

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: P1305761 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

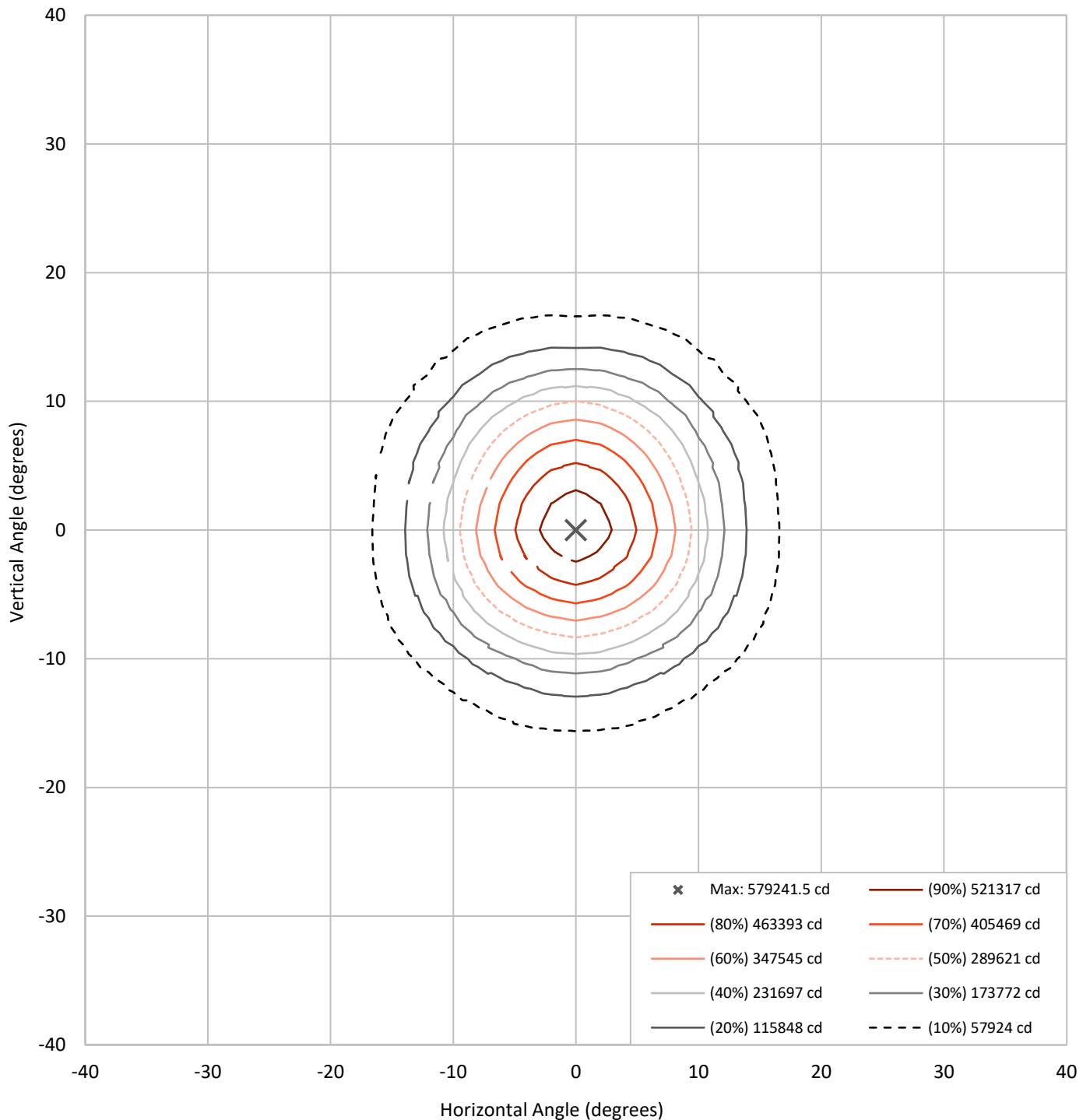
Test Method: LM-79-08
Report Number: P1305761 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680R-40-80-1S-CV1-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	69770.6 lumens	Max Intensity:	579241.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	32552.9 lumens	Field Lumens:	59124.9 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	718		
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





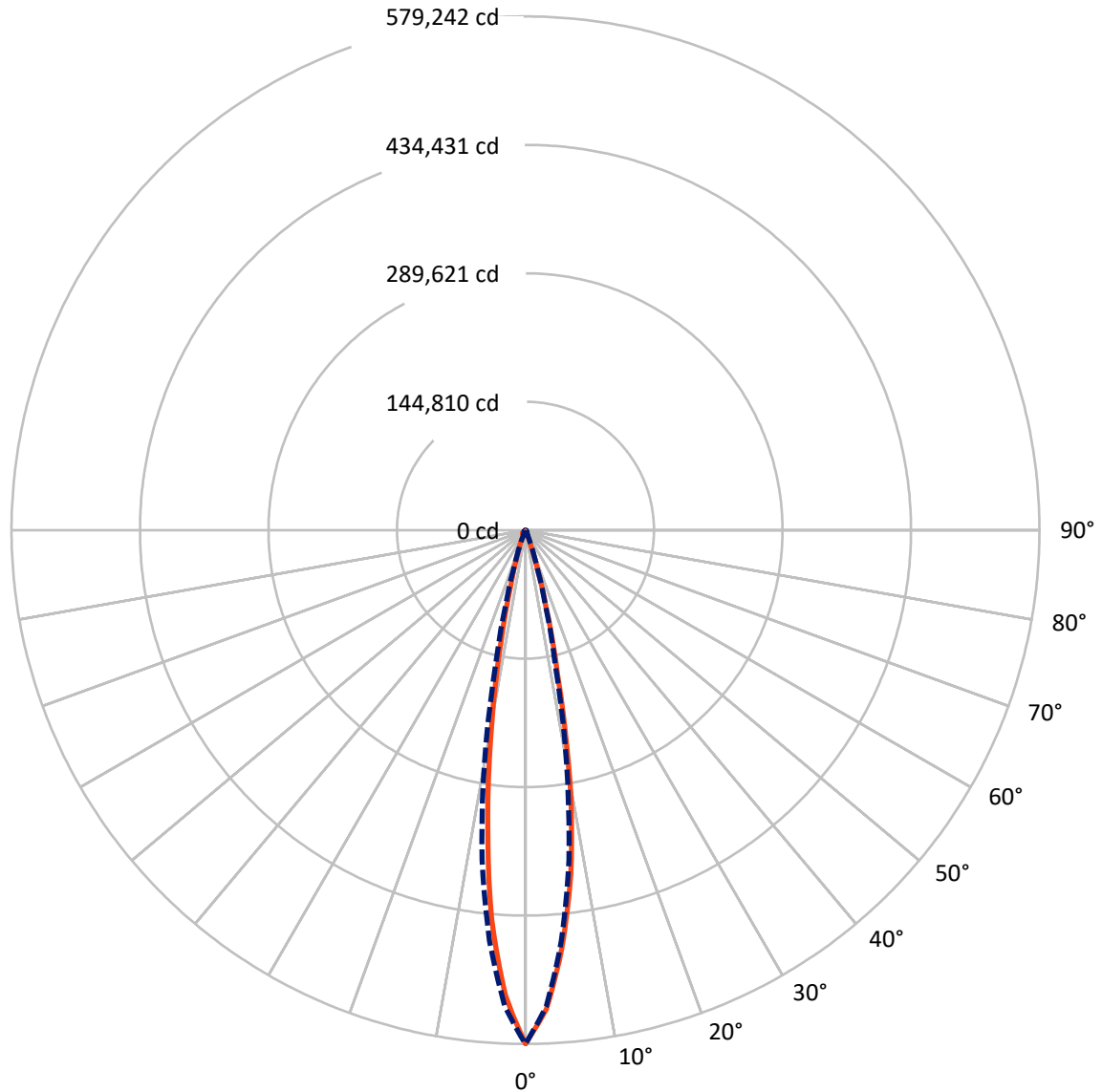
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Lumen Table

90	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1									
80	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1									
70	0.1	0.1	0.2	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.2	0.1	0.1		
60		0.1	0.3	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1			
50	0.2	0.2	0.4	0.4	0.5	0.8	1.2	0.9	0.9	1.2	0.8	0.5	0.4	0.4	0.2	0.2		
40		0.3	0.8	1.9	3.9	5.6	7.9	9.7	9.7	7.9	5.6	3.9	1.9	0.8	0.3			
30	0.2	0.5	3.8	12.1	28.5	38.7	61.9	110.5	110.5	61.9	38.7	28.5	12.1	3.8	0.5	0.2		
20		1.2	8.1	34.8	70.1	92.8	678.6	2734.6	2734.6	678.6	92.8	70.1	34.8	8.1	1.2			
10	0.3	1.9	10.4	46.9	78.0	170.5	2542.3	10979.0	10979.0	2542.3	170.5	78.0	46.9	10.4	1.9	0.3		
0		2.3	11.0	46.1	77.9	165.5	2432.1	10170.6	10170.6	2432.1	165.5	77.9	46.1	11.0	2.3			
-10	0.5	2.8	10.6	36.9	71.8	90.6	541.6	2030.6	2030.6	541.6	90.6	71.8	36.9	10.6	2.8	0.5		
-20		2.8	10.3	25.6	71.1	89.1	101.0	174.3	174.3	101.0	89.1	71.1	25.6	10.3	2.8			
-30	0.5	2.5	9.3	18.0	50.5	104.6	122.4	126.2	126.2	122.4	104.6	50.5	18.0	9.3	2.5	0.5		
-40		1.7	7.1	15.9	26.7	48.1	87.2	118.3	118.3	87.2	48.1	26.7	15.9	7.1	1.7			
-50	0.3	0.9	4.1	10.7	20.4	29.7	37.4	42.1	42.1	37.4	29.7	20.4	10.7	4.1	0.9	0.3		
-60		0.4	1.4	4.2	8.8	14.4	19.9	23.2	23.2	19.9	14.4	8.8	4.2	1.4	0.4			
-70	0.2	0.4	1.4	4.2	8.8	14.4	19.9	23.2	23.2	19.9	14.4	8.8	4.2	1.4	0.4	0.2		
-80		0.2	1.1	3.1	7.3	9.9	7.3	3.1	1.1	0.2								
-90	0.2	1.1	3.1	7.3	9.9	7.3	3.1	1.1	0.2									

