

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: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-80-1S-HEG-A**

Issue Date: 2/3/2026

Test Information

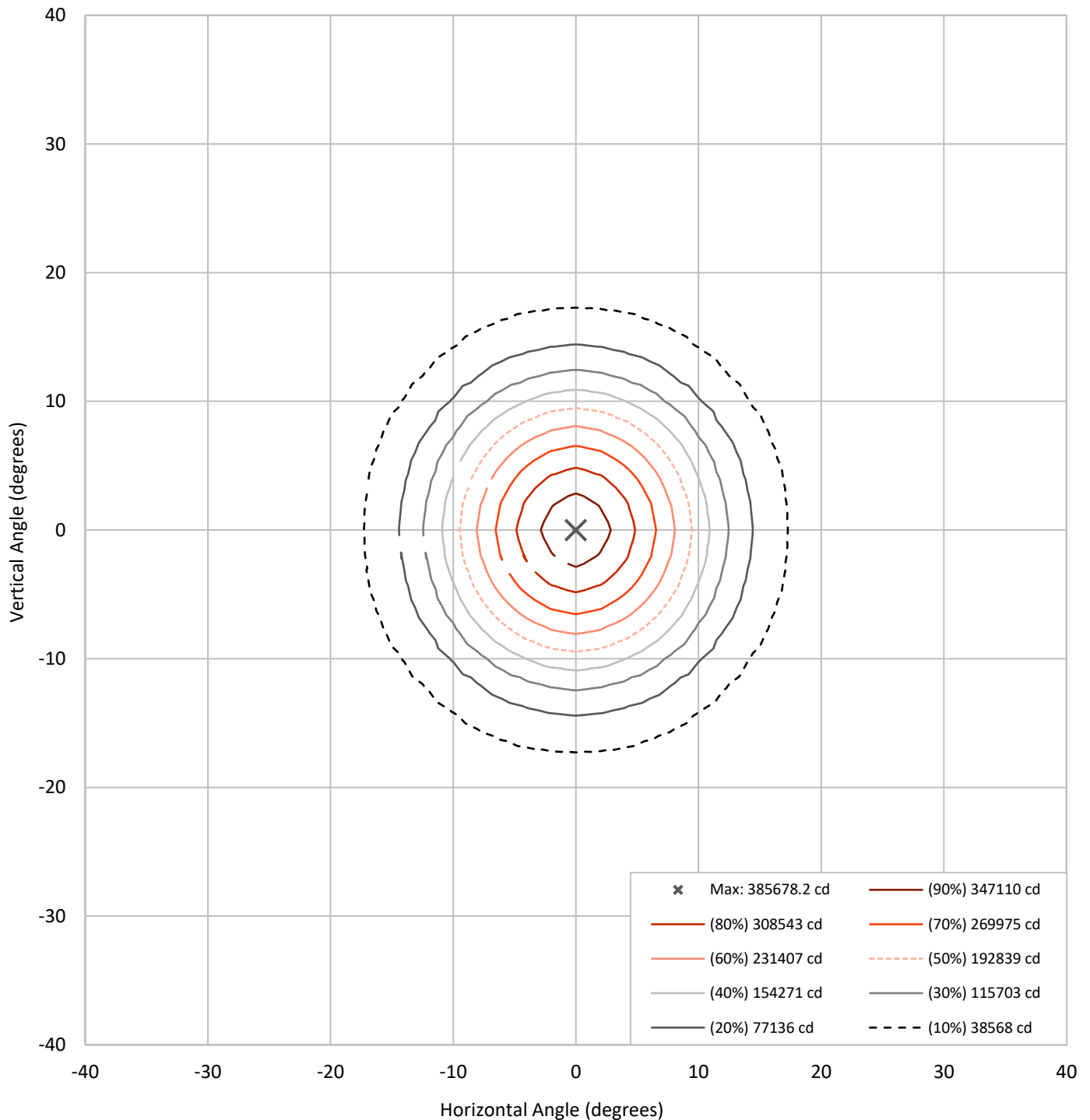
Test Method: LM-79-08
Report Number: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-61)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-57-80-1S-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	52246.1 lumens	Max Intensity:	385678.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 19°V	Field Angle (10%):	34.3°H x 34.3°V
Beam Lumens:	22518.8 lumens	Field Lumens:	41484.4 lumens
Beam Efficiency:	43.1%	Field Efficiency:	79.4%
Input Watts (W):	336.3		
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





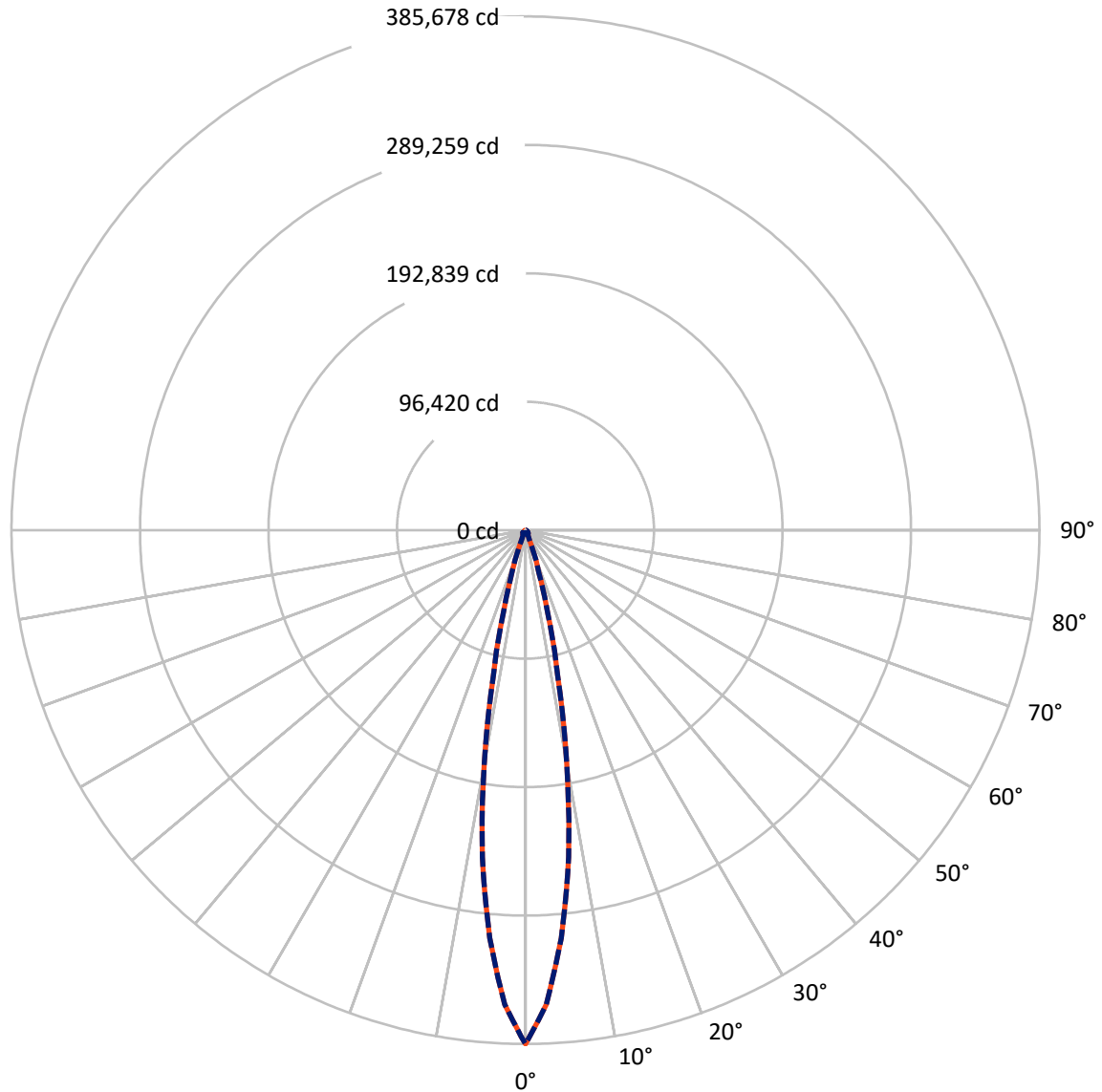
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Lumen Table

90	0.1	0.5		1.8		4.5		6.0		4.5		1.8		0.5		0.1
80	0.1	0.5		1.8		4.5		6.0		4.5		1.8		0.5		0.1
70	0.2	0.3	1.1	3.3	6.6	10.2	13.2	14.8	14.8	13.2	10.2	6.6	3.3	1.1	0.3	0.2
60		0.8	3.8	9.5	16.3	22.0	25.8	27.8	27.8	25.8	22.0	16.3	9.5	3.8	0.8	
50	0.6	2.0	7.7	16.1	23.6	39.9	62.9	75.5	75.5	62.9	39.9	23.6	16.1	7.7	2.0	0.6
40		3.5	11.5	20.4	48.2	82.5	91.1	91.3	91.3	91.1	82.5	48.2	20.4	11.5	3.5	
30	1.3	4.9	14.0	31.5	74.6	82.6	90.8	157.4	157.4	90.8	82.6	74.6	31.5	14.0	4.9	1.3
20		6.0	15.4	46.7	77.2	85.3	498.9	1863.0	1863.0	498.9	85.3	77.2	46.7	15.4	6.0	
10	1.7	6.5	16.1	54.2	74.9	144.8	1817.9	7154.1	7154.1	1817.9	144.8	74.9	54.2	16.1	6.5	1.7
0		6.5	16.1	54.2	74.9	144.8	1817.9	7154.1	7154.1	1817.9	144.8	74.9	54.2	16.1	6.5	
-10	1.3	6.0	15.4	46.7	77.2	85.3	498.9	1863.0	1863.0	498.9	85.3	77.2	46.7	15.4	6.0	1.3
-20		4.9	14.0	31.5	74.6	82.6	90.8	157.4	157.4	90.8	82.6	74.6	31.5	14.0	4.9	
-30	0.6	3.5	11.5	20.4	48.2	82.5	91.1	91.3	91.3	91.1	82.5	48.2	20.4	11.5	3.5	0.6
-40		2.0	7.7	16.1	23.6	39.9	62.9	75.5	75.5	62.9	39.9	23.6	16.1	7.7	2.0	
-50	0.2	0.8	3.8	9.5	16.3	22.0	25.8	27.8	27.8	25.8	22.0	16.3	9.5	3.8	0.8	0.2
-60		0.3	1.1	3.3	6.6	10.2	13.2	14.8	14.8	13.2	10.2	6.6	3.3	1.1	0.3	
-70	0.1	0.5		1.8		4.5		6.0		4.5		1.8		0.5		0.1
-80		0.5		1.8		4.5		6.0		4.5		1.8		0.5		
-90	0.1	0.5		1.8		4.5		6.0		4.5		1.8		0.5		0.1

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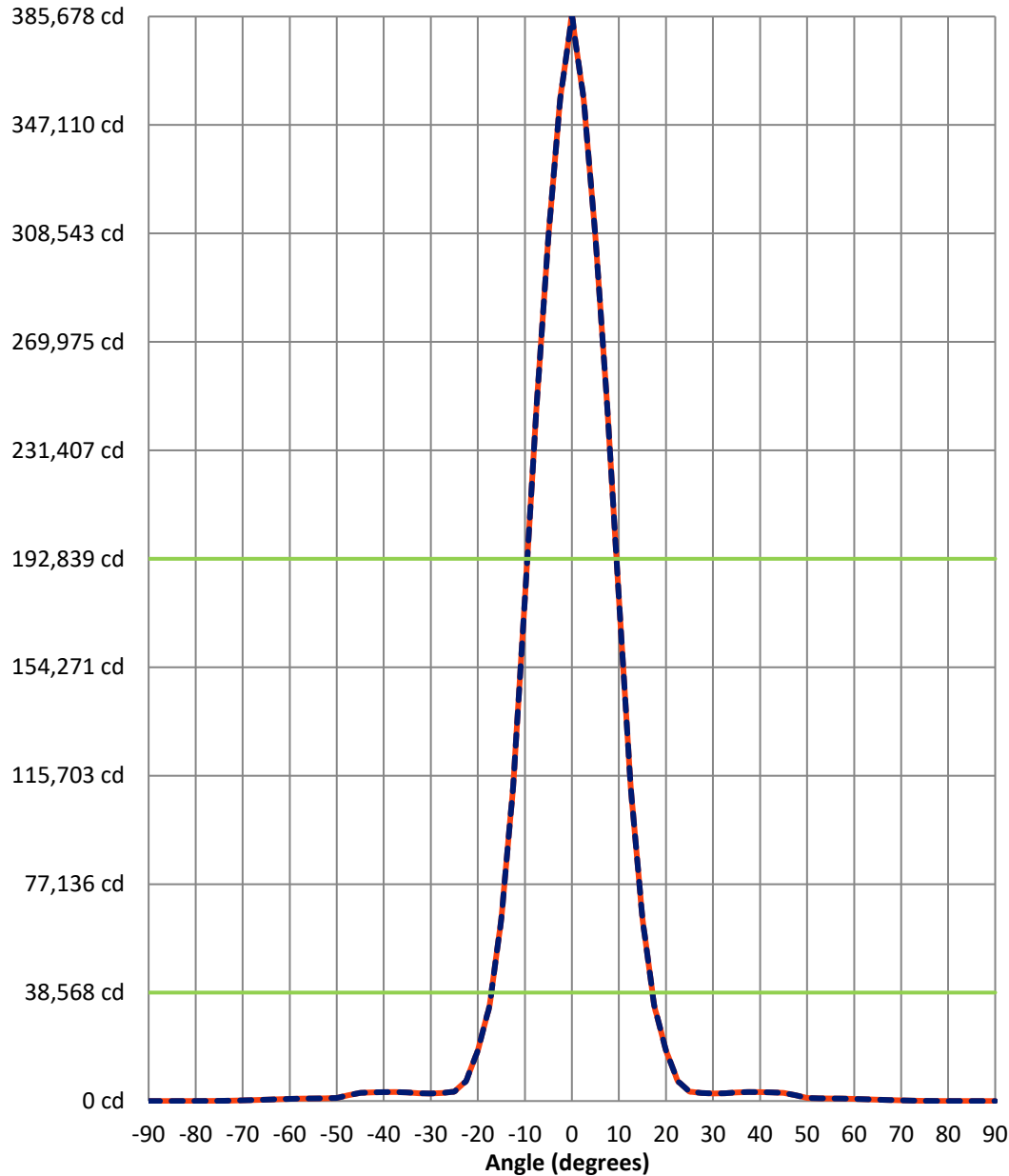
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 19°
V Angle: 19°
Lumens: 22518.8
Efficiency: 43.1%

Field:
H Angle: 34.3°
V Angle: 34.3°
Lumens: 41484.4
Efficiency: 79.4%

