

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: P1305730 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-5S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305730 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-5S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

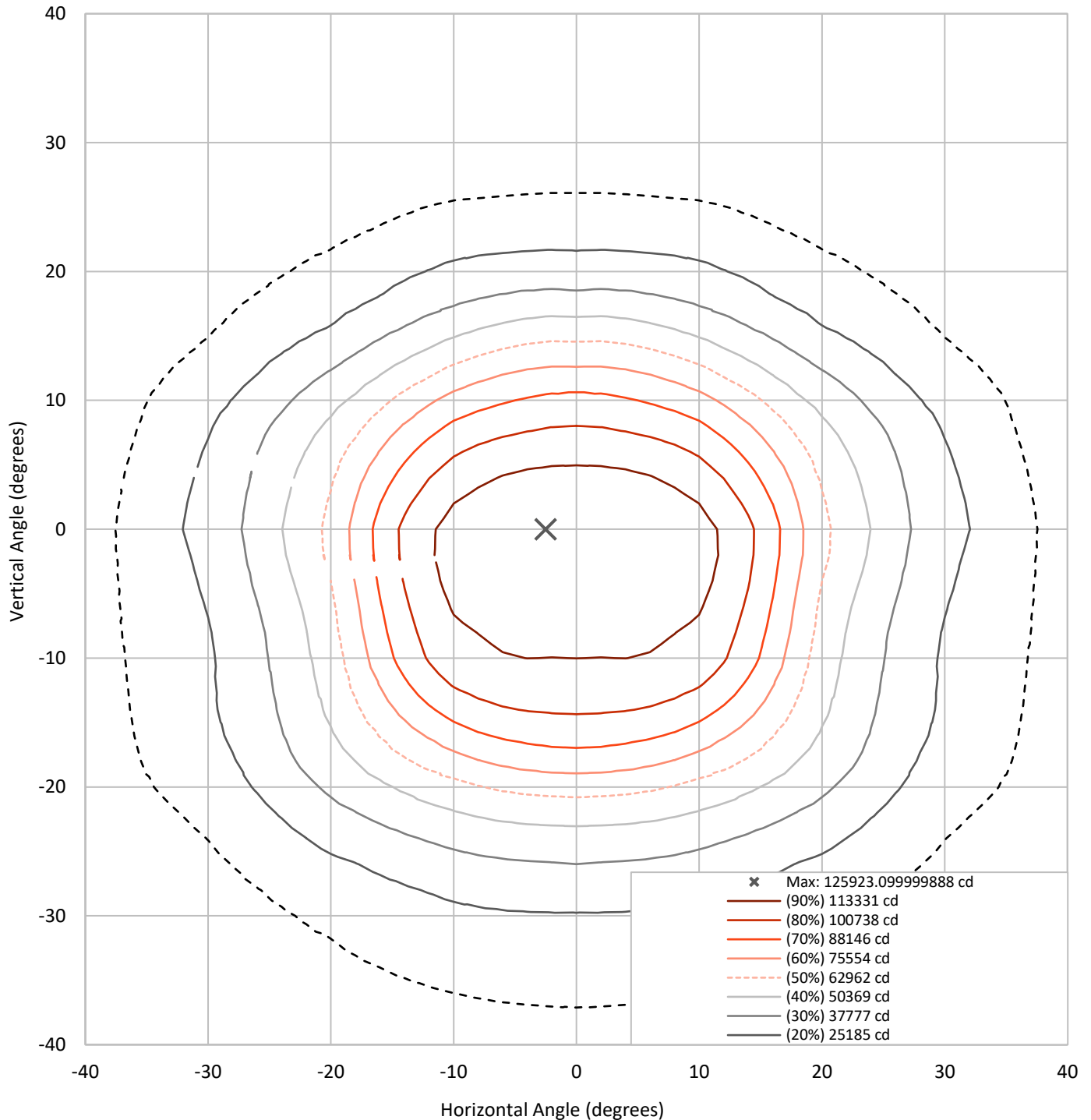
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	62146.5 lumens	Max Intensity:	125923.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	95.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	34181.8 lumens	Field Lumens:	56933.3 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

Input Watts (W): 648
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





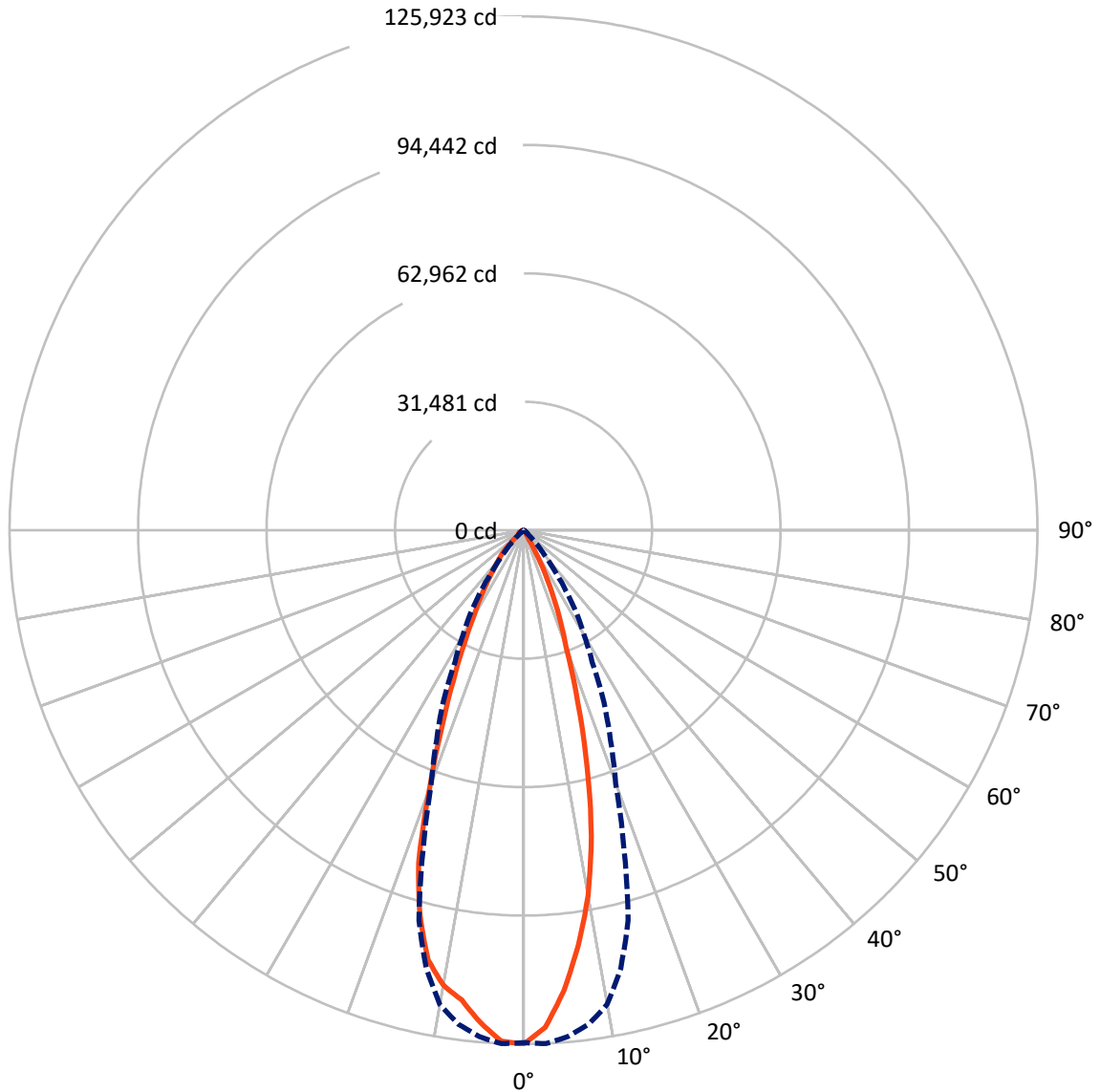
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Lumen Table