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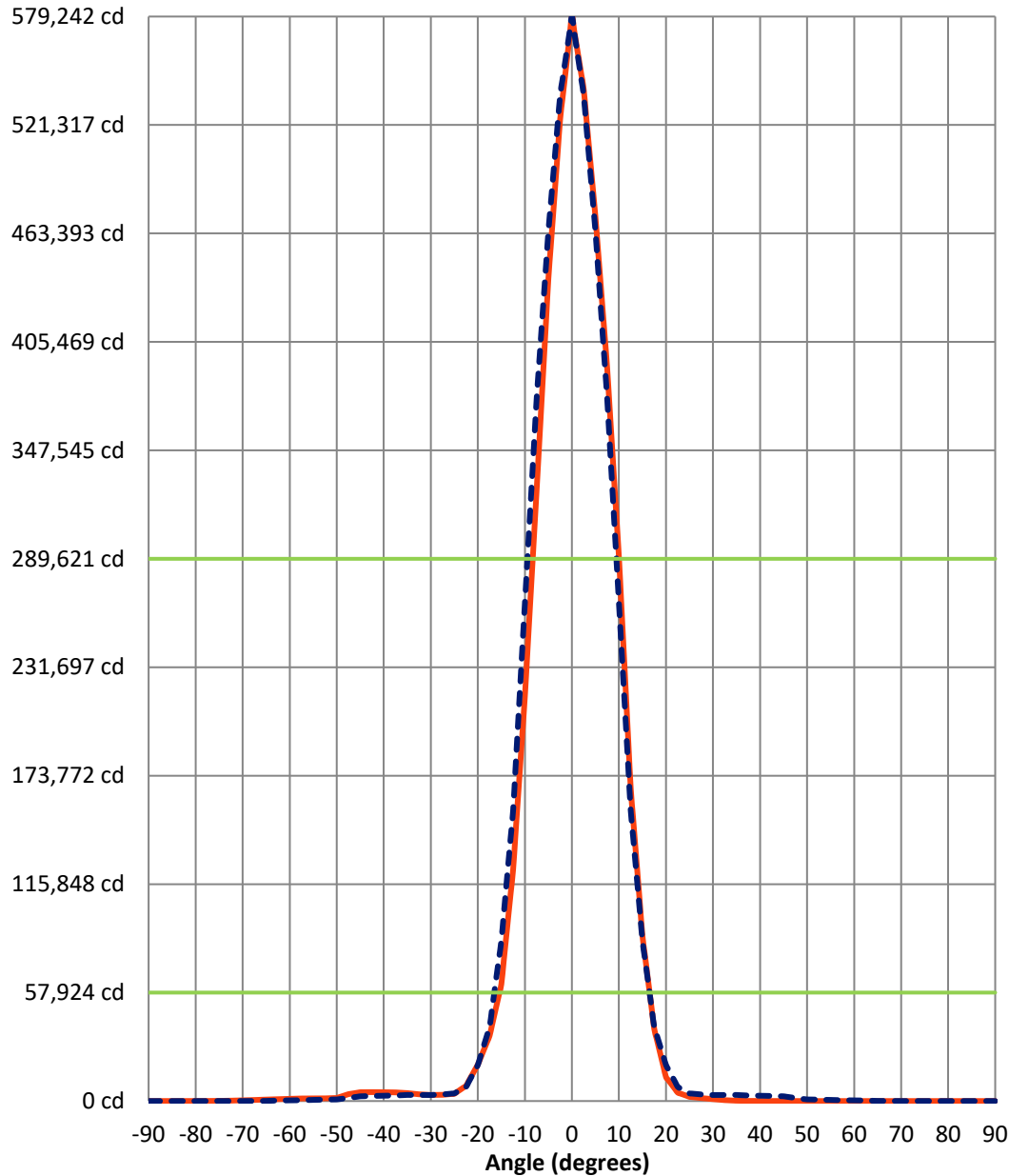
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 32552.9
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 59124.9
 Efficiency: 84.7%

Spill:
 Lumens: 10645.6
 Efficiency: 15.3%

— 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°	4.2	4.2	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8
87.5°	4.2	4.2	4.2	3.9	3.6	3.4	3.2	3.1	3.0	2.9	2.8
85°	4.2	4.3	4.2	3.9	3.7	3.6	3.5	3.4	3.3	3.1	2.8
82.5°	4.2	4.3	4.2	4.0	3.9	3.8	3.9	3.8	3.6	3.4	3.2
80°	4.2	4.3	4.2	4.0	4.0	4.1	4.2	4.2	4.0	3.9	3.8
77.5°	4.2	4.4	4.2	4.1	4.1	4.3	4.6	4.6	4.5	4.5	4.3
75°	4.2	4.4	4.2	4.1	4.2	4.6	5.0	5.0	5.0	4.6	4.3
72.5°	4.2	4.4	4.2	4.2	4.5	4.9	5.3	5.4	5.0	4.7	4.3
70°	4.2	4.5	4.3	4.2	4.7	5.2	5.6	5.4	5.1	4.7	4.8
67.5°	4.2	4.5	4.3	4.4	4.9	5.5	5.6	5.4	5.1	5.3	5.4
65°	4.2	4.5	4.3	4.6	5.2	5.7	5.7	5.5	5.6	5.8	5.9
62.5°	4.2	4.6	4.3	4.7	5.4	5.8	5.8	5.8	6.1	6.3	6.1
60°	4.2	4.6	4.4	4.9	5.6	5.9	5.9	6.2	6.6	6.6	6.4
57.5°	4.2	4.6	4.5	5.1	5.7	6.0	6.2	6.6	7.0	7.0	6.9
55°	4.2	4.7	4.7	5.2	5.9	6.2	6.5	7.0	7.4	7.5	7.6
52.5°	4.2	4.7	4.8	5.4	6.0	6.3	6.9	7.5	7.8	8.1	8.3
50°	4.2	4.8	4.9	5.5	6.2	6.6	7.2	7.9	8.3	8.6	9.5
47.5°	4.2	4.8	5.1	5.6	6.3	6.9	7.6	8.4	8.9	9.2	10.8
45°	4.2	4.8	5.2	5.8	6.5	7.2	8.0	8.9	9.4	10.3	12.0
42.5°	4.2	4.9	5.3	5.9	6.7	7.4	8.5	9.4	9.9	11.2	14.2
40°	4.2	4.9	5.4	6.1	6.9	7.7	9.0	9.9	10.5	12.1	16.4
37.5°	4.2	5.0	5.6	6.2	7.1	8.0	9.4	10.3	11.4	13.4	18.4
35°	4.2	5.0	5.7	6.4	7.3	8.3	9.9	10.7	12.3	15.4	20.0
32.5°	4.2	5.1	5.8	6.6	7.5	8.7	10.4	11.1	13.3	17.4	21.7
30°	4.2	5.1	5.9	6.8	7.6	9.1	10.7	11.6	14.2	19.2	23.8
27.5°	4.2	5.2	6.0	6.9	7.9	9.4	11.1	12.4	15.3	20.9	26.1
25°	4.2	5.2	6.1	7.1	8.1	9.8	11.4	13.1	16.8	22.7	28.7
22.5°	4.2	5.2	6.2	7.3	8.3	10.1	11.7	13.9	18.1	24.7	32.7
20°	4.2	5.3	6.4	7.4	8.5	10.4	12.0	14.6	19.4	26.8	37.0
17.5°	4.2	5.3	6.4	7.6	8.7	10.6	12.3	15.2	20.6	29.0	41.6
15°	4.2	5.4	6.5	7.7	8.9	10.8	12.5	15.9	21.7	31.2	46.4
12.5°	4.2	5.4	6.6	7.8	9.1	10.9	12.8	16.4	22.7	33.4	51.2
10°	4.2	5.5	6.7	8.0	9.2	11.0	13.1	16.9	23.6	35.4	56.0
7.5°	4.2	5.5	6.8	8.1	9.4	11.1	13.3	17.3	24.5	37.3	60.6
5°	4.2	5.5	6.9	8.2	9.5	11.2	13.6	17.6	25.3	39.1	65.0
2.5°	4.2	5.6	6.9	8.3	9.7	11.2	13.8	18.0	25.9	40.6	69.1
0°	4.2	5.6	7.0	8.4	9.8	11.2	14.0	18.2	26.5	41.9	72.6
-2.5°	4.2	5.6	7.1	8.5	10.0	11.8	15.3	21.7	34.0	55.3	93.4
-5°	4.2	5.7	7.1	8.6	10.3	12.4	16.5	25.0	41.3	68.2	113.2
-7.5°	4.2	5.7	7.2	8.6	10.5	13.0	17.7	28.1	48.0	80.1	131.5
-10°	4.2	5.7	7.2	8.7	10.7	13.5	18.8	30.9	54.0	90.9	148.0
-12.5°	4.2	5.7	7.2	8.8	10.8	13.9	19.7	33.2	59.2	100.4	161.8
-15°	4.2	5.7	7.3	8.8	11.0	14.3	20.5	35.1	64.1	108.9	173.1
-17.5°	4.2	5.7	7.3	8.8	11.1	14.6	21.1	37.3	68.9	115.8	181.9
-20°	4.2	5.7	7.3	8.9	11.2	14.9	21.8	39.4	72.5	121.0	187.9