Spill:
Lumens: 10761.7
Efficiency: 20.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.1	4.4
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.3	4.7	5.2	5.6
77.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.5	5.1	5.7	6.2	7.0
75°	0.0	1.0	1.9	2.9	3.8	4.5	5.2	5.9	6.7	8.0	9.3
72.5°	0.0	1.1	2.2	3.3	4.3	5.1	5.9	6.9	8.5	10.0	11.6
70°	0.0	1.3	2.5	3.8	4.7	5.7	6.7	8.5	10.3	12.1	14.1
67.5°	0.0	1.4	2.8	4.1	5.2	6.2	8.0	10.0	12.1	14.4	16.7
65°	0.0	1.6	3.1	4.4	5.6	7.0	9.3	11.6	14.1	16.7	19.8
62.5°	0.0	1.7	3.4	4.8	6.1	8.1	10.6	13.3	16.1	19.3	24.1
60°	0.0	1.8	3.7	5.1	6.5	9.2	11.9	15.0	18.1	23.1	28.3
57.5°	0.0	2.0	3.9	5.4	7.3	10.2	13.3	16.7	21.1	26.8	38.8
55°	0.0	2.1	4.1	5.7	8.1	11.2	14.7	18.3	24.3	32.3	52.2
52.5°	0.0	2.3	4.3	6.0	8.8	12.2	16.1	20.9	27.5	43.9	65.1
50°	0.0	2.4	4.5	6.3	9.6	13.3	17.4	23.6	32.6	55.3	89.6
47.5°	0.0	2.5	4.7	6.6	10.3	14.4	18.8	26.1	42.3	66.3	114.6
45°	0.0	2.6	4.9	7.2	11.0	15.4	20.9	28.6	51.7	87.7	138.8
42.5°	0.0	2.7	5.0	7.6	11.7	16.4	22.9	34.2	60.7	108.5	169.1
40°	0.0	2.8	5.2	8.1	12.4	17.3	24.9	41.7	72.2	128.5	199.2
37.5°	0.0	2.9	5.3	8.6	13.1	18.2	26.7	48.8	89.0	149.3	227.9
35°	0.0	3.0	5.5	9.0	13.8	19.4	28.4	55.6	105.0	173.7	256.2
32.5°	0.0	3.1	5.6	9.4	14.4	20.8	31.2	61.9	120.0	196.7	284.4
30°	0.0	3.2	5.7	9.8	15.0	22.1	36.3	69.4	134.0	218.2	310.9
27.5°	0.0	3.3	5.9	10.1	15.5	23.2	41.0	80.7	148.8	238.3	335.6
25°	0.0	3.4	6.0	10.4	16.0	24.3	45.3	91.2	165.1	257.9	358.5
22.5°	0.0	3.4	6.1	10.7	16.5	25.3	49.3	100.7	179.9	276.5	383.6
20°	0.0	3.5	6.2	11.0	16.9	26.2	52.9	109.3	193.3	293.2	406.2
17.5°	0.0	3.5	6.2	11.2	17.3	27.0	56.0	116.9	205.2	308.1	426.4
15°	0.0	3.6	6.3	11.4	17.6	27.7	58.8	123.6	215.6	321.0	443.9
12.5°	0.0	3.6	6.4	11.6	17.9	28.3	61.1	129.2	224.5	332.1	458.9
10°	0.0	3.6	6.4	11.7	18.1	28.7	63.1	133.9	231.7	341.2	471.2
7.5°	0.0	3.7	6.5	11.9	18.3	29.1	64.6	137.5	237.4	348.3	480.8
5°	0.0	3.7	6.5	11.9	18.4	29.4	65.6	140.1	241.4	353.3	487.7
2.5°	0.0	3.7	6.5	12.0	18.5	29.5	66.3	141.7	243.9	356.4	491.8
0°	0.0	3.7	6.5	12.0	18.5	29.6	66.5	142.2	244.7	357.4	493.2
-2.5°	0.0	3.7	6.5	12.0	18.5	29.5	66.3	141.7	243.9	356.4	491.8
-5°	0.0	3.7	6.5	11.9	18.4	29.4	65.6	140.1	241.4	353.3	487.7
-7.5°	0.0	3.7	6.5	11.9	18.3	29.1	64.6	137.5	237.4	348.3	480.8
-10°	0.0	3.6	6.4	11.7	18.1	28.7	63.1	133.9	231.7	341.2	471.2
-12.5°	0.0	3.6	6.4	11.6	17.9	28.3	61.1	129.2	224.5	332.1	458.9
-15°	0.0	3.6	6.3	11.4	17.6	27.7	58.8	123.6	215.6	321.0	443.9
-17.5°	0.0	3.5	6.2	11.2	17.3	27.0	56.0	116.9	205.2	308.1	426.4
