
70°	8.6	8.1	7.5	6.9	6.9	6.9	6.9
67.5°	8.6	8.4	7.8	7.1	6.9	6.9	6.9
65°	8.6	8.6	8.1	7.4	6.9	6.9	6.9
62.5°	8.6	8.6	8.3	7.5	6.9	6.9	6.9
60°	8.6	8.6	8.6	7.7	6.9	6.9	6.9
57.5°	8.6	8.6	8.6	7.9	7.0	6.9	6.9
55°	8.6	8.6	8.6	8.1	7.1	6.9	6.9
52.5°	8.6	8.6	8.6	8.3	7.3	6.9	6.9
50°	8.6	8.6	8.6	8.5	7.4	6.9	6.9
47.5°	8.6	8.6	8.6	8.6	7.5	6.9	6.9
45°	8.6	8.6	8.6	8.6	7.6	6.9	6.9
42.5°	8.6	8.6	8.6	8.6	7.7	6.9	6.9
40°	8.6	8.6	8.6	8.6	7.8	6.9	6.9
37.5°	8.6	8.6	8.6	8.6	7.9	6.9	6.9
35°	8.6	8.6	8.6	8.6	8.0	6.9	6.9
32.5°	8.7	8.6	8.6	8.6	8.1	6.9	6.9
30°	8.8	8.6	8.6	8.6	8.1	6.9	6.9
27.5°	9.0	8.6	8.6	8.6	8.2	6.9	6.9
25°	9.3	8.6	8.6	8.6	8.3	6.9	6.9
22.5°	9.5	8.6	8.6	8.6	8.3	6.9	6.9
20°	9.7	8.8	8.6	8.6	8.4	6.9	6.9
17.5°	9.9	8.9	8.6	8.6	8.4	6.9	6.9
15°	10.1	9.1	8.6	8.6	8.5	6.9	6.9
12.5°	10.2	9.3	8.6	8.6	8.5	6.9	6.9
10°	10.3	9.5	8.6	8.6	8.5	6.9	6.9
7.5°	10.4	9.8	8.6	8.6	8.6	6.9	6.9
5°	10.4	10.0	8.6	8.6	8.6	6.9	6.9
2.5°	10.4	10.2	8.6	8.6	8.6	6.9	6.9
0°	10.4	10.4	8.6	8.6	8.6	6.9	6.9
-2.5°	11.3	10.4	8.6	8.6	8.6	6.9	6.9
-5°	12.2	10.4	8.6	8.6	8.6	6.9	6.9
-7.5°	13.0	10.3	8.6	8.6	8.6	6.9	6.9
-10°	13.7	10.3	8.6	8.6	8.5	6.9	6.9
-12.5°	14.3	10.2	8.6	8.6	8.5	6.9	6.9
-15°	14.7	10.1	8.6	8.6	8.5	6.9	6.9
-17.5°	15.0	10.0	8.6	8.6	8.4	6.9	6.9
-20°	15.3	9.8	8.6	8.6	8.4	6.9	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.9	9.7	8.6	8.6	8.3	6.9	6.9
-25°	16.2	9.8	8.6	8.6	8.3	6.9	6.9
-27.5°	16.1	10.0	8.6	8.6	8.2	6.9	6.9
-30°	15.6	10.0	8.6	8.6	8.1	6.9	6.9
-32.5°	14.8	9.9	8.7	8.6	8.1	6.9	6.9
-35°	14.4	9.7	8.8	8.6	8.0	6.9	6.9
-37.5°	14.1	9.5	8.8	8.6	7.9	6.9	6.9
-40°	13.6	9.6	8.9	8.6	7.8	6.9	6.9
-42.5°	13.0	9.6	8.9	8.6	7.7	6.9	6.9
-45°	12.1	9.7	9.0	8.7	7.6	6.9	6.9
-47.5°	11.0	9.6	9.0	8.7	7.5	6.9	6.9
-50°	10.7	9.6	9.1	8.6	7.4	6.9	6.9
-52.5°	10.6	9.5	9.1	8.5	7.3	6.9	6.9
-55°	10.4	9.6	9.2	8.3	7.1	6.9	6.9
-57.5°	10.3	9.6	9.2	8.2	7.0	6.9	6.9
-60°	10.1	9.7	9.2	8.0	6.9	6.9	6.9
-62.5°	10.1	9.7	9.0	7.8	6.9	6.9	6.9
-65°	10.2	9.7	8.8	7.7	6.9	6.9	6.9
-67.5°	10.2	9.6	8.5	7.5	6.9	6.9	6.9
-70°	10.2	9.3	8.3	7.3	6.9	6.9	6.9
-72.5°	9.9	9.0	8.0	7.2	6.9	6.9	6.9
-75°	9.5	8.6	7.7	7.2	6.9	6.9	6.9
-77.5°	9.1	8.3	7.6	7.2	6.9	6.9	6.9
-80°	8.6	8.0	7.5	7.1	6.9	6.9	6.9
-82.5°	8.2	7.7	7.3	7.1	6.9	6.9	6.9
-85°	7.8	7.4	7.2	7.0	6.9	6.9	6.9
-87.5°	7.3	7.2	7.0	7.0	6.9	6.9	6.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9

(END OF REPORT)