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 CATALOG NUMBER: EPH-08-680R-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.2	5.7	7.3	8.9	11.2	15.0	22.6	40.6	74.6	124.4	190.9
-25°	4.2	5.7	7.3	8.9	11.2	15.2	22.9	40.9	75.3	125.8	190.7
-27.5°	4.2	5.7	7.3	8.9	11.2	15.3	22.9	40.1	74.4	125.7	191.7
-30°	4.2	5.7	7.3	8.9	11.1	15.2	22.4	38.2	73.1	124.5	190.1
-32.5°	4.2	5.7	7.3	8.9	11.1	15.1	21.4	37.2	70.9	121.1	185.8
-35°	4.2	5.7	7.3	8.8	11.1	14.9	20.9	36.1	67.1	115.4	178.6
-37.5°	4.2	5.6	7.3	8.8	11.0	14.7	20.6	34.2	61.7	107.4	167.3
-40°	4.2	5.6	7.2	8.8	10.8	14.5	20.1	31.6	54.6	99.1	154.1
-42.5°	4.2	5.6	7.2	8.7	10.7	14.3	19.6	28.3	49.3	88.2	138.4
-45°	4.2	5.5	7.2	8.7	10.7	14.0	18.8	25.6	44.6	75.7	120.9
-47.5°	4.2	5.5	7.1	8.7	10.6	13.7	18.0	24.6	39.0	61.8	104.9
-50°	4.2	5.4	7.1	8.6	10.5	13.2	17.4	23.3	32.2	54.0	87.1
-52.5°	4.2	5.4	7.0	8.5	10.4	12.7	16.7	21.9	28.9	45.3	68.6
-55°	4.2	5.3	7.0	8.4	10.3	12.4	16.0	20.4	26.9	35.8	57.5
-57.5°	4.2	5.3	6.9	8.3	10.1	12.2	15.1	19.3	24.8	31.6	45.6
-60°	4.2	5.2	6.8	8.1	9.9	11.9	14.3	18.2	22.7	28.9	35.9
-62.5°	4.2	5.1	6.6	7.9	9.6	11.6	13.8	17.0	21.4	26.0	32.4
-65°	4.2	5.1	6.5	7.8	9.3	11.3	13.4	16.0	19.9	24.1	28.8
-67.5°	4.2	5.0	6.3	7.6	9.0	10.8	12.9	15.3	18.5	22.4	26.4
-70°	4.2	4.9	6.1	7.3	8.6	10.2	12.3	14.6	17.4	20.7	24.5
-72.5°	4.2	4.8	5.8	7.1	8.2	9.6	11.5	13.8	16.4	19.3	22.5
-75°	4.2	4.7	5.6	6.8	7.7	9.0	10.5	12.8	15.2	17.7	20.5
-77.5°	4.2	4.7	5.4	6.5	7.4	8.3	9.5	11.7	13.9	16.1	18.4
-80°	4.2	4.6	5.2	6.1	7.0	7.8	8.5	10.5	12.6	14.6	16.7
-82.5°	4.2	4.5	4.9	5.8	6.7	7.4	8.1	9.5	11.2	13.1	15.0
-85°	4.2	4.4	4.7	5.5	6.3	7.0	7.7	8.9	10.3	11.7	13.3
-87.5°	4.2	4.3	4.4	5.2	6.0	6.7	7.4	8.3	9.4	10.4	11.6
-90°	4.2	4.2	4.2	3.9	3.5	3.2	2.8	2.8	2.8	2.8	2.8



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 CATALOG NUMBER: EPH-08-680R-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.8	9.8	9.8	9.8	10.2	10.5	10.9	11.2	11.6	11.9	12.3
87.5°	2.6	2.5	2.3	2.2	2.0	1.9	1.6	1.4	1.4	1.4	1.4
85°	2.8	2.8	2.8	2.8	2.5	2.3	2.1	2.0	1.9	1.8	1.6
82.5°	3.2	3.2	3.0	2.8	2.7	2.8	2.8	2.8	2.6	2.3	2.2
80°	3.7	3.5	3.3	3.2	3.3	3.2	3.1	2.9	2.8	2.9	3.0
77.5°	4.0	3.9	3.9	4.0	3.9	3.7	3.6	3.6	3.7	3.9	4.1
75°	4.1	4.2	4.3	4.3	4.1	4.1	4.2	4.5	4.7	4.7	4.6
72.5°	4.4	4.6	4.6	4.4	4.5	4.8	5.2	5.5	6.1	6.9	7.7
70°	5.0	5.1	5.0	5.0	5.3	5.9	7.1	8.7	10.2	12.0	14.5
67.5°	5.5	5.3	5.4	5.8	6.7	8.1	9.8	15.4	21.9	24.6	25.4
65°	5.6	5.6	6.1	7.1	8.3	12.7	18.9	26.4	33.6	34.4	33.1
62.5°	5.7	6.2	7.1	9.1	13.3	19.2	25.8	33.0	41.1	41.5	36.4
60°	6.3	6.9	9.0	13.0	17.9	23.2	30.4	36.3	43.0	46.1	35.2
57.5°	7.0	8.2	11.7	16.5	21.3	25.3	29.2	35.3	38.8	39.4	29.0
55°	8.1	10.0	14.4	19.8	23.4	22.5	25.7	29.0	30.4	28.3	20.2
52.5°	9.8	12.0	17.6	22.3	23.0	21.1	21.1	22.7	21.1	18.2	15.9
50°	11.3	15.5	20.6	23.6	22.9	20.1	17.1	16.7	16.1	15.1	13.6
47.5°	13.9	18.8	23.1	24.9	22.1	19.2	15.5	15.0	14.9	14.3	13.1
45°	16.7	21.3	25.8	24.2	21.6	18.7	17.2	15.4	15.4	15.5	16.4
42.5°	19.3	23.5	25.7	23.6	21.8	21.0	20.6	18.4	18.3	22.1	23.4
40°	21.1	25.3	25.7	25.4	23.5	25.3	25.9	26.1	27.2	31.3	33.3
37.5°	22.5	25.9	27.6	30.2	28.3	31.4	32.8	48.1	50.0	42.2	57.9
35°	23.7	27.2	34.3	41.8	44.2	39.3	59.4	80.3	87.6	82.8	100.6
32.5°	25.0	29.0	43.3	61.5	78.1	73.9	93.3	129.6	152.8	164.5	178.8
30°	27.5	37.5	57.5	86.5	129.4	155.2	156.7	195.2	237.8	313.4	381.6
27.5°	31.8	48.6	81.5	134.0	200.2	254.0	264.0	288.8	386.3	529.4	709.6
25°	36.8	75.6	109.1	198.6	296.0	356.6	374.1	416.4	585.6	913.9	1091.9
22.5°	50.5	111.6	155.8	273.8	403.5	455.8	492.5	646.2	951.7	1385.6	1519.2
20°	76.4	153.2	213.8	338.4	512.1	553.8	609.1	938.6	1428.3	1789.7	1971.3
17.5°	106.9	195.2	271.9	402.2	555.0	632.2	749.2	1273.5	1920.7	2180.2	2369.2
15°	141.0	237.2	322.2	458.3	593.0	684.4	968.6	1662.8	2337.2	2551.9	2736.9
12.5°	177.5	279.0	365.5	507.1	630.5	732.8	1168.4	1936.5	2537.4	2841.1	3079.4
10°	215.1	319.9	402.6	548.9	666.9	777.4	1355.5	2171.0	2638.6	2890.1	3153.0
7.5°	238.4	346.0	431.1	584.0	701.7	817.9	1525.0	2366.2	2708.3	2905.3	3100.2
5°	255.9	355.0	438.4	599.7	727.6	847.8	1652.7	2521.4	2752.6	2893.8	3008.0
2.5°	269.2	361.1	443.2	608.4	747.1	862.8	1664.8	2545.8	2739.1	2871.7	2950.5
0°	278.0	364.6	445.7	611.9	762.8	873.2	1640.2	2532.9	2709.0	2845.9	2938.1
-2.5°	287.8	375.2	465.8	622.7	764.2	873.6	1616.8	2507.8	2738.8	2922.7	3075.8
-5°	293.7	383.8	482.9	629.3	761.6	870.1	1564.1	2443.5	2735.1	2928.7	3116.4
-7.5°	296.4	390.3	496.2	631.2	750.8	853.4	1474.7	2289.9	2620.0	2801.2	3033.5
-10°	297.5	398.8	502.4	621.4	729.5	827.3	1355.6	2112.5	2501.1	2666.8	2911.1
-12.5°	300.3	408.8	506.3	611.6	707.9	798.4	1209.9	1918.1	2381.4	2527.2	2775.9
-15°	300.3	416.9	509.1	603.1	687.0	767.0	1038.9	1712.6	2315.9	2552.7	2757.1
-17.5°	297.8	423.0	511.3	597.2	667.7	733.4	849.8	1529.1	2274.6	2607.9	2809.5
-20°	293.0	427.3	513.1	594.8	651.5	717.8	810.3	1324.5	2064.8	2632.9	2879.1