-20°	0.0	3.5	6.2	11.0	16.9	26.2	52.9	109.3	193.3	293.2	406.2



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 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	6.1	10.7	16.5	25.3	49.3	100.7	179.9	276.5	383.6
-25°	0.0	3.4	6.0	10.4	16.0	24.3	45.3	91.2	165.1	257.9	358.5
-27.5°	0.0	3.3	5.9	10.1	15.5	23.2	41.0	80.7	148.8	238.3	335.6
-30°	0.0	3.2	5.7	9.8	15.0	22.1	36.3	69.4	134.0	218.2	310.9
-32.5°	0.0	3.1	5.6	9.4	14.4	20.8	31.2	61.9	120.0	196.7	284.4
-35°	0.0	3.0	5.5	9.0	13.8	19.4	28.4	55.6	105.0	173.7	256.2
-37.5°	0.0	2.9	5.3	8.6	13.1	18.2	26.7	48.8	89.0	149.3	227.9
-40°	0.0	2.8	5.2	8.1	12.4	17.3	24.9	41.7	72.2	128.5	199.2
-42.5°	0.0	2.7	5.0	7.6	11.7	16.4	22.9	34.2	60.7	108.5	169.1
-45°	0.0	2.6	4.9	7.2	11.0	15.4	20.9	28.6	51.7	87.7	138.8
-47.5°	0.0	2.5	4.7	6.6	10.3	14.4	18.8	26.1	42.3	66.3	114.6
-50°	0.0	2.4	4.5	6.3	9.6	13.3	17.4	23.6	32.6	55.3	89.6
-52.5°	0.0	2.3	4.3	6.0	8.8	12.2	16.1	20.9	27.5	43.9	65.1
-55°	0.0	2.1	4.1	5.7	8.1	11.2	14.7	18.3	24.3	32.3	52.2
-57.5°	0.0	2.0	3.9	5.4	7.3	10.2	13.3	16.7	21.1	26.8	38.8
-60°	0.0	1.8	3.7	5.1	6.5	9.2	11.9	15.0	18.1	23.1	28.3
-62.5°	0.0	1.7	3.4	4.8	6.1	8.1	10.6	13.3	16.1	19.3	24.1
-65°	0.0	1.6	3.1	4.4	5.6	7.0	9.3	11.6	14.1	16.7	19.8
-67.5°	0.0	1.4	2.8	4.1	5.2	6.2	8.0	10.0	12.1	14.4	16.7
-70°	0.0	1.3	2.5	3.8	4.7	5.7	6.7	8.5	10.3	12.1	14.1
-72.5°	0.0	1.1	2.2	3.3	4.3	5.1	5.9	6.9	8.5	10.0	11.6
-75°	0.0	1.0	1.9	2.9	3.8	4.5	5.2	5.9	6.7	8.0	9.3
-77.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.5	5.1	5.7	6.2	7.0
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.3	4.7	5.2	5.6
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.1	4.4
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
85°	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.3
82.5°	4.8	5.1	5.4	5.7	6.0	6.3	6.6	7.2	7.6	8.1	8.6
80°	6.1	6.5	7.3	8.1	8.8	9.6	10.3	11.0	11.7	12.4	13.1
77.5°	8.1	9.2	10.2	11.2	12.2	13.3	14.4	15.4	16.4	17.3	18.2
75°	10.6	11.9	13.3	14.7	16.1	17.4	18.8	20.9	22.9	24.9	26.7
72.5°	13.3	15.0	16.7	18.3	20.9	23.6	26.1	28.6	34.2	41.7	48.8
70°	16.1	18.1	21.1	24.3	27.5	32.6	42.3	51.7	60.7	72.2	89.0
67.5°	19.3	23.1	26.8	32.3	43.9	55.3	66.3	87.7	108.5	128.5	149.3
65°	24.1	28.3	38.8	52.2	65.1	89.6	114.6	138.8	169.1	199.2	227.9
62.5°	28.8	42.1	57.1	77.3	106.6	135.1	170.0	206.0	240.7	276.9	311.8
60°	42.1	58.8	84.2	116.9	151.3	193.3	234.1	276.5	318.3	358.5	404.7
57.5°	57.1	84.2	120.4	160.6	207.5	253.9	302.6	349.7	402.9	455.5	506.2