90	0.2	0.4	0.6	0.5	0.4	0.5	0.6	0.4	0.2										
80	0.2	0.4	0.6	0.5	0.4	0.5	0.6	0.4	0.2										
70	0.2	0.1	0.2	0.3	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.2	0.1	0.2			
60		0.1	0.2	0.6	0.7	0.4	0.4	0.5	0.5	0.4	0.4	0.7	0.6	0.2	0.1				
50	0.2	0.1	0.3	0.6	0.7	1.0	1.6	1.8	1.8	1.6	1.0	0.7	0.6	0.3	0.1	0.2			
40		0.2	0.8	1.9	5.0	14.0	24.2	30.8	30.8	24.2	14.0	5.0	1.9	0.8	0.2				
30	0.2	0.4	2.7	9.5	55.2	158.7	322.4	465.6	465.6	322.4	158.7	55.2	9.5	2.7	0.4	0.2			
20		0.7	5.9	30.9	196.3	575.2	1178.9	1741.7	1741.7	1178.9	575.2	196.3	30.9	5.9	0.7				
10	0.3	1.3	10.0	67.3	403.7	1153.3	2414.8	3295.7	3295.7	2414.8	1153.3	403.7	67.3	10.0	1.3	0.3			
0		2.3	13.6	81.4	422.8	1181.0	2710.0	3612.0	3612.0	2710.0	1181.0	422.8	81.4	13.6	2.3				
-10	0.4	2.7	14.0	65.4	358.9	972.3	2047.6	2819.7	2819.7	2047.6	972.3	358.9	65.4	14.0	2.7	0.4			
-20		2.3	11.5	30.7	180.0	520.3	956.8	1256.4	1256.4	956.8	520.3	180.0	30.7	11.5	2.3				
-30	0.3	1.8	7.9	17.9	52.6	196.0	360.7	470.6	470.6	360.7	196.0	52.6	17.9	7.9	1.8	0.3			
-40		1.1	4.8	12.6	23.2	43.5	98.0	147.9	147.9	98.0	43.5	23.2	12.6	4.8	1.1				
-50	0.2	0.5	2.4	7.1	14.8	24.4	33.4	38.7	38.7	33.4	24.4	14.8	7.1	2.4	0.5	0.2			
-60		0.2	0.9	2.8	6.1	10.8	16.3	19.4	19.4	16.3	10.8	6.1	2.8	0.9	0.2				
-70	0.2	0.7	2.2	5.9	8.2	5.9	2.2	0.7	0.2							0.2			
-80		0.2	0.7	2.2	5.9	8.2	5.9	2.2	0.7	0.2									
-90	0.2	0.7	2.2	5.9	8.2	5.9	2.2	0.7	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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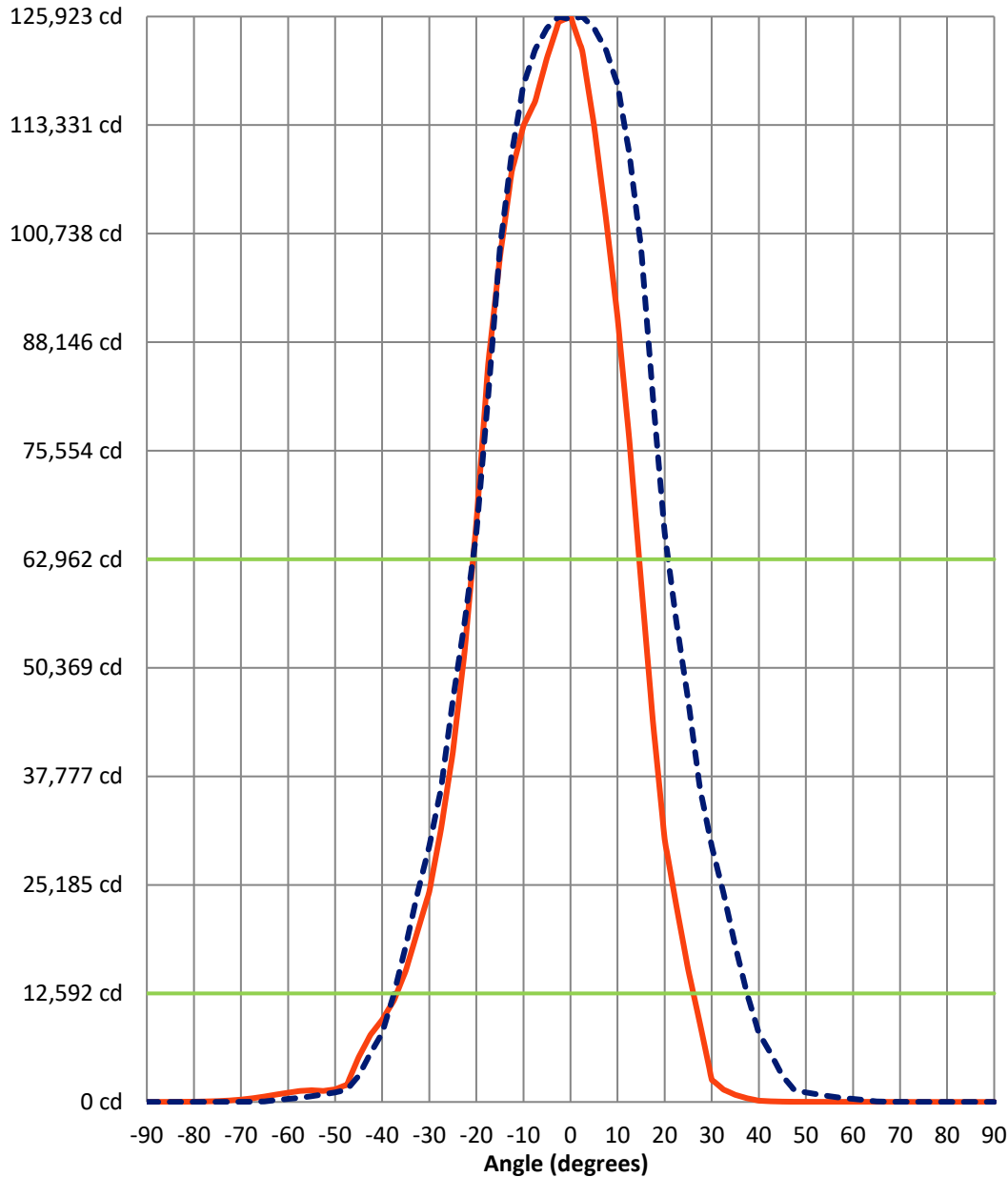
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.5°
 V Angle: 35.3°
 Lumens: 34181.8
 Efficiency: 55.0%

Field:
 H Angle: 75°
 V Angle: 63°
 Lumens: 56933.3
 Efficiency: 91.6%

Spill:
 Lumens: 5213.2
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.4
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.7	7.7	7.5
70°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.9	8.1	8.0	8.1
67.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.8	8.4	8.5	8.5	8.8
65°	7.3	7.3	7.3	7.3	7.3	7.5	8.3	8.9	8.8	8.9	9.2
62.5°	7.3	7.3	7.3	7.3	7.3	7.9	8.7	9.1	9.0	9.2	9.2
60°	7.3	7.3	7.3	7.3	7.3	8.2	9.2	9.2	9.2	9.2	9.2
57.5°	7.3	7.3	7.3	7.3	7.6	8.6	9.2	9.2	9.2	9.2	9.2
55°	7.3	7.3	7.3	7.3	7.8	8.9	9.2	9.2	9.2	9.2	9.2
52.5°	7.3	7.3	7.3	7.3	8.1	9.2	9.2	9.2	9.2	9.2	9.2
50°	7.3	7.3	7.3	7.3	8.4	9.2	9.2	9.2	9.2	9.2	9.7
47.5°	7.3	7.3	7.3	7.3	8.6	9.2	9.2	9.2	9.2	9.2	10.3
45°	7.3	7.3	7.3	7.5	8.9	9.2	9.2	9.2	9.3	9.7	10.9
42.5°	7.3	7.3	7.3	7.7	9.1	9.2	9.2	9.3	9.4	10.2	11.5
40°	7.3	7.3	7.3	7.8	9.2	9.2	9.2	9.4	9.7	10.7	12.0
37.5°	7.3	7.3	7.3	8.0	9.2	9.2	9.2	9.6	10.2	11.3	12.5
35°	7.3	7.3	7.3	8.0	9.2	9.2	9.2	9.8	10.7	11.9	13.0
32.5°	7.3	7.3	7.3	8.1	9.2	9.2	9.3	10.0	11.2	12.6	13.9
30°	7.3	7.3	7.3	8.2	9.2	9.2	9.4	10.4	11.6	13.4	15.0
27.5°	7.3	7.3	7.3	8.2	9.1	9.2	9.6	10.7	12.2	14.2	16.2
25°	7.3	7.3	7.3	8.2	9.1	9.2	9.9	11.1	12.8	15.1	17.6
22.5°	7.3	7.3	7.3	8.1	9.1	9.2	10.1	11.5	13.4	16.2	20.7
20°	7.3	7.3	7.3	8.1	9.1	9.2	10.3	11.8	14.1	17.3	23.9
17.5°	7.3	7.3	7.3	8.0	9.1	9.2	10.5	12.1	14.7	18.4	27.1
15°	7.3	7.3	7.3	8.0	9.1	9.2	10.6	12.4	15.3	19.5	30.3
12.5°	7.3	7.3	7.3	7.9	9.1	9.2	10.7	12.5	15.9	20.7	33.4
10°	7.3	7.3	7.3	7.8	9.1	9.2	10.8	12.6	16.5	22.4	37.5
7.5°	7.3	7.3	7.3	7.7	9.2	9.2	10.9	12.7	17.0	24.2	44.3
5°	7.3	7.3	7.3	7.5	9.2	9.2	11.0	12.8	17.6	26.0	51.2
2.5°	7.3	7.3	7.3	7.4	9.2	9.2	11.0	12.8	18.0	27.8	57.9
0°	7.3	7.3	7.3	7.3	9.2	9.2	11.0	12.8	18.4	29.4	64.2
-2.5°	7.3	7.3	7.3	7.4	9.2	9.6	11.7	14.5	23.3	40.3	83.0
-5°	7.3	7.3	7.3	7.5	9.2	10.0	12.4	16.2	28.0	50.6	100.7
-7.5°	7.3	7.3	7.3	7.7	9.2	10.3	13.1	17.8	32.3	60.1	116.7
-10°	7.3	7.3	7.3	7.8	9.1	10.7	13.7	19.2	36.1	68.5	130.6
-12.5°	7.3	7.3	7.3	7.9	9.1	10.9	14.2	20.4	39.2	75.6	140.3
-15°	7.3	7.3	7.3	8.0	9.1	11.2	14.7	21.4	42.1	81.6	147.0
-17.5°	7.3	7.3	7.3	8.0	9.1	11.3	15.1	22.9	45.1	86.1	151.4
-20°	7.3	7.3	7.3	8.1	9.1	11.4	15.5	24.5	47.0	88.8	153.4