REPORT NUMBER: P1305761 (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°	286.2	429.7	514.7	592.9	656.7	719.4	797.3	1092.7	1773.3	2629.7	2881.2
-25°	282.9	417.6	514.5	592.6	664.6	722.6	782.0	872.1	1459.9	2255.5	2804.8
-27.5°	281.7	403.8	505.6	586.8	671.8	727.7	779.1	852.2	1160.2	1807.3	2648.3
-30°	276.2	381.0	492.8	575.2	664.7	733.7	784.2	830.5	915.4	1421.2	2121.1
-32.5°	263.5	357.2	468.4	558.1	647.7	739.3	786.1	826.0	888.5	1038.2	1606.7
-35°	248.6	338.3	439.6	536.3	624.0	720.3	783.1	825.0	866.1	938.5	1196.3
-37.5°	235.2	316.5	410.3	507.8	595.8	686.2	776.4	820.7	862.1	913.8	1012.0
-40°	219.2	292.0	382.5	475.2	563.1	650.2	737.7	814.6	856.2	923.4	988.1
-42.5°	200.7	271.3	352.6	441.6	525.9	611.3	697.0	779.3	865.5	933.1	997.8
-45°	180.5	247.9	321.0	401.9	484.6	568.0	651.1	736.8	840.7	943.7	1008.5
-47.5°	157.4	221.6	291.1	358.0	437.7	519.3	600.9	690.6	793.7	901.1	1016.9
-50°	133.0	192.3	255.8	317.3	385.0	464.4	544.5	634.8	731.7	835.7	944.8
-52.5°	110.6	159.9	217.1	276.6	335.6	401.8	482.0	567.7	658.5	756.2	851.5
-55°	86.3	129.8	175.3	231.2	289.1	345.3	410.5	490.8	574.5	663.0	749.1
-57.5°	68.1	98.8	137.1	181.6	236.0	292.9	349.0	409.7	483.8	561.9	633.6
-60°	53.1	73.3	101.2	137.5	177.8	230.0	285.6	340.5	397.9	455.0	516.8
-62.5°	39.4	54.8	72.7	96.3	130.2	165.8	212.0	263.3	316.5	364.0	408.9
-65°	35.0	39.6	51.8	68.2	84.9	114.3	146.9	181.2	225.7	267.4	308.1
-67.5°	30.3	34.6	38.6	44.8	59.4	74.1	88.5	116.9	146.7	173.4	201.8
-70°	27.5	29.9	33.4	36.9	40.2	46.4	59.2	71.6	83.5	98.0	120.4
-72.5°	24.9	26.8	29.0	31.5	34.5	37.3	40.3	43.3	50.8	60.6	69.5
-75°	22.4	23.7	25.3	27.1	29.2	31.3	33.3	35.8	38.4	41.1	44.1
-77.5°	19.8	20.9	22.0	23.0	24.3	26.0	27.7	29.4	31.0	32.6	34.1
-80°	17.5	18.2	19.0	19.8	20.7	21.7	22.7	23.8	25.0	26.2	27.5
-82.5°	15.6	16.1	16.6	17.0	17.5	17.9	18.4	19.0	19.7	20.4	21.2
-85°	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.7	16.0	16.2	16.5
-87.5°	11.7	11.9	12.1	12.2	12.5	12.7	13.0	13.2	13.4	13.5	13.6
-90°	2.5	2.1	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.6	13.0	13.3	13.7	14.0	14.4	14.7	15.1	15.4	15.4	15.4
87.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.0	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	2.1	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	3.2	3.0	2.8	2.6	2.3	2.2	2.0	1.7	1.4	1.4	1.4
77.5°	4.2	3.9	3.6	3.2	2.9	2.7	2.6	2.6	2.6	2.6	2.7
75°	4.3	4.2	4.4	4.4	4.2	4.0	3.8	3.4	2.9	2.8	2.8
72.5°	8.3	8.6	8.5	8.3	7.6	7.1	6.8	6.5	6.2	6.1	6.0
70°	15.8	16.0	15.4	14.0	11.9	10.4	9.9	9.2	8.4	8.3	8.7
67.5°	24.2	22.1	20.1	17.8	15.0	13.0	12.3	11.6	10.8	10.5	10.4
65°	29.7	23.4	20.0	17.7	16.3	14.7	13.1	11.5	10.0	9.1	8.8
62.5°	29.4	20.6	16.6	14.8	13.4	12.3	10.8	9.4	8.2	7.4	7.3
60°	25.6	17.1	12.8	11.5	10.5	9.8	9.0	8.1	7.4	7.0	7.0
57.5°	20.0	13.3	9.8	9.6	9.2	8.7	8.2	7.8	7.4	7.0	7.3
55°	14.6	11.7	9.9	9.7	9.4	8.9	8.3	8.2	8.1	7.9	8.5
52.5°	12.6	11.5	11.0	10.7	10.2	9.8	9.7	9.7	9.8	10.1	10.3
50°	12.4	12.0	11.6	11.1	11.0	11.1	11.1	11.5	11.9	12.1	12.1
47.5°	12.9	12.7	13.2	12.4	12.7	13.6	13.8	14.1	15.1	15.3	15.3
45°	15.2	17.2	17.8	17.7	17.2	22.4	23.5	21.6	29.6	28.4	22.1
42.5°	23.4	25.9	27.6	32.6	40.0	44.9	58.0	79.6	71.2	53.6	34.6
40°	40.2	39.4	47.0	56.3	61.9	72.0	88.0	108.7	100.3	85.1	90.9
37.5°	70.7	71.6	74.2	86.4	90.8	79.6	103.0	101.3	85.9	109.9	112.8
35°	129.8	143.6	122.0	148.5	154.8	145.2	153.8	170.2	147.2	178.0	187.9
32.5°	233.6	257.4	258.3	264.5	286.5	307.7	313.7	357.8	372.1	409.3	449.2
30°	373.0	417.0	454.4	464.5	493.9	546.3	589.5	674.5	765.5	833.8	923.6
27.5°	672.4	632.6	715.9	817.3	785.0	861.2	1017.2	1139.8	1321.1	1451.7	1522.1
25°	1087.5	1022.9	1174.7	1329.3	1329.6	1342.5	1568.2	1765.0	1913.4	2031.1	2134.4
22.5°	1577.5	1658.1	1794.2	1973.7	1880.1	1965.5	2189.5	2349.3	2557.2	2760.9	3371.4
20°	2126.7	2289.7	2401.7	2374.9	2370.7	2515.8	2712.9	3021.3	3650.1	5866.6	7983.4
17.5°	2610.5	2808.6	2798.7	2686.0	2739.4	2982.9	3340.6	4538.0	7714.4	14913.4	21650.7
15°	2985.7	3073.9	3015.9	2948.5	3068.0	3432.5	4327.3	8199.2	17838.4	29366.8	42525.6
12.5°	3236.4	3201.7	3049.4	3060.4	3344.4	3856.6	6897.6	15959.5	29897.4	46269.4	79353.0
10°	3333.3	3238.4	3105.1	3228.4	3615.8	4848.6	9277.2	22159.1	43231.6	77269.5	121861.8
7.5°	3267.3	3186.4	3148.8	3366.8	3882.3	6421.3	14421.0	31342.3	61968.6	105862.9	168615.7
5°	3224.6	3170.6	3178.7	3457.6	4050.8	7577.8	18056.4	37119.4	76866.2	133514.5	213349.5
2.5°	3222.1	3190.0	3204.2	3520.7	4145.8	8169.7	20104.3	38081.5	82099.2	148555.3	249952.3
0°	3256.6	3235.7	3223.1	3533.2	4100.5	7590.4	19288.3	39627.1	85689.3	155341.3	265854.1
-2.5°	3417.5	3246.0	3238.8	3532.5	4150.6	8021.2	19766.0	39093.3	84393.5	149069.5	248795.7
-5°	3379.0	3185.1	3154.1	3400.7	3977.7	7223.2	17304.4	36103.7	74130.9	126754.5	205066.0
-7.5°	3226.3	3096.8	3041.7	3238.0	3739.7	6062.7	13419.8	28504.3	55821.9	95542.9	147771.5
-10°	3102.2	3016.6	2935.3	3071.2	3452.6	4633.2	8554.9	19122.7	37970.6	64971.1	94881.5
-12.5°	3036.9	2996.4	2849.9	2887.8	3154.3	3678.0	5986.0	12925.6	23779.2	35280.1	57632.5
-15°	2990.7	2960.1	2822.7	2813.7	2962.5	3272.0	3943.4	6704.6	13297.5	21577.1	30449.5
-17.5°	2948.9	2937.7	2865.0	2786.0	2804.6	2984.0	3353.6	4334.1	6800.4	12063.2	17797.9
-20°	2969.0	2975.6	2920.0	2837.5	2808.1	2831.3	3023.4	3361.2	3985.9	6113.6	8711.6