55°	77.3	116.9	160.6	212.2	264.4	318.4	373.7	434.9	494.1	553.0	609.3
52.5°	106.6	151.3	207.5	264.4	323.7	386.5	454.4	521.1	586.9	649.1	705.4
50°	135.1	193.3	253.9	318.4	386.5	460.9	534.7	607.4	674.7	737.7	793.8
47.5°	170.0	234.1	302.6	373.7	454.4	534.7	614.3	687.6	757.2	816.8	873.3
45°	206.0	276.5	349.7	434.9	521.1	607.4	687.6	763.8	828.4	881.8	901.4
42.5°	240.7	318.3	402.9	494.1	586.9	674.7	757.2	828.4	883.7	905.3	930.2
40°	276.9	358.5	455.5	553.0	649.1	737.7	816.8	881.8	905.3	932.9	962.7
37.5°	311.8	404.7	506.2	609.3	705.4	793.8	873.3	901.4	930.2	962.7	1052.1
35°	345.0	448.6	555.7	660.9	759.2	844.3	893.7	922.2	957.3	1043.9	1317.0
32.5°	380.2	490.0	602.5	708.1	804.3	882.2	910.4	946.4	1019.6	1205.8	1886.7
30°	415.6	530.2	645.6	752.6	846.3	897.0	930.4	979.4	1091.4	1716.7	2377.3
27.5°	448.6	567.8	683.8	790.2	880.1	910.8	950.6	1042.7	1437.3	2181.7	2814.3
25°	479.0	602.5	719.1	823.8	891.9	926.9	979.1	1101.7	1859.5	2565.3	2971.5
22.5°	507.4	634.2	751.4	854.7	902.8	942.9	1029.6	1416.9	2224.6	2908.1	3051.3
20°	533.4	660.9	778.5	879.1	912.7	957.4	1075.6	1747.9	2527.1	2976.2	3105.5
17.5°	556.5	684.7	801.3	887.2	924.1	982.3	1154.7	2045.2	2799.5	3037.6	3145.5
15°	576.8	705.4	821.3	894.3	934.6	1015.6	1396.0	2272.5	2932.8	3085.8	3180.2
12.5°	594.0	723.1	838.3	900.3	943.5	1044.1	1602.7	2462.7	2975.9	3114.0	3189.8
10°	608.2	737.7	852.3	905.3	950.9	1067.7	1773.7	2620.2	3011.7	3137.4	3197.7
7.5°	619.3	749.1	863.2	909.2	956.7	1086.2	1907.8	2743.9	3039.8	3155.9	3204.0
5°	627.2	757.2	871.1	912.0	960.9	1099.4	2004.2	2833.0	3060.1	3169.2	3208.5
2.5°	632.0	762.2	875.8	913.7	963.4	1107.4	2062.3	2886.7	3072.3	3177.2	3211.3
0°	633.6	763.8	877.4	914.3	964.2	1110.1	2081.7	2904.6	3076.4	3179.9	3212.2
-2.5°	632.0	762.2	875.8	913.7	963.4	1107.4	2062.3	2886.7	3072.3	3177.2	3211.3
-5°	627.2	757.2	871.1	912.0	960.9	1099.4	2004.2	2833.0	3060.1	3169.2	3208.5
-7.5°	619.3	749.1	863.2	909.2	956.7	1086.2	1907.8	2743.9	3039.8	3155.9	3204.0
-10°	608.2	737.7	852.3	905.3	950.9	1067.7	1773.7	2620.2	3011.7	3137.4	3197.7
-12.5°	594.0	723.1	838.3	900.3	943.5	1044.1	1602.7	2462.7	2975.9	3114.0	3189.8
-15°	576.8	705.4	821.3	894.3	934.6	1015.6	1396.0	2272.5	2932.8	3085.8	3180.2
-17.5°	556.5	684.7	801.3	887.2	924.1	982.3	1154.7	2045.2	2799.5	3037.6	3145.5
-20°	533.4	660.9	778.5	879.1	912.7	957.4	1075.6	1747.9	2527.1	2976.2	3105.5



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	507.4	634.2	751.4	854.7	902.8	942.9	1029.6	1416.9	2224.6	2908.1	3051.3