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 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	7.3	7.3	8.1	9.1	11.3	16.1	25.7	47.7	89.6	152.9
-25°	7.3	7.3	7.3	8.2	9.1	11.3	16.4	26.3	47.2	88.4	149.8
-27.5°	7.3	7.3	7.3	8.2	9.1	11.2	16.4	26.4	45.4	86.2	148.1
-30°	7.3	7.3	7.3	8.2	9.2	11.0	16.1	25.8	44.4	84.0	143.7
-32.5°	7.3	7.3	7.3	8.1	9.3	10.7	15.5	25.4	43.7	80.0	136.5
-35°	7.3	7.3	7.3	8.0	9.4	10.4	15.0	24.7	42.2	74.0	126.4
-37.5°	7.3	7.3	7.3	8.0	9.4	10.1	14.6	23.5	39.7	66.0	111.5
-40°	7.3	7.3	7.3	7.8	9.5	10.2	14.0	21.9	36.3	60.7	97.7
-42.5°	7.3	7.3	7.3	7.7	9.4	10.3	13.3	19.7	33.3	54.5	83.1
-45°	7.3	7.3	7.3	7.6	9.2	10.3	12.5	17.8	30.2	47.6	69.0
-47.5°	7.3	7.3	7.3	7.4	9.1	10.3	11.6	16.7	26.5	40.2	60.6
-50°	7.3	7.3	7.3	7.4	8.9	10.2	11.4	15.4	21.9	34.9	51.7
-52.5°	7.3	7.3	7.3	7.5	8.7	10.1	11.2	14.0	19.1	29.2	42.6
-55°	7.3	7.3	7.3	7.5	8.4	9.9	11.1	12.6	17.1	23.0	35.6
-57.5°	7.3	7.3	7.3	7.6	8.2	9.6	10.9	12.3	15.0	19.7	28.1
-60°	7.3	7.3	7.3	7.6	8.0	9.3	10.6	11.9	13.2	17.1	21.7
-62.5°	7.3	7.3	7.3	7.6	8.0	9.0	10.2	11.5	12.7	14.4	18.6
-65°	7.3	7.3	7.3	7.6	8.1	8.7	9.9	11.0	12.2	13.3	15.3
-67.5°	7.3	7.3	7.3	7.7	8.1	8.5	9.5	10.6	11.7	12.8	13.9
-70°	7.3	7.3	7.3	7.7	8.1	8.6	9.1	10.1	11.1	12.1	13.2
-72.5°	7.3	7.3	7.3	7.7	8.2	8.6	9.1	9.6	10.6	11.5	12.5
-75°	7.3	7.3	7.3	7.6	8.2	8.6	9.1	9.5	10.0	10.9	11.8
-77.5°	7.3	7.3	7.3	7.6	8.1	8.7	9.1	9.4	9.8	10.3	11.1
-80°	7.3	7.3	7.3	7.5	7.9	8.5	9.2	9.3	9.5	9.9	10.4
-82.5°	7.3	7.3	7.3	7.5	7.8	8.2	8.8	9.0	9.2	9.4	9.7
-85°	7.3	7.3	7.3	7.4	7.6	7.9	8.3	8.4	8.6	8.8	8.9
-87.5°	7.3	7.3	7.3	7.4	7.5	7.6	7.8	7.9	7.9	8.0	8.1
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



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 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.5
87.5°	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.5	5.1	4.6	4.2
85°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	5.3	5.1	4.9
82.5°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.5
80°	7.3	7.3	7.3	7.3	6.9	6.5	6.0	5.6	5.5	5.6	5.6
77.5°	7.3	7.3	7.3	7.3	7.0	6.7	6.5	6.5	6.5	6.3	6.0
75°	7.3	7.3	7.4	7.4	7.2	7.2	7.3	7.3	7.0	6.6	6.1
72.5°	7.6	7.8	7.8	7.5	7.3	7.3	7.3	7.3	7.5	7.6	7.5
70°	8.4	8.5	8.1	7.6	7.3	7.5	8.3	9.3	10.2	10.1	10.0
67.5°	9.1	8.6	8.2	7.8	8.1	9.0	10.1	11.6	13.0	13.0	13.4
65°	9.2	8.7	8.5	8.7	9.1	10.7	12.4	14.0	17.9	20.3	21.5
62.5°	9.2	8.9	9.0	9.6	11.0	12.8	15.3	19.7	25.9	29.2	28.2
60°	9.2	9.1	9.8	11.1	12.7	14.5	18.5	24.6	32.7	38.5	35.1
57.5°	9.2	9.7	10.9	12.3	13.6	15.2	20.6	28.3	37.7	47.9	41.5
55°	9.5	10.4	11.8	13.1	14.5	15.8	21.5	30.2	40.8	46.9	40.9
52.5°	10.2	11.2	12.5	13.9	15.3	16.7	20.9	29.3	35.7	40.4	37.4
50°	10.8	11.9	13.1	14.6	16.3	17.9	18.6	25.4	30.5	32.6	32.4
47.5°	11.5	12.6	13.8	15.5	17.6	18.9	18.9	22.3	26.0	28.3	26.4
45°	12.1	13.3	14.6	16.9	19.1	20.3	21.4	20.6	26.6	28.1	26.9
42.5°	12.7	14.0	16.3	18.4	21.2	24.2	25.8	28.0	30.9	33.7	33.0
40°	13.3	14.8	18.5	22.8	24.8	30.3	35.8	39.2	40.3	42.9	43.0
37.5°	13.9	17.1	22.7	31.8	31.9	40.3	48.1	55.8	58.1	53.9	61.1
35°	14.5	19.6	34.4	45.3	47.0	53.4	66.3	78.2	85.3	81.2	87.9
32.5°	16.2	22.5	49.6	61.0	72.4	78.2	87.4	113.0	137.6	145.1	132.1
30°	19.1	36.4	66.8	78.2	105.1	122.8	128.3	162.8	214.3	259.4	348.3
27.5°	22.7	53.3	83.0	107.2	146.0	177.8	191.6	248.0	336.1	455.0	710.8
25°	26.5	71.2	100.1	144.2	199.4	236.4	259.1	338.7	486.5	866.0	1343.9
22.5°	35.9	89.4	121.8	185.3	259.8	291.9	339.9	448.3	696.4	1327.2	2119.9
20°	50.4	106.6	152.7	226.0	324.5	344.9	414.4	553.4	983.7	1939.2	2891.6
17.5°	64.7	126.0	186.5	273.9	374.2	415.3	486.6	649.2	1224.8	2706.1	3893.3
15°	78.6	147.1	218.3	322.5	432.4	513.5	622.6	864.8	1685.5	3614.1	5219.5
12.5°	91.8	169.2	248.2	371.0	499.7	617.6	778.6	1216.3	2507.2	4674.9	7071.2
10°	104.1	191.8	275.9	418.2	573.4	725.5	940.1	1600.8	3337.6	5598.2	8537.2
7.5°	132.6	226.1	306.8	463.4	650.6	834.5	1103.2	2001.0	4087.1	6379.4	9762.3
5°	164.2	272.5	366.0	534.2	731.8	937.2	1252.7	2397.3	4744.2	7023.0	10865.8
2.5°	195.1	317.4	423.7	604.7	809.7	1026.6	1345.2	2742.8	5259.7	7567.5	11818.0
0°	223.9	359.7	479.0	669.8	880.8	1108.4	1424.0	3044.4	5652.0	8008.3	12568.4
-2.5°	259.1	405.0	540.3	731.8	904.8	1110.8	1425.2	2933.0	5737.4	8424.8	12286.9
-5°	289.6	446.4	597.1	788.1	926.0	1107.4	1413.8	2762.9	5690.3	8647.9	12060.0
-7.5°	314.1	483.1	648.3	833.0	945.7	1118.8	1441.3	2800.4	5611.9	8647.9	11917.7
-10°	328.3	493.6	648.7	830.6	958.4	1133.3	1460.2	2734.2	5372.7	8468.7	11628.3
-12.5°	315.6	480.6	635.3	819.8	966.4	1136.2	1454.1	2547.0	4969.6	8103.7	11267.1
-15°	300.6	465.0	616.3	799.8	969.3	1126.3	1420.2	2226.2	4308.8	7317.5	10831.5
-17.5°	283.8	447.2	591.4	769.9	966.9	1102.5	1337.6	1718.7	3453.6	6219.0	9832.0
-20°	266.0	427.4	560.5	729.7	953.6	1047.9	1212.1	1524.7	2724.8	4987.5	8260.3