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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°	2962.7	2981.7	2966.8	2972.6	2937.3	2883.3	2845.2	2992.7	3229.2	3607.4	4568.4
-25°	2962.1	2988.2	3099.1	3241.2	3226.4	3097.5	2962.6	2845.7	2981.0	3144.4	3382.9
-27.5°	2918.3	3087.9	3364.0	3573.5	3633.6	3492.3	3303.6	3107.1	3085.6	3080.5	3172.1
-30°	2903.9	3268.2	3594.1	3892.6	3934.7	3863.5	3776.1	3636.1	3485.9	3402.7	3358.4
-32.5°	2465.6	3347.8	3746.3	4014.8	4081.3	4078.2	4097.9	4031.4	3984.6	3930.8	3854.9
-35°	1871.9	2797.7	3773.1	3897.0	4005.2	4101.7	4230.8	4263.8	4289.8	4319.6	4346.1
-37.5°	1307.2	2028.9	2839.3	3546.4	3771.1	3938.9	4167.6	4335.5	4475.1	4544.3	4627.4
-40°	1082.9	1282.3	1910.2	2507.9	3096.7	3639.8	3886.2	4172.1	4439.4	4588.0	4723.9
-42.5°	1060.6	1131.6	1207.0	1623.9	2122.3	2634.9	3138.5	3595.1	4081.5	4405.8	4644.5
-45°	1067.8	1103.6	1147.6	1220.8	1298.9	1690.2	2112.1	2542.9	3074.4	3593.8	4047.1
-47.5°	1066.9	1099.6	1134.5	1169.9	1216.4	1289.4	1364.4	1486.3	1863.3	2261.8	2647.5
-50°	1029.9	1096.4	1128.9	1162.1	1195.9	1232.0	1269.8	1323.3	1387.1	1446.9	1495.3
-52.5°	936.6	1015.0	1090.3	1153.4	1184.5	1216.2	1249.8	1294.4	1336.2	1375.5	1395.9
-55°	831.1	909.2	985.4	1053.2	1117.2	1178.8	1236.0	1276.8	1318.6	1361.1	1378.5
-57.5°	709.9	788.6	864.3	927.5	991.4	1055.2	1114.5	1171.3	1228.1	1281.8	1311.8
-60°	580.8	646.6	714.4	779.2	841.2	900.2	955.4	1009.3	1060.9	1106.0	1134.4
-62.5°	454.1	505.9	563.1	619.3	673.8	726.5	777.3	825.8	871.6	910.1	936.9
-65°	347.6	386.3	425.7	466.2	507.6	552.9	595.6	636.1	673.9	705.2	728.6
-67.5°	236.1	269.6	301.4	331.5	361.8	393.8	426.3	456.8	485.2	508.3	526.4
-70°	141.9	162.8	183.0	204.7	229.1	252.4	275.3	296.9	317.1	332.9	344.8
-72.5°	77.4	84.9	94.9	111.5	126.9	141.1	154.1	165.9	176.5	185.2	192.4
-75°	47.1	50.9	57.0	62.9	68.6	74.0	79.2	83.9	88.3	91.9	94.9
-77.5°	36.0	38.1	40.0	41.9	43.6	45.5	47.3	49.0	50.6	52.0	53.3
-80°	28.7	29.9	31.0	32.1	33.1	34.2	35.4	36.6	37.7	38.5	39.2
-82.5°	22.0	23.1	24.1	25.0	25.9	26.6	27.2	27.8	28.4	29.0	29.6
-85°	16.7	17.4	18.3	19.1	19.9	20.2	20.4	20.6	20.7	21.1	21.6
-87.5°	13.7	14.1	14.5	14.9	15.3	15.6	16.0	16.4	16.8	17.1	17.5
-90°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305761 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.1
87.5°	0.3	0.0	0.7	1.4	0.7	0.0	0.3	0.7	1.0	1.4	1.3
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
77.5°	2.7	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.6
75°	2.8	2.8	3.5	4.2	3.5	2.8	2.8	2.8	2.8	2.9	3.4
72.5°	5.8	5.6	5.6	5.6	5.6	5.6	5.8	6.0	6.1	6.2	6.5
70°	9.1	9.6	9.8	9.8	9.8	9.6	9.1	8.7	8.3	8.4	9.2
67.5°	10.2	9.9	8.5	7.0	8.5	9.9	10.2	10.4	10.5	10.8	11.6
65°	8.6	8.5	7.8	7.0	7.8	8.5	8.6	8.8	9.1	10.0	11.5
62.5°	7.1	7.1	7.0	7.0	7.0	7.1	7.1	7.3	7.4	8.2	9.4
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.4	8.1
57.5°	7.8	8.2	8.4	8.4	8.4	8.2	7.8	7.3	7.0	7.4	7.8
55°	9.0	9.6	9.8	9.8	9.8	9.6	9.0	8.5	7.9	8.1	8.2
52.5°	10.2	10.0	10.3	11.2	10.3	10.0	10.2	10.3	10.1	9.8	9.7
50°	12.2	12.4	12.6	12.6	12.6	12.4	12.2	12.1	12.1	11.9	11.5
47.5°	15.5	15.4	15.3	15.4	15.3	15.4	15.5	15.3	15.3	15.1	14.1
45°	22.9	23.3	24.0	25.1	24.0	23.3	22.9	22.1	28.4	29.6	21.6
42.5°	36.2	37.0	37.4	37.7	37.4	37.0	36.2	34.6	53.6	71.2	79.6
40°	86.2	68.6	51.3	51.7	51.3	68.6	86.2	90.9	85.1	100.3	108.7
37.5°	99.1	90.1	86.5	85.2	86.5	90.1	99.1	112.8	109.9	85.9	101.3
35°	187.6	190.9	186.6	188.6	186.6	190.9	187.6	187.9	178.0	147.2	170.2
32.5°	462.0	480.8	474.1	476.4	474.1	480.8	462.0	449.2	409.3	372.1	357.8
30°	959.9	1017.5	1030.6	1026.9	1030.6	1017.5	959.9	923.6	833.8	765.5	674.5
27.5°	1550.5	1596.2	1605.6	1596.9	1605.6	1596.2	1550.5	1522.1	1451.7	1321.1	1139.8
25°	2191.5	2235.0	2259.7	2247.9	2259.7	2235.0	2191.5	2134.4	2031.1	1913.4	1765.0
22.5°	4078.2	4276.2	4372.7	4504.2	4372.7	4276.2	4078.2	3371.4	2760.9	2557.2	2349.3
20°	12027.4	13394.6	13135.5	12853.3	13135.5	13394.6	12027.4	7983.4	5866.6	3650.1	3021.3
17.5°	30021.9	36744.3	39945.2	38642.2	39945.2	36744.3	30021.9	21650.7	14913.4	7714.4	4538.0
15°	61403.5	80185.9	91167.8	88236.2	91167.8	80185.9	61403.5	42525.6	29366.8	17838.4	8199.2
12.5°	111232.8	141083.7	163952.3	167225.7	163952.3	141083.7	111232.8	79353.0	46269.4	29897.4	15959.5
10°	174931.2	230092.7	275551.7	290394.0	275551.7	230092.7	174931.2	121861.8	77269.5	43231.6	22159.1
7.5°	250856.4	324493.4	376920.3	391492.6	376920.3	324493.4	250856.4	168615.7	105862.9	61968.6	31342.3
5°	311749.7	396495.9	454552.5	472384.9	454552.5	396495.9	311749.7	213349.5	133514.5	76866.2	37119.4
2.5°	357360.3	446251.2	510990.7	540572.1	510990.7	446251.2	357360.3	249952.3	148555.3	82099.2	38081.5
0°	375029.2	464605.9	537201.6	579241.5	537201.6	464605.9	375029.2	265854.1	155341.3	85689.3	39627.1
-2.5°	357745.1	441026.3	496929.8	524497.1	496929.8	441026.3	357745.1	248795.7	149069.5	84393.5	39093.3
-5°	297834.3	371527.1	419736.3	439198.4	419736.3	371527.1	297834.3	205066.0	126754.5	74130.9	36103.7
-7.5°	213405.5	273898.5	309833.0	326231.5	309833.0	273898.5	213405.5	147771.5	95542.9	55821.9	28504.3
-10°	138647.4	172131.1	208362.9	216117.6	208362.9	172131.1	138647.4	94881.5	64971.1	37970.6	19122.7
-12.5°	78110.6	99239.3	117246.5	123745.3	117246.5	99239.3	78110.6	57632.5	35280.1	23779.2	12925.6
-15°	42260.4	54298.6	60785.0	62380.2	60785.0	54298.6	42260.4	30449.5	21577.1	13297.5	6704.6
-17.5°	24263.1	30045.9	33355.0	34874.2	33355.0	30045.9	24263.1	17797.9	12063.2	6800.4	4334.1
-20°	12965.6	16228.6	18091.6	19462.9	18091.6	16228.6	12965.6	8711.6	6113.6	3985.9	3361.2