-25°	479.0	602.5	719.1	823.8	891.9	926.9	979.1	1101.7	1859.5	2565.3	2971.5
-27.5°	448.6	567.8	683.8	790.2	880.1	910.8	950.6	1042.7	1437.3	2181.7	2814.3
-30°	415.6	530.2	645.6	752.6	846.3	897.0	930.4	979.4	1091.4	1716.7	2377.3
-32.5°	380.2	490.0	602.5	708.1	804.3	882.2	910.4	946.4	1019.6	1205.8	1886.7
-35°	345.0	448.6	555.7	660.9	759.2	844.3	893.7	922.2	957.3	1043.9	1317.0
-37.5°	311.8	404.7	506.2	609.3	705.4	793.8	873.3	901.4	930.2	962.7	1052.1
-40°	276.9	358.5	455.5	553.0	649.1	737.7	816.8	881.8	905.3	932.9	962.7
-42.5°	240.7	318.3	402.9	494.1	586.9	674.7	757.2	828.4	883.7	905.3	930.2
-45°	206.0	276.5	349.7	434.9	521.1	607.4	687.6	763.8	828.4	881.8	901.4
-47.5°	170.0	234.1	302.6	373.7	454.4	534.7	614.3	687.6	757.2	816.8	873.3
-50°	135.1	193.3	253.9	318.4	386.5	460.9	534.7	607.4	674.7	737.7	793.8
-52.5°	106.6	151.3	207.5	264.4	323.7	386.5	454.4	521.1	586.9	649.1	705.4
-55°	77.3	116.9	160.6	212.2	264.4	318.4	373.7	434.9	494.1	553.0	609.3
-57.5°	57.1	84.2	120.4	160.6	207.5	253.9	302.6	349.7	402.9	455.5	506.2
-60°	42.1	58.8	84.2	116.9	151.3	193.3	234.1	276.5	318.3	358.5	404.7
-62.5°	28.8	42.1	57.1	77.3	106.6	135.1	170.0	206.0	240.7	276.9	311.8
-65°	24.1	28.3	38.8	52.2	65.1	89.6	114.6	138.8	169.1	199.2	227.9
-67.5°	19.3	23.1	26.8	32.3	43.9	55.3	66.3	87.7	108.5	128.5	149.3
-70°	16.1	18.1	21.1	24.3	27.5	32.6	42.3	51.7	60.7	72.2	89.0
-72.5°	13.3	15.0	16.7	18.3	20.9	23.6	26.1	28.6	34.2	41.7	48.8
-75°	10.6	11.9	13.3	14.7	16.1	17.4	18.8	20.9	22.9	24.9	26.7
-77.5°	8.1	9.2	10.2	11.2	12.2	13.3	14.4	15.4	16.4	17.3	18.2
-80°	6.1	6.5	7.3	8.1	8.8	9.6	10.3	11.0	11.7	12.4	13.1
-82.5°	4.8	5.1	5.4	5.7	6.0	6.3	6.6	7.2	7.6	8.1	8.6
-85°	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.3
-87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6
85°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.4
82.5°	9.0	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.6	11.7
80°	13.8	14.4	15.0	15.5	16.0	16.5	16.9	17.3	17.6	17.9	18.1
77.5°	19.4	20.8	22.1	23.2	24.3	25.3	26.2	27.0	27.7	28.3	28.7
75°	28.4	31.2	36.3	41.0	45.3	49.3	52.9	56.0	58.8	61.1	63.1
72.5°	55.6	61.9	69.4	80.7	91.2	100.7	109.3	116.9	123.6	129.2	133.9
70°	105.0	120.0	134.0	148.8	165.1	179.9	193.3	205.2	215.6	224.5	231.7
67.5°	173.7	196.7	218.2	238.3	257.9	276.5	293.2	308.1	321.0	332.1	341.2
65°	256.2	284.4	310.9	335.6	358.5	383.6	406.2	426.4	443.9	458.9	471.2
62.5°	345.0	380.2	415.6	448.6	479.0	507.4	533.4	556.5	576.8	594.0	608.2