REPORT NUMBER: P1305730 (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°	247.7	406.0	528.3	690.0	876.5	982.0	1094.8	1319.9	1926.5	3603.2	6228.4
-25°	237.4	378.9	500.3	637.6	797.5	920.5	976.8	1118.5	1422.2	2645.1	4547.1
-27.5°	232.6	353.2	465.7	583.7	725.3	856.0	897.3	989.0	1215.9	1706.3	3071.8
-30°	224.5	318.3	427.7	532.1	662.2	778.7	839.1	897.2	1042.1	1307.2	2063.5
-32.5°	206.7	282.8	386.7	487.6	600.0	712.9	803.9	859.6	950.7	1089.2	1340.0
-35°	184.7	256.5	345.1	439.6	538.5	651.9	754.5	836.0	880.2	975.6	1143.5
-37.5°	164.8	228.1	303.3	391.0	483.2	588.3	701.2	790.1	855.0	900.6	1021.0
-40°	143.6	197.5	267.6	345.5	428.5	524.5	628.4	731.9	813.9	882.2	935.7
-42.5°	122.1	172.9	232.1	300.8	379.3	463.4	552.7	654.1	756.1	844.9	912.4
-45°	105.3	147.4	196.2	261.9	331.1	404.5	485.4	569.3	678.8	779.5	863.5
-47.5°	87.9	122.8	167.6	222.2	285.7	351.1	419.2	503.2	594.1	693.5	789.4
-50°	71.9	103.2	139.0	188.2	242.6	300.4	361.0	437.8	521.6	606.3	694.0
-52.5°	61.4	82.9	116.1	154.7	202.8	254.3	310.2	375.8	450.1	527.5	605.2
-55°	50.3	69.1	93.6	126.2	163.8	210.1	262.7	319.6	377.9	448.5	518.3
-57.5°	40.6	56.5	76.0	100.1	131.3	165.9	214.7	265.4	318.9	373.5	431.5
-60°	31.6	44.7	61.2	79.9	101.4	132.0	166.8	210.6	258.2	306.2	355.1
-62.5°	23.1	33.8	47.2	62.8	80.5	99.8	127.8	160.8	196.5	236.4	277.4
-65°	19.4	24.1	33.7	46.7	60.9	77.7	96.0	115.6	144.5	173.0	201.3
-67.5°	15.5	19.5	24.1	30.5	42.6	55.8	69.9	86.4	103.9	119.8	138.4
-70°	14.1	15.2	18.4	22.7	27.4	34.6	46.4	58.8	71.2	83.2	96.8
-72.5°	13.2	14.0	15.0	16.2	19.7	24.0	28.8	34.1	42.2	51.7	61.2
-75°	12.3	12.8	13.4	14.3	15.3	16.5	18.2	22.1	26.3	30.4	34.3
-77.5°	11.5	11.9	12.2	12.5	12.9	13.7	14.6	15.7	17.0	18.7	20.5
-80°	10.7	11.0	11.3	11.5	11.6	11.7	11.9	12.2	12.6	13.2	14.2
-82.5°	9.9	10.1	10.3	10.5	10.3	10.0	9.8	9.7	10.0	10.3	10.6
-85°	9.1	9.2	9.3	9.5	9.1	8.8	8.5	8.1	8.2	8.3	8.4
-87.5°	8.2	8.2	8.3	8.4	8.0	7.6	7.2	6.8	6.8	6.9	6.9
-90°	6.9	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.8	7.3	8.2	9.1
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.2	2.8
85°	4.9	4.6	4.4	4.1	3.7	3.7	3.7	3.7	3.7	3.2	2.8
82.5°	5.5	5.1	4.6	4.2	3.7	3.7	3.7	3.7	3.7	3.2	2.8
80°	5.5	5.3	5.1	4.9	4.8	4.7	4.4	4.1	3.7	3.3	2.8
77.5°	5.6	5.5	5.5	5.5	5.5	5.1	4.7	4.2	3.8	3.3	2.8
75°	5.7	5.6	5.7	5.7	5.6	5.3	5.2	5.1	5.1	4.9	4.5
72.5°	7.2	6.9	6.7	6.6	6.3	6.2	6.1	5.9	5.6	5.4	5.4
70°	9.8	9.6	9.4	9.1	8.8	8.4	8.1	7.7	7.1	6.9	7.1
67.5°	14.4	14.7	14.6	13.9	12.5	11.2	10.5	9.8	9.0	9.0	9.6
65°	21.2	18.5	16.8	15.3	14.1	13.0	12.3	11.6	10.9	11.1	12.7
62.5°	25.2	19.7	16.8	15.7	15.1	14.5	13.4	12.7	12.3	12.7	14.0
60°	29.3	21.2	15.8	14.8	13.8	12.9	12.8	12.8	12.8	13.0	13.6
57.5°	31.3	21.7	14.6	14.1	13.5	13.0	13.0	13.1	13.1	12.9	13.4
55°	30.7	21.9	15.1	14.3	14.2	14.4	14.4	13.6	13.1	12.8	13.3
52.5°	27.9	21.1	16.1	14.8	14.7	14.0	12.9	13.5	14.3	15.0	15.6
50°	24.9	19.8	17.3	16.1	16.1	16.2	16.1	17.1	18.1	18.6	19.4
47.5°	22.8	19.9	19.7	19.4	19.9	20.9	21.3	22.4	25.1	26.6	27.2
45°	23.0	24.4	25.4	26.3	26.2	31.4	35.1	37.2	39.6	41.9	43.7
42.5°	31.1	34.7	37.8	42.6	45.5	54.1	58.6	53.1	64.8	74.9	77.3
40°	47.6	52.7	64.0	76.6	91.7	98.2	128.8	130.2	143.5	176.6	187.3
37.5°	72.4	87.1	126.3	159.6	212.3	243.7	282.5	319.8	349.7	380.4	401.5
35°	112.9	187.9	247.0	350.6	421.5	457.3	503.4	558.6	581.9	678.7	752.6
32.5°	241.2	375.8	536.4	619.2	712.1	783.2	773.3	1002.5	1090.9	1236.3	1354.5
30°	445.7	767.5	1198.5	1198.5	1181.9	1573.8	1717.3	2013.3	2316.8	2519.0	3002.3
27.5°	1030.3	1713.2	2395.9	2409.7	2705.5	3523.9	3990.0	4130.0	5446.9	6292.5	7446.0
25°	1898.4	3022.5	3964.3	4402.6	5281.1	6614.5	7403.8	8345.0	10310.4	12549.9	13963.7
22.5°	2827.4	4025.4	5440.6	6438.6	8122.4	9837.6	11273.1	13350.0	15991.5	18490.5	20181.2
20°	3526.7	4934.0	6933.0	9029.4	11162.4	13312.7	15542.5	18396.4	21972.1	25015.1	27765.4
17.5°	4952.5	6440.5	9145.9	11997.3	14892.3	17189.6	20711.0	24133.8	28490.2	32905.8	36325.9
15°	7062.4	9460.9	12167.6	15866.4	19938.1	23453.6	27187.3	33193.9	38493.7	44168.9	49239.6
12.5°	9769.8	12948.7	16535.5	20789.3	26126.0	31642.9	37337.3	43677.3	50609.1	57426.1	64662.5
10°	12297.7	16666.7	21297.6	26531.7	32638.7	39605.8	46563.5	53747.1	63379.4	72109.5	79847.7
7.5°	14043.1	19188.7	24872.5	31270.0	38807.9	46218.0	54077.4	63844.8	75097.9	84997.2	92927.5
5°	15610.4	21441.2	27116.5	33583.8	42347.7	50817.5	60103.8	71992.2	84802.1	95658.0	103561.3
2.5°	16974.9	23249.6	28761.1	35276.4	44898.5	53710.9	63851.4	78019.6	92942.7	103816.6	112155.5
0°	18097.5	24221.2	29691.6	36402.4	46576.1	55652.4	66055.5	81811.4	98989.6	109974.4	117990.0
-2.5°	17010.8	22566.0	27965.6	34762.9	45015.3	54310.6	65554.5	81581.1	98439.5	110287.2	118563.6
-5°	16189.9	21262.9	26388.9	33114.8	42132.2	50751.3	61302.3	77784.4	95528.5	107499.7	115874.2
-7.5°	15553.7	19981.0	24641.6	30834.8	39083.8	48224.0	59536.6	75439.3	92206.3	104313.7	111901.7
-10°	14860.2	18663.6	23742.8	29985.1	38006.7	46720.4	56770.3	71481.1	88422.3	100071.4	108958.8
-12.5°	14649.0	18664.9	23781.0	29201.1	36579.6	44947.5	54529.2	67059.6	80044.8	92260.2	100054.1
-15°	14308.2	18383.6	23390.6	28488.4	35177.7	43236.9	51235.5	60495.6	71348.9	80175.4	88317.1
-17.5°	13640.2	17556.5	21319.3	26082.7	32593.3	40064.7	46125.3	53407.8	61238.3	67968.8	74110.1
-20°	12041.1	14704.5	18270.9	22762.8	28342.2	34392.0	39910.2	45164.4	50196.6	55324.1	58876.2