REPORT NUMBER: P1305761 (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°	5955.3	6961.0	7529.3	8171.6	7529.3	6961.0	5955.3	4568.4	3607.4	3229.2	2992.7
-25°	3590.0	3725.3	3806.9	3872.7	3806.9	3725.3	3590.0	3382.9	3144.4	2981.0	2845.7
-27.5°	3250.9	3295.2	3320.8	3347.4	3320.8	3295.2	3250.9	3172.1	3080.5	3085.6	3107.1
-30°	3320.2	3275.3	3259.7	3242.7	3259.7	3275.3	3320.2	3358.4	3402.7	3485.9	3636.1
-32.5°	3778.5	3691.2	3644.4	3600.3	3644.4	3691.2	3778.5	3854.9	3930.8	3984.6	4031.4
-35°	4335.8	4296.6	4275.9	4250.0	4275.9	4296.6	4335.8	4346.1	4319.6	4289.8	4263.8
-37.5°	4641.3	4634.5	4633.3	4620.2	4633.3	4634.5	4641.3	4627.4	4544.3	4475.1	4335.5
-40°	4739.7	4736.9	4730.2	4723.6	4730.2	4736.9	4739.7	4723.9	4588.0	4439.4	4172.1
-42.5°	4708.0	4750.2	4770.4	4771.1	4770.4	4750.2	4708.0	4644.5	4405.8	4081.5	3595.1
-45°	4336.0	4550.9	4675.9	4709.6	4675.9	4550.9	4336.0	4047.1	3593.8	3074.4	2542.9
-47.5°	2990.9	3294.0	3527.5	3674.4	3527.5	3294.0	2990.9	2647.5	2261.8	1863.3	1486.3
-50°	1537.5	1576.9	1616.7	1655.6	1616.7	1576.9	1537.5	1495.3	1446.9	1387.1	1323.3
-52.5°	1412.2	1428.6	1438.9	1444.6	1438.9	1428.6	1412.2	1395.9	1375.5	1336.2	1294.4
-55°	1394.4	1409.6	1417.1	1419.4	1417.1	1409.6	1394.4	1378.5	1361.1	1318.6	1276.8
-57.5°	1337.6	1359.0	1371.7	1377.5	1371.7	1359.0	1337.6	1311.8	1281.8	1228.1	1171.3
-60°	1158.1	1177.1	1189.9	1197.3	1189.9	1177.1	1158.1	1134.4	1106.0	1060.9	1009.3
-62.5°	959.2	976.7	986.6	990.5	986.6	976.7	959.2	936.9	910.1	871.6	825.8
-65°	747.9	763.2	778.6	790.8	778.6	763.2	747.9	728.6	705.2	673.9	636.1
-67.5°	541.7	554.0	567.5	578.4	567.5	554.0	541.7	526.4	508.3	485.2	456.8
-70°	354.1	360.9	371.9	381.4	371.9	360.9	354.1	344.8	332.9	317.1	296.9
-72.5°	198.1	202.5	210.6	217.9	210.6	202.5	198.1	192.4	185.2	176.5	165.9
-75°	97.5	99.5	100.3	100.6	100.3	99.5	97.5	94.9	91.9	88.3	83.9
-77.5°	54.5	55.6	55.8	55.9	55.8	55.6	54.5	53.3	52.0	50.6	49.0
-80°	39.8	40.3	41.1	41.9	41.1	40.3	39.8	39.2	38.5	37.7	36.6
-82.5°	30.1	30.6	30.7	30.7	30.7	30.6	30.1	29.6	29.0	28.4	27.8
-85°	22.0	22.4	22.4	22.4	22.4	22.4	22.0	21.6	21.1	20.7	20.6
-87.5°	17.8	18.2	18.2	18.2	18.2	18.2	17.8	17.5	17.1	16.8	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.7	14.4	14.0	13.7	13.3	13.0	12.6	12.3	11.9	11.6	11.2
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.8	1.9	2.0
82.5°	1.4	1.4	1.4	1.6	1.8	2.0	2.1	2.2	2.3	2.6	2.8
80°	2.0	2.2	2.3	2.6	2.8	3.0	3.2	3.0	2.9	2.8	2.9
77.5°	2.6	2.7	2.9	3.2	3.6	3.9	4.2	4.1	3.9	3.7	3.6
75°	3.8	4.0	4.2	4.4	4.4	4.2	4.3	4.6	4.7	4.7	4.5
72.5°	6.8	7.1	7.6	8.3	8.5	8.6	8.3	7.7	6.9	6.1	5.5
70°	9.9	10.4	11.9	14.0	15.4	16.0	15.8	14.5	12.0	10.2	8.7
67.5°	12.3	13.0	15.0	17.8	20.1	22.1	24.2	25.4	24.6	21.9	15.4
65°	13.1	14.7	16.3	17.7	20.0	23.4	29.7	33.1	34.4	33.6	26.4
62.5°	10.8	12.3	13.4	14.8	16.6	20.6	29.4	36.4	41.5	41.1	33.0
60°	9.0	9.8	10.5	11.5	12.8	17.1	25.6	35.2	46.1	43.0	36.3
57.5°	8.2	8.7	9.2	9.6	9.8	13.3	20.0	29.0	39.4	38.8	35.3
55°	8.3	8.9	9.4	9.7	9.9	11.7	14.6	20.2	28.3	30.4	29.0
52.5°	9.7	9.8	10.2	10.7	11.0	11.5	12.6	15.9	18.2	21.1	22.7
50°	11.1	11.1	11.0	11.1	11.6	12.0	12.4	13.6	15.1	16.1	16.7
47.5°	13.8	13.6	12.7	12.4	13.2	12.7	12.9	13.1	14.3	14.9	15.0
45°	23.5	22.4	17.2	17.7	17.8	17.2	15.2	16.4	15.5	15.4	15.4
42.5°	58.0	44.9	40.0	32.6	27.6	25.9	23.4	23.4	22.1	18.3	18.4
40°	88.0	72.0	61.9	56.3	47.0	39.4	40.2	33.3	31.3	27.2	26.1
37.5°	103.0	79.6	90.8	86.4	74.2	71.6	70.7	57.9	42.2	50.0	48.1
35°	153.8	145.2	154.8	148.5	122.0	143.6	129.8	100.6	82.8	87.6	80.3
32.5°	313.7	307.7	286.5	264.5	258.3	257.4	233.6	178.8	164.5	152.8	129.6
30°	589.5	546.3	493.9	464.5	454.4	417.0	373.0	381.6	313.4	237.8	195.2
27.5°	1017.2	861.2	785.0	817.3	715.9	632.6	672.4	709.6	529.4	386.3	288.8
25°	1568.2	1342.5	1329.6	1329.3	1174.7	1022.9	1087.5	1091.9	913.9	585.6	416.4
22.5°	2189.5	1965.5	1880.1	1973.7	1794.2	1658.1	1577.5	1519.2	1385.6	951.7	646.2
20°	2712.9	2515.8	2370.7	2374.9	2401.7	2289.7	2126.7	1971.3	1789.7	1428.3	938.6
17.5°	3340.6	2982.9	2739.4	2686.0	2798.7	2808.6	2610.5	2369.2	2180.2	1920.7	1273.5
15°	4327.3	3432.5	3068.0	2948.5	3015.9	3073.9	2985.7	2736.9	2551.9	2337.2	1662.8
12.5°	6897.6	3856.6	3344.4	3060.4	3049.4	3201.7	3236.4	3079.4	2841.1	2537.4	1936.5
10°	9277.2	4848.6	3615.8	3228.4	3105.1	3238.4	3333.3	3153.0	2890.1	2638.6	2171.0
7.5°	14421.0	6421.3	3882.3	3366.8	3148.8	3186.4	3267.3	3100.2	2905.3	2708.3	2366.2
5°	18056.4	7577.8	4050.8	3457.6	3178.7	3170.6	3224.6	3008.0	2893.8	2752.6	2521.4
2.5°	20104.3	8169.7	4145.8	3520.7	3204.2	3190.0	3222.1	2950.5	2871.7	2739.1	2545.8
0°	19288.3	7590.4	4100.5	3533.2	3223.1	3235.7	3256.6	2938.1	2845.9	2709.0	2532.9
-2.5°	19766.0	8021.2	4150.6	3532.5	3238.8	3246.0	3417.5	3075.8	2922.7	2738.8	2507.8
-5°	17304.4	7223.2	3977.7	3400.7	3154.1	3185.1	3379.0	3116.4	2928.7	2735.1	2443.5
-7.5°	13419.8	6062.7	3739.7	3238.0	3041.7	3096.8	3226.3	3033.5	2801.2	2620.0	2289.9
-10°	8554.9	4633.2	3452.6	3071.2	2935.3	3016.6	3102.2	2911.1	2666.8	2501.1	2112.5
-12.5°	5986.0	3678.0	3154.3	2887.8	2849.9	2996.4	3036.9	2775.9	2527.2	2381.4	1918.1
-15°	3943.4	3272.0	2962.5	2813.7	2822.7	2960.1	2990.7	2757.1	2552.7	2315.9	1712.6
-17.5°	3353.6	2984.0	2804.6	2786.0	2865.0	2937.7	2948.9	2809.5	2607.9	2274.6	1529.1
-20°	3023.4	2831.3	2808.1	2837.5	2920.0	2975.6	2969.0	2879.1	2632.9	2064.8	1324.5