60°	448.6	490.0	530.2	567.8	602.5	634.2	660.9	684.7	705.4	723.1	737.7
57.5°	555.7	602.5	645.6	683.8	719.1	751.4	778.5	801.3	821.3	838.3	852.3
55°	660.9	708.1	752.6	790.2	823.8	854.7	879.1	887.2	894.3	900.3	905.3
52.5°	759.2	804.3	846.3	880.1	891.9	902.8	912.7	924.1	934.6	943.5	950.9
50°	844.3	882.2	897.0	910.8	926.9	942.9	957.4	982.3	1015.6	1044.1	1067.7
47.5°	893.7	910.4	930.4	950.6	979.1	1029.6	1075.6	1154.7	1396.0	1602.7	1773.7
45°	922.2	946.4	979.4	1042.7	1101.7	1416.9	1747.9	2045.2	2272.5	2462.7	2620.2
42.5°	957.3	1019.6	1091.4	1437.3	1859.5	2224.6	2527.1	2799.5	2932.8	2975.9	3011.7
40°	1043.9	1205.8	1716.7	2181.7	2565.3	2908.1	2976.2	3037.6	3085.8	3114.0	3137.4
37.5°	1317.0	1886.7	2377.3	2814.3	2971.5	3051.3	3105.5	3145.5	3180.2	3189.8	3197.7
35°	1943.8	2476.3	2917.4	3014.7	3094.5	3146.1	3184.2	3197.7	3209.6	3175.3	3134.4
32.5°	2476.3	2928.1	3036.5	3114.7	3173.7	3195.2	3211.2	3148.3	3087.0	3009.7	2923.7
30°	2917.4	3036.5	3121.5	3182.4	3202.0	3173.2	3092.2	2979.4	2851.4	2759.4	2735.4
27.5°	3014.7	3114.7	3182.4	3204.3	3151.0	3055.8	2888.1	2757.9	2722.5	2691.4	2755.1
25°	3094.5	3173.7	3202.0	3151.0	3033.4	2841.5	2739.4	2697.0	2771.4	2854.4	3009.6
22.5°	3146.1	3195.2	3173.2	3055.8	2841.5	2733.2	2709.3	2821.4	3006.1	3248.6	4090.8
20°	3184.2	3211.2	3092.2	2888.1	2739.4	2709.3	2838.3	3101.0	3641.8	5699.8	8135.1
17.5°	3197.7	3148.3	2979.4	2757.9	2697.0	2821.4	3101.0	4035.1	6534.0	11951.2	17666.1
15°	3209.6	3087.0	2851.4	2722.5	2771.4	3006.1	3641.8	6534.0	13260.1	21627.8	31023.4
12.5°	3175.3	3009.7	2759.4	2691.4	2854.4	3248.6	5699.8	11951.2	21627.8	33305.4	53085.4
10°	3134.4	2923.7	2735.4	2755.1	3009.6	4090.8	8135.1	17666.1	31023.4	53085.4	79940.3
7.5°	3102.1	2855.6	2716.4	2806.4	3160.6	5388.1	12323.2	24442.4	43500.6	72551.6	112248.5
5°	3078.7	2806.1	2702.5	2843.8	3271.4	6344.5	15434.8	29649.4	55124.9	92200.3	145150.2
2.5°	3064.5	2776.1	2694.1	2866.5	3339.0	6931.3	17354.8	32888.7	62443.8	106367.0	169765.0
0°	3059.8	2766.1	2691.3	2874.2	3361.8	7129.1	18004.2	33989.4	64947.6	111742.4	178557.4
-2.5°	3064.5	2776.1	2694.1	2866.5	3339.0	6931.3	17354.8	32888.7	62443.8	106367.0	169765.0
-5°	3078.7	2806.1	2702.5	2843.8	3271.4	6344.5	15434.8	29649.4	55124.9	92200.3	145150.2
-7.5°	3102.1	2855.6	2716.4	2806.4	3160.6	5388.1	12323.2	24442.4	43500.6	72551.6	112248.5
-10°	3134.4	2923.7	2735.4	2755.1	3009.6	4090.8	8135.1	17666.1	31023.4	53085.4	79940.3