REPORT NUMBER: P1305730 (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°
-22.5°	9213.7	11771.3	14761.4	18492.7	22915.7	28188.1	33064.6	36623.2	40626.0	44318.1	47353.7
-25°	6738.0	8611.8	11402.7	14586.5	17472.9	21695.8	25438.2	27841.5	31355.1	34115.2	36742.8
-27.5°	4872.6	6707.7	8983.6	11499.4	13663.5	15932.1	19235.7	21530.7	24294.2	26410.7	28602.3
-30°	3325.8	5346.6	7444.1	9501.9	11148.4	12862.2	14692.9	16956.7	19175.2	20953.3	22536.6
-32.5°	2306.7	3771.1	5820.8	7738.1	9226.2	10532.9	11735.9	13455.6	15115.7	16563.0	17749.8
-35°	1413.2	2451.7	3871.3	5697.1	7270.1	8525.9	9635.3	10730.7	11792.8	12881.8	13799.2
-37.5°	1195.6	1443.5	2328.1	3585.3	5083.7	6481.4	7568.1	8472.5	9274.2	10102.9	10755.3
-40°	1056.6	1204.9	1426.9	1886.8	3039.3	4201.2	5372.9	6346.4	7228.0	7962.9	8534.1
-42.5°	964.9	1064.1	1172.2	1352.6	1566.2	2135.7	3143.4	4125.8	5082.2	5884.2	6556.5
-45°	936.5	986.3	1044.7	1141.2	1229.7	1402.9	1590.0	1783.8	2544.1	3350.9	4061.8
-47.5°	871.7	951.5	1004.5	1046.0	1095.2	1173.6	1245.5	1337.0	1511.7	1684.9	1826.4
-50°	785.8	873.0	946.3	1017.4	1067.5	1101.7	1127.9	1175.4	1245.0	1312.6	1367.3
-52.5°	681.8	766.3	851.6	937.9	1009.2	1075.2	1137.2	1180.0	1212.5	1240.2	1254.4
-55°	587.2	657.9	729.1	816.0	902.1	984.9	1064.3	1132.0	1195.2	1254.1	1287.5
-57.5°	494.8	555.7	619.2	696.8	773.4	848.6	925.6	1003.7	1080.1	1151.5	1192.8
-60°	406.8	460.8	518.3	580.9	647.4	716.8	783.1	849.3	915.0	973.2	1007.3
-62.5°	320.5	366.1	412.8	462.3	514.6	569.3	624.4	680.0	735.6	782.3	811.1
-65°	232.8	269.9	305.6	341.9	378.6	420.0	463.6	506.1	547.0	579.1	600.1
-67.5°	162.8	186.8	208.6	229.9	255.9	285.4	316.8	347.3	376.7	398.8	413.6
-70°	110.5	123.9	135.9	149.8	166.8	184.4	202.8	220.5	237.4	250.2	260.1
-72.5°	70.6	79.4	88.0	97.5	106.7	116.8	127.4	137.4	146.9	153.5	158.7
-75°	38.1	42.9	49.9	56.4	62.5	69.8	77.4	84.5	91.1	94.6	96.9
-77.5°	23.3	26.5	29.5	32.4	35.1	39.1	43.5	47.9	52.4	54.4	55.8
-80°	15.3	16.7	18.3	19.9	21.4	23.8	26.3	28.7	31.1	31.9	32.3
-82.5°	10.8	11.3	11.9	12.5	13.1	14.6	16.2	17.8	19.4	20.5	21.6
-85°	8.5	8.6	8.7	8.8	8.8	9.6	10.5	11.5	12.4	13.0	13.6
-87.5°	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.3	7.3	7.8	8.3
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.2	2.8



REPORT NUMBER: P1305730 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.1	11.0	10.1	9.2	10.1	11.0	10.1	9.1	8.2	7.3	6.8
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.8	3.2	3.7	3.7
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.3	3.7	4.1
77.5°	2.3	1.8	2.7	3.7	2.7	1.8	2.3	2.8	3.3	3.8	4.2
75°	4.1	3.7	3.7	3.7	3.7	3.7	4.1	4.5	4.9	5.1	5.1
72.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.6	5.9
70°	7.2	7.2	7.3	7.3	7.3	7.2	7.2	7.1	6.9	7.1	7.7
67.5°	10.2	10.8	11.0	11.0	11.0	10.8	10.2	9.6	9.0	9.0	9.8
65°	14.3	16.0	15.6	14.7	15.6	16.0	14.3	12.7	11.1	10.9	11.6
62.5°	15.2	16.3	16.5	16.5	16.5	16.3	15.2	14.0	12.7	12.3	12.7
60°	14.1	14.6	14.7	14.7	14.7	14.6	14.1	13.6	13.0	12.8	12.8
57.5°	14.0	14.5	14.7	14.7	14.7	14.5	14.0	13.4	12.9	13.1	13.1
55°	13.9	14.5	14.7	14.7	14.7	14.5	13.9	13.3	12.8	13.1	13.6
52.5°	16.1	16.4	16.5	16.5	16.5	16.4	16.1	15.6	15.0	14.3	13.5
50°	20.4	21.3	20.7	18.4	20.7	21.3	20.4	19.4	18.6	18.1	17.1
47.5°	27.2	26.3	25.6	25.7	25.6	26.3	27.2	27.2	26.6	25.1	22.4
45°	44.3	43.9	43.6	44.0	43.6	43.9	44.3	43.7	41.9	39.6	37.2
42.5°	80.0	80.2	78.9	77.1	78.9	80.2	80.0	77.3	74.9	64.8	53.1
40°	186.8	171.2	150.0	137.6	150.0	171.2	186.8	187.3	176.6	143.5	130.2
37.5°	420.7	432.9	434.0	425.7	434.0	432.9	420.7	401.5	380.4	349.7	319.8
35°	799.3	828.0	829.6	814.8	829.6	828.0	799.3	752.6	678.7	581.9	558.6
32.5°	1352.6	1417.0	1441.2	1435.0	1441.2	1417.0	1352.6	1354.5	1236.3	1090.9	1002.5
30°	2777.5	2796.8	2599.0	2237.0	2599.0	2796.8	2777.5	3002.3	2519.0	2316.8	2013.3
27.5°	8071.8	8816.8	9087.0	8968.0	9087.0	8816.8	8071.8	7446.0	6292.5	5446.9	4130.0
25°	14369.7	14860.6	15350.6	15407.3	15350.6	14860.6	14369.7	13963.7	12549.9	10310.4	8345.0
22.5°	21352.2	22049.7	22711.9	22560.4	22711.9	22049.7	21352.2	20181.2	18490.5	15991.5	13350.0
20°	29512.1	29993.3	30481.9	29941.1	30481.9	29993.3	29512.1	27765.4	25015.1	21972.1	18396.4
17.5°	39908.3	42173.5	44184.3	43274.8	44184.3	42173.5	39908.3	36325.9	32905.8	28490.2	24133.8
15°	54013.9	57956.5	60268.9	60146.5	60268.9	57956.5	54013.9	49239.6	44168.9	38493.7	33193.9
12.5°	70268.6	74388.7	76748.5	76260.4	76748.5	74388.7	70268.6	64662.5	57426.1	50609.1	43677.3
10°	84933.9	88169.3	90973.1	92071.4	90973.1	88169.3	84933.9	79847.7	72109.5	63379.4	53747.1
7.5°	97887.1	100297.6	102636.3	103054.3	102636.3	100297.6	97887.1	92927.5	84997.2	75097.9	63844.8
5°	108550.1	111965.2	113287.3	113811.5	113287.3	111965.2	108550.1	103561.3	95658.0	84802.1	71992.2
2.5°	117155.9	120279.9	121933.7	121445.5	121933.7	120279.9	117155.9	112155.5	103816.6	92942.7	78019.6
0°	122099.6	124572.4	125923.1	125600.1	125923.1	124572.4	122099.6	117990.0	109974.4	98989.6	81811.4
-2.5°	122586.9	124249.7	125306.1	124891.7	125306.1	124249.7	122586.9	118563.6	110287.2	98439.5	81581.1
-5°	119215.6	120568.7	121123.8	121361.0	121123.8	120568.7	119215.6	115874.2	107499.7	95528.5	77784.4
-7.5°	114570.4	116388.1	116111.6	116589.8	116111.6	116388.1	114570.4	111901.7	104313.7	92206.3	75439.3
-10°	111803.7	113481.3	113238.4	113367.4	113238.4	113481.3	111803.7	108958.8	100071.4	88422.3	71481.1
-12.5°	105090.9	107526.5	107900.4	108320.1	107900.4	107526.5	105090.9	100054.1	92260.2	80044.8	67059.6
-15°	93661.2	96337.4	97955.6	98319.8	97955.6	96337.4	93661.2	88317.1	80175.4	71348.9	60495.6
-17.5°	79215.9	82917.0	85519.0	86123.9	85519.0	82917.0	79215.9	74110.1	67968.8	61238.3	53407.8
-20°	63214.0	65863.4	67211.6	67938.3	67211.6	65863.4	63214.0	58876.2	55324.1	50196.6	45164.4