REPORT NUMBER: P1305761 (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°	2845.2	2883.3	2937.3	2972.6	2966.8	2981.7	2962.7	2881.2	2629.7	1773.3	1092.7
-25°	2962.6	3097.5	3226.4	3241.2	3099.1	2988.2	2962.1	2804.8	2255.5	1459.9	872.1
-27.5°	3303.6	3492.3	3633.6	3573.5	3364.0	3087.9	2918.3	2648.3	1807.3	1160.2	852.2
-30°	3776.1	3863.5	3934.7	3892.6	3594.1	3268.2	2903.9	2121.1	1421.2	915.4	830.5
-32.5°	4097.9	4078.2	4081.3	4014.8	3746.3	3347.8	2465.6	1606.7	1038.2	888.5	826.0
-35°	4230.8	4101.7	4005.2	3897.0	3773.1	2797.7	1871.9	1196.3	938.5	866.1	825.0
-37.5°	4167.6	3938.9	3771.1	3546.4	2839.3	2028.9	1307.2	1012.0	913.8	862.1	820.7
-40°	3886.2	3639.8	3096.7	2507.9	1910.2	1282.3	1082.9	988.1	923.4	856.2	814.6
-42.5°	3138.5	2634.9	2122.3	1623.9	1207.0	1131.6	1060.6	997.8	933.1	865.5	779.3
-45°	2112.1	1690.2	1298.9	1220.8	1147.6	1103.6	1067.8	1008.5	943.7	840.7	736.8
-47.5°	1364.4	1289.4	1216.4	1169.9	1134.5	1099.6	1066.9	1016.9	901.1	793.7	690.6
-50°	1269.8	1232.0	1195.9	1162.1	1128.9	1096.4	1029.9	944.8	835.7	731.7	634.8
-52.5°	1249.8	1216.2	1184.5	1153.4	1090.3	1015.0	936.6	851.5	756.2	658.5	567.7
-55°	1236.0	1178.8	1117.2	1053.2	985.4	909.2	831.1	749.1	663.0	574.5	490.8
-57.5°	1114.5	1055.2	991.4	927.5	864.3	788.6	709.9	633.6	561.9	483.8	409.7
-60°	955.4	900.2	841.2	779.2	714.4	646.6	580.8	516.8	455.0	397.9	340.5
-62.5°	777.3	726.5	673.8	619.3	563.1	505.9	454.1	408.9	364.0	316.5	263.3
-65°	595.6	552.9	507.6	466.2	425.7	386.3	347.6	308.1	267.4	225.7	181.2
-67.5°	426.3	393.8	361.8	331.5	301.4	269.6	236.1	201.8	173.4	146.7	116.9
-70°	275.3	252.4	229.1	204.7	183.0	162.8	141.9	120.4	98.0	83.5	71.6
-72.5°	154.1	141.1	126.9	111.5	94.9	84.9	77.4	69.5	60.6	50.8	43.3
-75°	79.2	74.0	68.6	62.9	57.0	50.9	47.1	44.1	41.1	38.4	35.8
-77.5°	47.3	45.5	43.6	41.9	40.0	38.1	36.0	34.1	32.6	31.0	29.4
-80°	35.4	34.2	33.1	32.1	31.0	29.9	28.7	27.5	26.2	25.0	23.8
-82.5°	27.2	26.6	25.9	25.0	24.1	23.1	22.0	21.2	20.4	19.7	19.0
-85°	20.4	20.2	19.9	19.1	18.3	17.4	16.7	16.5	16.2	16.0	15.7
-87.5°	16.0	15.6	15.3	14.9	14.5	14.1	13.7	13.6	13.5	13.4	13.2
-90°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4



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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°	10.9	10.5	10.2	9.8	9.8	9.8	9.8	9.8	9.1	8.4	7.7
87.5°	1.6	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0	3.1
85°	2.1	2.3	2.5	2.8	2.8	2.8	2.8	2.8	3.1	3.3	3.4
82.5°	2.8	2.8	2.7	2.8	3.0	3.2	3.2	3.2	3.4	3.6	3.8
80°	3.1	3.2	3.3	3.2	3.3	3.5	3.7	3.8	3.9	4.0	4.2
77.5°	3.6	3.7	3.9	4.0	3.9	3.9	4.0	4.3	4.5	4.5	4.6
75°	4.2	4.1	4.1	4.3	4.3	4.2	4.1	4.3	4.6	5.0	5.0
72.5°	5.2	4.8	4.5	4.4	4.6	4.6	4.4	4.3	4.7	5.0	5.4
70°	7.1	5.9	5.3	5.0	5.0	5.1	5.0	4.8	4.7	5.1	5.4
67.5°	9.8	8.1	6.7	5.8	5.4	5.3	5.5	5.4	5.3	5.1	5.4
65°	18.9	12.7	8.3	7.1	6.1	5.6	5.6	5.9	5.8	5.6	5.5
62.5°	25.8	19.2	13.3	9.1	7.1	6.2	5.7	6.1	6.3	6.1	5.8
60°	30.4	23.2	17.9	13.0	9.0	6.9	6.3	6.4	6.6	6.6	6.2
57.5°	29.2	25.3	21.3	16.5	11.7	8.2	7.0	6.9	7.0	7.0	6.6
55°	25.7	22.5	23.4	19.8	14.4	10.0	8.1	7.6	7.5	7.4	7.0
52.5°	21.1	21.1	23.0	22.3	17.6	12.0	9.8	8.3	8.1	7.8	7.5
50°	17.1	20.1	22.9	23.6	20.6	15.5	11.3	9.5	8.6	8.3	7.9
47.5°	15.5	19.2	22.1	24.9	23.1	18.8	13.9	10.8	9.2	8.9	8.4
45°	17.2	18.7	21.6	24.2	25.8	21.3	16.7	12.0	10.3	9.4	8.9
42.5°	20.6	21.0	21.8	23.6	25.7	23.5	19.3	14.2	11.2	9.9	9.4
40°	25.9	25.3	23.5	25.4	25.7	25.3	21.1	16.4	12.1	10.5	9.9
37.5°	32.8	31.4	28.3	30.2	27.6	25.9	22.5	18.4	13.4	11.4	10.3
35°	59.4	39.3	44.2	41.8	34.3	27.2	23.7	20.0	15.4	12.3	10.7
32.5°	93.3	73.9	78.1	61.5	43.3	29.0	25.0	21.7	17.4	13.3	11.1
30°	156.7	155.2	129.4	86.5	57.5	37.5	27.5	23.8	19.2	14.2	11.6
27.5°	264.0	254.0	200.2	134.0	81.5	48.6	31.8	26.1	20.9	15.3	12.4
25°	374.1	356.6	296.0	198.6	109.1	75.6	36.8	28.7	22.7	16.8	13.1
22.5°	492.5	455.8	403.5	273.8	155.8	111.6	50.5	32.7	24.7	18.1	13.9
20°	609.1	553.8	512.1	338.4	213.8	153.2	76.4	37.0	26.8	19.4	14.6
17.5°	749.2	632.2	555.0	402.2	271.9	195.2	106.9	41.6	29.0	20.6	15.2
15°	968.6	684.4	593.0	458.3	322.2	237.2	141.0	46.4	31.2	21.7	15.9
12.5°	1168.4	732.8	630.5	507.1	365.5	279.0	177.5	51.2	33.4	22.7	16.4
10°	1355.5	777.4	666.9	548.9	402.6	319.9	215.1	56.0	35.4	23.6	16.9
7.5°	1525.0	817.9	701.7	584.0	431.1	346.0	238.4	60.6	37.3	24.5	17.3
5°	1652.7	847.8	727.6	599.7	438.4	355.0	255.9	65.0	39.1	25.3	17.6
2.5°	1664.8	862.8	747.1	608.4	443.2	361.1	269.2	69.1	40.6	25.9	18.0
0°	1640.2	873.2	762.8	611.9	445.7	364.6	278.0	72.6	41.9	26.5	18.2
-2.5°	1616.8	873.6	764.2	622.7	465.8	375.2	287.8	93.4	55.3	34.0	21.7
-5°	1564.1	870.1	761.6	629.3	482.9	383.8	293.7	113.2	68.2	41.3	25.0
-7.5°	1474.7	853.4	750.8	631.2	496.2	390.3	296.4	131.5	80.1	48.0	28.1
-10°	1355.6	827.3	729.5	621.4	502.4	398.8	297.5	148.0	90.9	54.0	30.9
-12.5°	1209.9	798.4	707.9	611.6	506.3	408.8	300.3	161.8	100.4	59.2	33.2
-15°	1038.9	767.0	687.0	603.1	509.1	416.9	300.3	173.1	108.9	64.1	35.1
-17.5°	849.8	733.4	667.7	597.2	511.3	423.0	297.8	181.9	115.8	68.9	37.3
-20°	810.3	717.8	651.5	594.8	513.1	427.3	293.0	187.9	121.0	72.5	39.4