-12.5°	3175.3	3009.7	2759.4	2691.4	2854.4	3248.6	5699.8	11951.2	21627.8	33305.4	53085.4
-15°	3209.6	3087.0	2851.4	2722.5	2771.4	3006.1	3641.8	6534.0	13260.1	21627.8	31023.4
-17.5°	3197.7	3148.3	2979.4	2757.9	2697.0	2821.4	3101.0	4035.1	6534.0	11951.2	17666.1
-20°	3184.2	3211.2	3092.2	2888.1	2739.4	2709.3	2838.3	3101.0	3641.8	5699.8	8135.1



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3146.1	3195.2	3173.2	3055.8	2841.5	2733.2	2709.3	2821.4	3006.1	3248.6	4090.8
-25°	3094.5	3173.7	3202.0	3151.0	3033.4	2841.5	2739.4	2697.0	2771.4	2854.4	3009.6
-27.5°	3014.7	3114.7	3182.4	3204.3	3151.0	3055.8	2888.1	2757.9	2722.5	2691.4	2755.1
-30°	2917.4	3036.5	3121.5	3182.4	3202.0	3173.2	3092.2	2979.4	2851.4	2759.4	2735.4
-32.5°	2476.3	2928.1	3036.5	3114.7	3173.7	3195.2	3211.2	3148.3	3087.0	3009.7	2923.7
-35°	1943.8	2476.3	2917.4	3014.7	3094.5	3146.1	3184.2	3197.7	3209.6	3175.3	3134.4
-37.5°	1317.0	1886.7	2377.3	2814.3	2971.5	3051.3	3105.5	3145.5	3180.2	3189.8	3197.7
-40°	1043.9	1205.8	1716.7	2181.7	2565.3	2908.1	2976.2	3037.6	3085.8	3114.0	3137.4
-42.5°	957.3	1019.6	1091.4	1437.3	1859.5	2224.6	2527.1	2799.5	2932.8	2975.9	3011.7
-45°	922.2	946.4	979.4	1042.7	1101.7	1416.9	1747.9	2045.2	2272.5	2462.7	2620.2
-47.5°	893.7	910.4	930.4	950.6	979.1	1029.6	1075.6	1154.7	1396.0	1602.7	1773.7
-50°	844.3	882.2	897.0	910.8	926.9	942.9	957.4	982.3	1015.6	1044.1	1067.7
-52.5°	759.2	804.3	846.3	880.1	891.9	902.8	912.7	924.1	934.6	943.5	950.9
-55°	660.9	708.1	752.6	790.2	823.8	854.7	879.1	887.2	894.3	900.3	905.3
-57.5°	555.7	602.5	645.6	683.8	719.1	751.4	778.5	801.3	821.3	838.3	852.3
-60°	448.6	490.0	530.2	567.8	602.5	634.2	660.9	684.7	705.4	723.1	737.7
-62.5°	345.0	380.2	415.6	448.6	479.0	507.4	533.4	556.5	576.8	594.0	608.2
-65°	256.2	284.4	310.9	335.6	358.5	383.6	406.2	426.4	443.9	458.9	471.2
-67.5°	173.7	196.7	218.2	238.3	257.9	276.5	293.2	308.1	321.0	332.1	341.2
-70°	105.0	120.0	134.0	148.8	165.1	179.9	193.3	205.2	215.6	224.5	231.7
-72.5°	55.6	61.9	69.4	80.7	91.2	100.7	109.3	116.9	123.6	129.2	133.9
-75°	28.4	31.2	36.3	41.0	45.3	49.3	52.9	56.0	58.8	61.1	63.1
-77.5°	19.4	20.8	22.1	23.2	24.3	25.3	26.2	27.0	27.7	28.3	28.7
-80°	13.8	14.4	15.0	15.5	16.0	16.5	16.9	17.3	17.6	17.9	18.1
-82.5°	9.0	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.6	11.7
-85°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.4
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
85°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2