REPORT NUMBER: P1305730 (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°	49755.1	51504.8	52255.9	52378.6	52255.9	51504.8	49755.1	47353.7	44318.1	40626.0	36623.2
-25°	38870.7	40063.3	40574.5	41329.6	40574.5	40063.3	38870.7	36742.8	34115.2	31355.1	27841.5
-27.5°	30165.0	31213.6	31681.1	32376.3	31681.1	31213.6	30165.0	28602.3	26410.7	24294.2	21530.7
-30°	23604.7	24236.4	24394.0	24428.6	24394.0	24236.4	23604.7	22536.6	20953.3	19175.2	16956.7
-32.5°	18671.3	19382.8	19807.5	19996.8	19807.5	19382.8	18671.3	17749.8	16563.0	15115.7	13455.6
-35°	14486.3	14955.2	15234.4	15548.6	15234.4	14955.2	14486.3	13799.2	12881.8	11792.8	10730.7
-37.5°	11262.6	11610.3	11802.7	11867.4	11802.7	11610.3	11262.6	10755.3	10102.9	9274.2	8472.5
-40°	8989.8	9335.1	9542.4	9573.6	9542.4	9335.1	8989.8	8534.1	7962.9	7228.0	6346.4
-42.5°	7067.2	7497.4	7775.7	7839.5	7775.7	7497.4	7067.2	6556.5	5884.2	5082.2	4125.8
-45°	4581.7	4982.1	5194.0	5180.4	5194.0	4982.1	4581.7	4061.8	3350.9	2544.1	1783.8
-47.5°	1916.9	1981.4	2009.1	2000.2	2009.1	1981.4	1916.9	1826.4	1684.9	1511.7	1337.0
-50°	1410.4	1447.0	1467.1	1471.7	1467.1	1447.0	1410.4	1367.3	1312.6	1245.0	1175.4
-52.5°	1266.6	1280.0	1284.7	1284.6	1284.7	1280.0	1266.6	1254.4	1240.2	1212.5	1180.0
-55°	1318.6	1348.1	1359.7	1359.8	1359.7	1348.1	1318.6	1287.5	1254.1	1195.2	1132.0
-57.5°	1230.3	1263.5	1278.8	1282.7	1278.8	1263.5	1230.3	1192.8	1151.5	1080.1	1003.7
-60°	1038.0	1064.7	1076.3	1079.0	1076.3	1064.7	1038.0	1007.3	973.2	915.0	849.3
-62.5°	835.8	856.0	862.2	860.7	862.2	856.0	835.8	811.1	782.3	735.6	680.0
-65°	617.6	631.5	632.6	627.6	632.6	631.5	617.6	600.1	579.1	547.0	506.1
-67.5°	425.5	434.3	434.7	431.2	434.7	434.3	425.5	413.6	398.8	376.7	347.3
-70°	268.4	275.1	275.5	273.4	275.5	275.1	268.4	260.1	250.2	237.4	220.5
-72.5°	163.1	166.8	170.1	172.5	170.1	166.8	163.1	158.7	153.5	146.9	137.4
-75°	98.7	99.9	99.8	99.1	99.8	99.9	98.7	96.9	94.6	91.1	84.5
-77.5°	57.1	58.2	60.4	62.4	60.4	58.2	57.1	55.8	54.4	52.4	47.9
-80°	32.7	32.9	33.9	34.9	33.9	32.9	32.7	32.3	31.9	31.1	28.7
-82.5°	22.7	23.8	23.9	23.9	23.9	23.8	22.7	21.6	20.5	19.4	17.8
-85°	14.1	14.7	15.6	16.5	15.6	14.7	14.1	13.6	13.0	12.4	11.5
-87.5°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.8	7.3	7.3
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.8	3.2	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5
85°	3.7	3.7	3.7	4.1	4.4	4.6	4.9	4.9	5.1	5.3	5.5
82.5°	3.7	3.7	3.7	4.2	4.6	5.1	5.5	5.5	5.5	5.5	5.5
80°	4.4	4.7	4.8	4.9	5.1	5.3	5.5	5.6	5.6	5.5	5.6
77.5°	4.7	5.1	5.5	5.5	5.5	5.5	5.6	6.0	6.3	6.5	6.5
75°	5.2	5.3	5.6	5.7	5.7	5.6	5.7	6.1	6.6	7.0	7.3
72.5°	6.1	6.2	6.3	6.6	6.7	6.9	7.2	7.5	7.6	7.5	7.3
70°	8.1	8.4	8.8	9.1	9.4	9.6	9.8	10.0	10.1	10.2	9.3
67.5°	10.5	11.2	12.5	13.9	14.6	14.7	14.4	13.4	13.0	13.0	11.6
65°	12.3	13.0	14.1	15.3	16.8	18.5	21.2	21.5	20.3	17.9	14.0
62.5°	13.4	14.5	15.1	15.7	16.8	19.7	25.2	28.2	29.2	25.9	19.7
60°	12.8	12.9	13.8	14.8	15.8	21.2	29.3	35.1	38.5	32.7	24.6
57.5°	13.0	13.0	13.5	14.1	14.6	21.7	31.3	41.5	47.9	37.7	28.3
55°	14.4	14.4	14.2	14.3	15.1	21.9	30.7	40.9	46.9	40.8	30.2
52.5°	12.9	14.0	14.7	14.8	16.1	21.1	27.9	37.4	40.4	35.7	29.3
50°	16.1	16.2	16.1	16.1	17.3	19.8	24.9	32.4	32.6	30.5	25.4
47.5°	21.3	20.9	19.9	19.4	19.7	19.9	22.8	26.4	28.3	26.0	22.3
45°	35.1	31.4	26.2	26.3	25.4	24.4	23.0	26.9	28.1	26.6	20.6
42.5°	58.6	54.1	45.5	42.6	37.8	34.7	31.1	33.0	33.7	30.9	28.0
40°	128.8	98.2	91.7	76.6	64.0	52.7	47.6	43.0	42.9	40.3	39.2
37.5°	282.5	243.7	212.3	159.6	126.3	87.1	72.4	61.1	53.9	58.1	55.8
35°	503.4	457.3	421.5	350.6	247.0	187.9	112.9	87.9	81.2	85.3	78.2
32.5°	773.3	783.2	712.1	619.2	536.4	375.8	241.2	132.1	145.1	137.6	113.0
30°	1717.3	1573.8	1181.9	1198.5	1198.5	767.5	445.7	348.3	259.4	214.3	162.8
27.5°	3990.0	3523.9	2705.5	2409.7	2395.9	1713.2	1030.3	710.8	455.0	336.1	248.0
25°	7403.8	6614.5	5281.1	4402.6	3964.3	3022.5	1898.4	1343.9	866.0	486.5	338.7
22.5°	11273.1	9837.6	8122.4	6438.6	5440.6	4025.4	2827.4	2119.9	1327.2	696.4	448.3
20°	15542.5	13312.7	11162.4	9029.4	6933.0	4934.0	3526.7	2891.6	1939.2	983.7	553.4
17.5°	20711.0	17189.6	14892.3	11997.3	9145.9	6440.5	4952.5	3893.3	2706.1	1224.8	649.2
15°	27187.3	23453.6	19938.1	15866.4	12167.6	9460.9	7062.4	5219.5	3614.1	1685.5	864.8
12.5°	37337.3	31642.9	26126.0	20789.3	16535.5	12948.7	9769.8	7071.2	4674.9	2507.2	1216.3
10°	46563.5	39605.8	32638.7	26531.7	21297.6	16666.7	12297.7	8537.2	5598.2	3337.6	1600.8
7.5°	54077.4	46218.0	38807.9	31270.0	24872.5	19188.7	14043.1	9762.3	6379.4	4087.1	2001.0
5°	60103.8	50817.5	42347.7	33583.8	27116.5	21441.2	15610.4	10865.8	7023.0	4744.2	2397.3
2.5°	63851.4	53710.9	44898.5	35276.4	28761.1	23249.6	16974.9	11818.0	7567.5	5259.7	2742.8
0°	66055.5	55652.4	46576.1	36402.4	29691.6	24221.2	18097.5	12568.4	8008.3	5652.0	3044.4
-2.5°	65554.5	54310.6	45015.3	34762.9	27965.6	22566.0	17010.8	12286.9	8424.8	5737.4	2933.0
-5°	61302.3	50751.3	42132.2	33114.8	26388.9	21262.9	16189.9	12060.0	8647.9	5690.3	2762.9
-7.5°	59536.6	48224.0	39083.8	30834.8	24641.6	19981.0	15553.7	11917.7	8647.9	5611.9	2800.4
-10°	56770.3	46720.4	38006.7	29985.1	23742.8	18663.6	14860.2	11628.3	8468.7	5372.7	2734.2
-12.5°	54529.2	44947.5	36579.6	29201.1	23781.0	18664.9	14649.0	11267.1	8103.7	4969.6	2547.0
-15°	51235.5	43236.9	35177.7	28488.4	23390.6	18383.6	14308.2	10831.5	7317.5	4308.8	2226.2
-17.5°	46125.3	40064.7	32593.3	26082.7	21319.3	17556.5	13640.2	9832.0	6219.0	3453.6	1718.7
-20°	39910.2	34392.0	28342.2	22762.8	18270.9	14704.5	12041.1	8260.3	4987.5	2724.8	1524.7