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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°	797.3	719.4	656.7	592.9	514.7	429.7	286.2	190.9	124.4	74.6	40.6
-25°	782.0	722.6	664.6	592.6	514.5	417.6	282.9	190.7	125.8	75.3	40.9
-27.5°	779.1	727.7	671.8	586.8	505.6	403.8	281.7	191.7	125.7	74.4	40.1
-30°	784.2	733.7	664.7	575.2	492.8	381.0	276.2	190.1	124.5	73.1	38.2
-32.5°	786.1	739.3	647.7	558.1	468.4	357.2	263.5	185.8	121.1	70.9	37.2
-35°	783.1	720.3	624.0	536.3	439.6	338.3	248.6	178.6	115.4	67.1	36.1
-37.5°	776.4	686.2	595.8	507.8	410.3	316.5	235.2	167.3	107.4	61.7	34.2
-40°	737.7	650.2	563.1	475.2	382.5	292.0	219.2	154.1	99.1	54.6	31.6
-42.5°	697.0	611.3	525.9	441.6	352.6	271.3	200.7	138.4	88.2	49.3	28.3
-45°	651.1	568.0	484.6	401.9	321.0	247.9	180.5	120.9	75.7	44.6	25.6
-47.5°	600.9	519.3	437.7	358.0	291.1	221.6	157.4	104.9	61.8	39.0	24.6
-50°	544.5	464.4	385.0	317.3	255.8	192.3	133.0	87.1	54.0	32.2	23.3
-52.5°	482.0	401.8	335.6	276.6	217.1	159.9	110.6	68.6	45.3	28.9	21.9
-55°	410.5	345.3	289.1	231.2	175.3	129.8	86.3	57.5	35.8	26.9	20.4
-57.5°	349.0	292.9	236.0	181.6	137.1	98.8	68.1	45.6	31.6	24.8	19.3
-60°	285.6	230.0	177.8	137.5	101.2	73.3	53.1	35.9	28.9	22.7	18.2
-62.5°	212.0	165.8	130.2	96.3	72.7	54.8	39.4	32.4	26.0	21.4	17.0
-65°	146.9	114.3	84.9	68.2	51.8	39.6	35.0	28.8	24.1	19.9	16.0
-67.5°	88.5	74.1	59.4	44.8	38.6	34.6	30.3	26.4	22.4	18.5	15.3
-70°	59.2	46.4	40.2	36.9	33.4	29.9	27.5	24.5	20.7	17.4	14.6
-72.5°	40.3	37.3	34.5	31.5	29.0	26.8	24.9	22.5	19.3	16.4	13.8
-75°	33.3	31.3	29.2	27.1	25.3	23.7	22.4	20.5	17.7	15.2	12.8
-77.5°	27.7	26.0	24.3	23.0	22.0	20.9	19.8	18.4	16.1	13.9	11.7
-80°	22.7	21.7	20.7	19.8	19.0	18.2	17.5	16.7	14.6	12.6	10.5
-82.5°	18.4	17.9	17.5	17.0	16.6	16.1	15.6	15.0	13.1	11.2	9.5
-85°	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.3	11.7	10.3	8.9
-87.5°	13.0	12.7	12.5	12.2	12.1	11.9	11.7	11.6	10.4	9.4	8.3
-90°	1.4	1.4	1.4	1.4	1.8	2.1	2.5	2.8	2.8	2.8	2.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.0	6.3	5.6	4.9	4.2	4.2	4.2
87.5°	3.2	3.4	3.6	3.9	4.2	4.2	4.2
85°	3.5	3.6	3.7	3.9	4.2	4.3	4.2
82.5°	3.9	3.8	3.9	4.0	4.2	4.3	4.2
80°	4.2	4.1	4.0	4.0	4.2	4.3	4.2
77.5°	4.6	4.3	4.1	4.1	4.2	4.4	4.2
75°	5.0	4.6	4.2	4.1	4.2	4.4	4.2
72.5°	5.3	4.9	4.5	4.2	4.2	4.4	4.2
70°	5.6	5.2	4.7	4.2	4.3	4.5	4.2
67.5°	5.6	5.5	4.9	4.4	4.3	4.5	4.2
65°	5.7	5.7	5.2	4.6	4.3	4.5	4.2
62.5°	5.8	5.8	5.4	4.7	4.3	4.6	4.2
60°	5.9	5.9	5.6	4.9	4.4	4.6	4.2
57.5°	6.2	6.0	5.7	5.1	4.5	4.6	4.2
55°	6.5	6.2	5.9	5.2	4.7	4.7	4.2
52.5°	6.9	6.3	6.0	5.4	4.8	4.7	4.2
50°	7.2	6.6	6.2	5.5	4.9	4.8	4.2
47.5°	7.6	6.9	6.3	5.6	5.1	4.8	4.2
45°	8.0	7.2	6.5	5.8	5.2	4.8	4.2
42.5°	8.5	7.4	6.7	5.9	5.3	4.9	4.2
40°	9.0	7.7	6.9	6.1	5.4	4.9	4.2
37.5°	9.4	8.0	7.1	6.2	5.6	5.0	4.2
35°	9.9	8.3	7.3	6.4	5.7	5.0	4.2
32.5°	10.4	8.7	7.5	6.6	5.8	5.1	4.2
30°	10.7	9.1	7.6	6.8	5.9	5.1	4.2
27.5°	11.1	9.4	7.9	6.9	6.0	5.2	4.2
25°	11.4	9.8	8.1	7.1	6.1	5.2	4.2
22.5°	11.7	10.1	8.3	7.3	6.2	5.2	4.2
20°	12.0	10.4	8.5	7.4	6.4	5.3	4.2
17.5°	12.3	10.6	8.7	7.6	6.4	5.3	4.2
15°	12.5	10.8	8.9	7.7	6.5	5.4	4.2
12.5°	12.8	10.9	9.1	7.8	6.6	5.4	4.2
10°	13.1	11.0	9.2	8.0	6.7	5.5	4.2
7.5°	13.3	11.1	9.4	8.1	6.8	5.5	4.2
5°	13.6	11.2	9.5	8.2	6.9	5.5	4.2
2.5°	13.8	11.2	9.7	8.3	6.9	5.6	4.2
0°	14.0	11.2	9.8	8.4	7.0	5.6	4.2
-2.5°	15.3	11.8	10.0	8.5	7.1	5.6	4.2
-5°	16.5	12.4	10.3	8.6	7.1	5.7	4.2
-7.5°	17.7	13.0	10.5	8.6	7.2	5.7	4.2
-10°	18.8	13.5	10.7	8.7	7.2	5.7	4.2
-12.5°	19.7	13.9	10.8	8.8	7.2	5.7	4.2
-15°	20.5	14.3	11.0	8.8	7.3	5.7	4.2
-17.5°	21.1	14.6	11.1	8.8	7.3	5.7	4.2
-20°	21.8	14.9	11.2	8.9	7.3	5.7	4.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.6	15.0	11.2	8.9	7.3	5.7	4.2
-25°	22.9	15.2	11.2	8.9	7.3	5.7	4.2
-27.5°	22.9	15.3	11.2	8.9	7.3	5.7	4.2
-30°	22.4	15.2	11.1	8.9	7.3	5.7	4.2
-32.5°	21.4	15.1	11.1	8.9	7.3	5.7	4.2
-35°	20.9	14.9	11.1	8.8	7.3	5.7	4.2
-37.5°	20.6	14.7	11.0	8.8	7.3	5.6	4.2
-40°	20.1	14.5	10.8	8.8	7.2	5.6	4.2
-42.5°	19.6	14.3	10.7	8.7	7.2	5.6	4.2
-45°	18.8	14.0	10.7	8.7	7.2	5.5	4.2
-47.5°	18.0	13.7	10.6	8.7	7.1	5.5	4.2
-50°	17.4	13.2	10.5	8.6	7.1	5.4	4.2
-52.5°	16.7	12.7	10.4	8.5	7.0	5.4	4.2
-55°	16.0	12.4	10.3	8.4	7.0	5.3	4.2
-57.5°	15.1	12.2	10.1	8.3	6.9	5.3	4.2
-60°	14.3	11.9	9.9	8.1	6.8	5.2	4.2
-62.5°	13.8	11.6	9.6	7.9	6.6	5.1	4.2
-65°	13.4	11.3	9.3	7.8	6.5	5.1	4.2
-67.5°	12.9	10.8	9.0	7.6	6.3	5.0	4.2
-70°	12.3	10.2	8.6	7.3	6.1	4.9	4.2
-72.5°	11.5	9.6	8.2	7.1	5.8	4.8	4.2
-75°	10.5	9.0	7.7	6.8	5.6	4.7	4.2
-77.5°	9.5	8.3	7.4	6.5	5.4	4.7	4.2
-80°	8.5	7.8	7.0	6.1	5.2	4.6	4.2
-82.5°	8.1	7.4	6.7	5.8	4.9	4.5	4.2
-85°	7.7	7.0	6.3	5.5	4.7	4.4	4.2
-87.5°	7.4	6.7	6.0	5.2	4.4	4.3	4.2
-90°	2.8	3.2	3.5	3.9	4.2	4.2	4.2

(END OF REPORT)