REPORT NUMBER: P1305730 (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°	33064.6	28188.1	22915.7	18492.7	14761.4	11771.3	9213.7	6228.4	3603.2	1926.5	1319.9
-25°	25438.2	21695.8	17472.9	14586.5	11402.7	8611.8	6738.0	4547.1	2645.1	1422.2	1118.5
-27.5°	19235.7	15932.1	13663.5	11499.4	8983.6	6707.7	4872.6	3071.8	1706.3	1215.9	989.0
-30°	14692.9	12862.2	11148.4	9501.9	7444.1	5346.6	3325.8	2063.5	1307.2	1042.1	897.2
-32.5°	11735.9	10532.9	9226.2	7738.1	5820.8	3771.1	2306.7	1340.0	1089.2	950.7	859.6
-35°	9635.3	8525.9	7270.1	5697.1	3871.3	2451.7	1413.2	1143.5	975.6	880.2	836.0
-37.5°	7568.1	6481.4	5083.7	3585.3	2328.1	1443.5	1195.6	1021.0	900.6	855.0	790.1
-40°	5372.9	4201.2	3039.3	1886.8	1426.9	1204.9	1056.6	935.7	882.2	813.9	731.9
-42.5°	3143.4	2135.7	1566.2	1352.6	1172.2	1064.1	964.9	912.4	844.9	756.1	654.1
-45°	1590.0	1402.9	1229.7	1141.2	1044.7	986.3	936.5	863.5	779.5	678.8	569.3
-47.5°	1245.5	1173.6	1095.2	1046.0	1004.5	951.5	871.7	789.4	693.5	594.1	503.2
-50°	1127.9	1101.7	1067.5	1017.4	946.3	873.0	785.8	694.0	606.3	521.6	437.8
-52.5°	1137.2	1075.2	1009.2	937.9	851.6	766.3	681.8	605.2	527.5	450.1	375.8
-55°	1064.3	984.9	902.1	816.0	729.1	657.9	587.2	518.3	448.5	377.9	319.6
-57.5°	925.6	848.6	773.4	696.8	619.2	555.7	494.8	431.5	373.5	318.9	265.4
-60°	783.1	716.8	647.4	580.9	518.3	460.8	406.8	355.1	306.2	258.2	210.6
-62.5°	624.4	569.3	514.6	462.3	412.8	366.1	320.5	277.4	236.4	196.5	160.8
-65°	463.6	420.0	378.6	341.9	305.6	269.9	232.8	201.3	173.0	144.5	115.6
-67.5°	316.8	285.4	255.9	229.9	208.6	186.8	162.8	138.4	119.8	103.9	86.4
-70°	202.8	184.4	166.8	149.8	135.9	123.9	110.5	96.8	83.2	71.2	58.8
-72.5°	127.4	116.8	106.7	97.5	88.0	79.4	70.6	61.2	51.7	42.2	34.1
-75°	77.4	69.8	62.5	56.4	49.9	42.9	38.1	34.3	30.4	26.3	22.1
-77.5°	43.5	39.1	35.1	32.4	29.5	26.5	23.3	20.5	18.7	17.0	15.7
-80°	26.3	23.8	21.4	19.9	18.3	16.7	15.3	14.2	13.2	12.6	12.2
-82.5°	16.2	14.6	13.1	12.5	11.9	11.3	10.8	10.6	10.3	10.0	9.7
-85°	10.5	9.6	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
-87.5°	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5



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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°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.3	7.3	7.3
85°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	6.0	6.5	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	6.5	6.7	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.2	7.2	7.4	7.4	7.3	7.3	7.4	7.5	7.3	7.3
72.5°	7.3	7.3	7.3	7.5	7.8	7.8	7.6	7.5	7.7	7.7	7.4
70°	8.3	7.5	7.3	7.6	8.1	8.5	8.4	8.1	8.0	8.1	7.9
67.5°	10.1	9.0	8.1	7.8	8.2	8.6	9.1	8.8	8.5	8.5	8.4
65°	12.4	10.7	9.1	8.7	8.5	8.7	9.2	9.2	8.9	8.8	8.9
62.5°	15.3	12.8	11.0	9.6	9.0	8.9	9.2	9.2	9.2	9.0	9.1
60°	18.5	14.5	12.7	11.1	9.8	9.1	9.2	9.2	9.2	9.2	9.2
57.5°	20.6	15.2	13.6	12.3	10.9	9.7	9.2	9.2	9.2	9.2	9.2
55°	21.5	15.8	14.5	13.1	11.8	10.4	9.5	9.2	9.2	9.2	9.2
52.5°	20.9	16.7	15.3	13.9	12.5	11.2	10.2	9.2	9.2	9.2	9.2
50°	18.6	17.9	16.3	14.6	13.1	11.9	10.8	9.7	9.2	9.2	9.2
47.5°	18.9	18.9	17.6	15.5	13.8	12.6	11.5	10.3	9.2	9.2	9.2
45°	21.4	20.3	19.1	16.9	14.6	13.3	12.1	10.9	9.7	9.3	9.2
42.5°	25.8	24.2	21.2	18.4	16.3	14.0	12.7	11.5	10.2	9.4	9.3
40°	35.8	30.3	24.8	22.8	18.5	14.8	13.3	12.0	10.7	9.7	9.4
37.5°	48.1	40.3	31.9	31.8	22.7	17.1	13.9	12.5	11.3	10.2	9.6
35°	66.3	53.4	47.0	45.3	34.4	19.6	14.5	13.0	11.9	10.7	9.8
32.5°	87.4	78.2	72.4	61.0	49.6	22.5	16.2	13.9	12.6	11.2	10.0
30°	128.3	122.8	105.1	78.2	66.8	36.4	19.1	15.0	13.4	11.6	10.4
27.5°	191.6	177.8	146.0	107.2	83.0	53.3	22.7	16.2	14.2	12.2	10.7
25°	259.1	236.4	199.4	144.2	100.1	71.2	26.5	17.6	15.1	12.8	11.1
22.5°	339.9	291.9	259.8	185.3	121.8	89.4	35.9	20.7	16.2	13.4	11.5
20°	414.4	344.9	324.5	226.0	152.7	106.6	50.4	23.9	17.3	14.1	11.8
17.5°	486.6	415.3	374.2	273.9	186.5	126.0	64.7	27.1	18.4	14.7	12.1
15°	622.6	513.5	432.4	322.5	218.3	147.1	78.6	30.3	19.5	15.3	12.4
12.5°	778.6	617.6	499.7	371.0	248.2	169.2	91.8	33.4	20.7	15.9	12.5
10°	940.1	725.5	573.4	418.2	275.9	191.8	104.1	37.5	22.4	16.5	12.6
7.5°	1103.2	834.5	650.6	463.4	306.8	226.1	132.6	44.3	24.2	17.0	12.7
5°	1252.7	937.2	731.8	534.2	366.0	272.5	164.2	51.2	26.0	17.6	12.8
2.5°	1345.2	1026.6	809.7	604.7	423.7	317.4	195.1	57.9	27.8	18.0	12.8
0°	1424.0	1108.4	880.8	669.8	479.0	359.7	223.9	64.2	29.4	18.4	12.8
-2.5°	1425.2	1110.8	904.8	731.8	540.3	405.0	259.1	83.0	40.3	23.3	14.5
-5°	1413.8	1107.4	926.0	788.1	597.1	446.4	289.6	100.7	50.6	28.0	16.2
-7.5°	1441.3	1118.8	945.7	833.0	648.3	483.1	314.1	116.7	60.1	32.3	17.8
-10°	1460.2	1133.3	958.4	830.6	648.7	493.6	328.3	130.6	68.5	36.1	19.2
-12.5°	1454.1	1136.2	966.4	819.8	635.3	480.6	315.6	140.3	75.6	39.2	20.4
-15°	1420.2	1126.3	969.3	799.8	616.3	465.0	300.6	147.0	81.6	42.1	21.4
-17.5°	1337.6	1102.5	966.9	769.9	591.4	447.2	283.8	151.4	86.1	45.1	22.9
-20°	1212.1	1047.9	953.6	729.7	560.5	427.4	266.0	153.4	88.8	47.0	24.5



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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°	1094.8	982.0	876.5	690.0	528.3	406.0	247.7	152.9	89.6	47.7	25.7
-25°	976.8	920.5	797.5	637.6	500.3	378.9	237.4	149.8	88.4	47.2	26.3
-27.5°	897.3	856.0	725.3	583.7	465.7	353.2	232.6	148.1	86.2	45.4	26.4
-30°	839.1	778.7	662.2	532.1	427.7	318.3	224.5	143.7	84.0	44.4	25.8
-32.5°	803.9	712.9	600.0	487.6	386.7	282.8	206.7	136.5	80.0	43.7	25.4
-35°	754.5	651.9	538.5	439.6	345.1	256.5	184.7	126.4	74.0	42.2	24.7
-37.5°	701.2	588.3	483.2	391.0	303.3	228.1	164.8	111.5	66.0	39.7	23.5
-40°	628.4	524.5	428.5	345.5	267.6	197.5	143.6	97.7	60.7	36.3	21.9
-42.5°	552.7	463.4	379.3	300.8	232.1	172.9	122.1	83.1	54.5	33.3	19.7
-45°	485.4	404.5	331.1	261.9	196.2	147.4	105.3	69.0	47.6	30.2	17.8
-47.5°	419.2	351.1	285.7	222.2	167.6	122.8	87.9	60.6	40.2	26.5	16.7
-50°	361.0	300.4	242.6	188.2	139.0	103.2	71.9	51.7	34.9	21.9	15.4
-52.5°	310.2	254.3	202.8	154.7	116.1	82.9	61.4	42.6	29.2	19.1	14.0
-55°	262.7	210.1	163.8	126.2	93.6	69.1	50.3	35.6	23.0	17.1	12.6
-57.5°	214.7	165.9	131.3	100.1	76.0	56.5	40.6	28.1	19.7	15.0	12.3
-60°	166.8	132.0	101.4	79.9	61.2	44.7	31.6	21.7	17.1	13.2	11.9
-62.5°	127.8	99.8	80.5	62.8	47.2	33.8	23.1	18.6	14.4	12.7	11.5
-65°	96.0	77.7	60.9	46.7	33.7	24.1	19.4	15.3	13.3	12.2	11.0
-67.5°	69.9	55.8	42.6	30.5	24.1	19.5	15.5	13.9	12.8	11.7	10.6
-70°	46.4	34.6	27.4	22.7	18.4	15.2	14.1	13.2	12.1	11.1	10.1
-72.5°	28.8	24.0	19.7	16.2	15.0	14.0	13.2	12.5	11.5	10.6	9.6
-75°	18.2	16.5	15.3	14.3	13.4	12.8	12.3	11.8	10.9	10.0	9.5
-77.5°	14.6	13.7	12.9	12.5	12.2	11.9	11.5	11.1	10.3	9.8	9.4
-80°	11.9	11.7	11.6	11.5	11.3	11.0	10.7	10.4	9.9	9.5	9.3
-82.5°	9.8	10.0	10.3	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0
-85°	8.5	8.8	9.1	9.5	9.3	9.2	9.1	8.9	8.8	8.6	8.4
-87.5°	7.2	7.6	8.0	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.9
-90°	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	7.4	7.3	7.3	7.3	7.3	7.3	7.3
67.5°	7.8	7.3	7.3	7.3	7.3	7.3	7.3
65°	8.3	7.5	7.3	7.3	7.3	7.3	7.3
62.5°	8.7	7.9	7.3	7.3	7.3	7.3	7.3
60°	9.2	8.2	7.3	7.3	7.3	7.3	7.3
57.5°	9.2	8.6	7.6	7.3	7.3	7.3	7.3
55°	9.2	8.9	7.8	7.3	7.3	7.3	7.3
52.5°	9.2	9.2	8.1	7.3	7.3	7.3	7.3
50°	9.2	9.2	8.4	7.3	7.3	7.3	7.3
47.5°	9.2	9.2	8.6	7.3	7.3	7.3	7.3
45°	9.2	9.2	8.9	7.5	7.3	7.3	7.3
42.5°	9.2	9.2	9.1	7.7	7.3	7.3	7.3
40°	9.2	9.2	9.2	7.8	7.3	7.3	7.3
37.5°	9.2	9.2	9.2	8.0	7.3	7.3	7.3
35°	9.2	9.2	9.2	8.0	7.3	7.3	7.3
32.5°	9.3	9.2	9.2	8.1	7.3	7.3	7.3
30°	9.4	9.2	9.2	8.2	7.3	7.3	7.3
27.5°	9.6	9.2	9.1	8.2	7.3	7.3	7.3
25°	9.9	9.2	9.1	8.2	7.3	7.3	7.3
22.5°	10.1	9.2	9.1	8.1	7.3	7.3	7.3
20°	10.3	9.2	9.1	8.1	7.3	7.3	7.3
17.5°	10.5	9.2	9.1	8.0	7.3	7.3	7.3
15°	10.6	9.2	9.1	8.0	7.3	7.3	7.3
12.5°	10.7	9.2	9.1	7.9	7.3	7.3	7.3
10°	10.8	9.2	9.1	7.8	7.3	7.3	7.3
7.5°	10.9	9.2	9.2	7.7	7.3	7.3	7.3
5°	11.0	9.2	9.2	7.5	7.3	7.3	7.3
2.5°	11.0	9.2	9.2	7.4	7.3	7.3	7.3
0°	11.0	9.2	9.2	7.3	7.3	7.3	7.3
-2.5°	11.7	9.6	9.2	7.4	7.3	7.3	7.3
-5°	12.4	10.0	9.2	7.5	7.3	7.3	7.3
-7.5°	13.1	10.3	9.2	7.7	7.3	7.3	7.3
-10°	13.7	10.7	9.1	7.8	7.3	7.3	7.3
-12.5°	14.2	10.9	9.1	7.9	7.3	7.3	7.3
-15°	14.7	11.2	9.1	8.0	7.3	7.3	7.3
-17.5°	15.1	11.3	9.1	8.0	7.3	7.3	7.3
-20°	15.5	11.4	9.1	8.1	7.3	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.1	11.3	9.1	8.1	7.3	7.3	7.3
-25°	16.4	11.3	9.1	8.2	7.3	7.3	7.3
-27.5°	16.4	11.2	9.1	8.2	7.3	7.3	7.3
-30°	16.1	11.0	9.2	8.2	7.3	7.3	7.3
-32.5°	15.5	10.7	9.3	8.1	7.3	7.3	7.3
-35°	15.0	10.4	9.4	8.0	7.3	7.3	7.3
-37.5°	14.6	10.1	9.4	8.0	7.3	7.3	7.3
-40°	14.0	10.2	9.5	7.8	7.3	7.3	7.3
-42.5°	13.3	10.3	9.4	7.7	7.3	7.3	7.3
-45°	12.5	10.3	9.2	7.6	7.3	7.3	7.3
-47.5°	11.6	10.3	9.1	7.4	7.3	7.3	7.3
-50°	11.4	10.2	8.9	7.4	7.3	7.3	7.3
-52.5°	11.2	10.1	8.7	7.5	7.3	7.3	7.3
-55°	11.1	9.9	8.4	7.5	7.3	7.3	7.3
-57.5°	10.9	9.6	8.2	7.6	7.3	7.3	7.3
-60°	10.6	9.3	8.0	7.6	7.3	7.3	7.3
-62.5°	10.2	9.0	8.0	7.6	7.3	7.3	7.3
-65°	9.9	8.7	8.1	7.6	7.3	7.3	7.3
-67.5°	9.5	8.5	8.1	7.7	7.3	7.3	7.3
-70°	9.1	8.6	8.1	7.7	7.3	7.3	7.3
-72.5°	9.1	8.6	8.2	7.7	7.3	7.3	7.3
-75°	9.1	8.6	8.2	7.6	7.3	7.3	7.3
-77.5°	9.1	8.7	8.1	7.6	7.3	7.3	7.3
-80°	9.2	8.5	7.9	7.5	7.3	7.3	7.3
-82.5°	8.8	8.2	7.8	7.5	7.3	7.3	7.3
-85°	8.3	7.9	7.6	7.4	7.3	7.3	7.3
-87.5°	7.8	7.6	7.5	7.4	7.3	7.3	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)