82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.7	11.6	11.4	11.2
80°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.1	17.9	17.6	17.3
77.5°	29.1	29.4	29.5	29.6	29.5	29.4	29.1	28.7	28.3	27.7	27.0
75°	64.6	65.6	66.3	66.5	66.3	65.6	64.6	63.1	61.1	58.8	56.0
72.5°	137.5	140.1	141.7	142.2	141.7	140.1	137.5	133.9	129.2	123.6	116.9
70°	237.4	241.4	243.9	244.7	243.9	241.4	237.4	231.7	224.5	215.6	205.2
67.5°	348.3	353.3	356.4	357.4	356.4	353.3	348.3	341.2	332.1	321.0	308.1
65°	480.8	487.7	491.8	493.2	491.8	487.7	480.8	471.2	458.9	443.9	426.4
62.5°	619.3	627.2	632.0	633.6	632.0	627.2	619.3	608.2	594.0	576.8	556.5
60°	749.1	757.2	762.2	763.8	762.2	757.2	749.1	737.7	723.1	705.4	684.7
57.5°	863.2	871.1	875.8	877.4	875.8	871.1	863.2	852.3	838.3	821.3	801.3
55°	909.2	912.0	913.7	914.3	913.7	912.0	909.2	905.3	900.3	894.3	887.2
52.5°	956.7	960.9	963.4	964.2	963.4	960.9	956.7	950.9	943.5	934.6	924.1
50°	1086.2	1099.4	1107.4	1110.1	1107.4	1099.4	1086.2	1067.7	1044.1	1015.6	982.3
47.5°	1907.8	2004.2	2062.3	2081.7	2062.3	2004.2	1907.8	1773.7	1602.7	1396.0	1154.7
45°	2743.9	2833.0	2886.7	2904.6	2886.7	2833.0	2743.9	2620.2	2462.7	2272.5	2045.2
42.5°	3039.8	3060.1	3072.3	3076.4	3072.3	3060.1	3039.8	3011.7	2975.9	2932.8	2799.5
40°	3155.9	3169.2	3177.2	3179.9	3177.2	3169.2	3155.9	3137.4	3114.0	3085.8	3037.6
37.5°	3204.0	3208.5	3211.3	3212.2	3211.3	3208.5	3204.0	3197.7	3189.8	3180.2	3145.5
35°	3102.1	3078.7	3064.5	3059.8	3064.5	3078.7	3102.1	3134.4	3175.3	3209.6	3197.7
32.5°	2855.6	2806.1	2776.1	2766.1	2776.1	2806.1	2855.6	2923.7	3009.7	3087.0	3148.3
30°	2716.4	2702.5	2694.1	2691.3	2694.1	2702.5	2716.4	2735.4	2759.4	2851.4	2979.4
27.5°	2806.4	2843.8	2866.5	2874.2	2866.5	2843.8	2806.4	2755.1	2691.4	2722.5	2757.9
25°	3160.6	3271.4	3339.0	3361.8	3339.0	3271.4	3160.6	3009.6	2854.4	2771.4	2697.0
22.5°	5388.1	6344.5	6931.3	7129.1	6931.3	6344.5	5388.1	4090.8	3248.6	3006.1	2821.4
20°	12323.2	15434.8	17354.8	18004.2	17354.8	15434.8	12323.2	8135.1	5699.8	3641.8	3101.0
17.5°	24442.4	29649.4	32888.7	33989.4	32888.7	29649.4	24442.4	17666.1	11951.2	6534.0	4035.1
15°	43500.6	55124.9	62443.8	64947.6	62443.8	55124.9	43500.6	31023.4	21627.8	13260.1	6534.0
12.5°	72551.6	92200.3	106367.0	111742.4	106367.0	92200.3	72551.6	53085.4	33305.4	21627.8	11951.2
10°	112248.5	145150.2	169765.0	178557.4	169765.0	145150.2	112248.5	79940.3	53085.4	31023.4	17666.1
7.5°	161490.5	205711.7	236784.0	247363.2	236784.0	205711.7	161490.5	112248.5	72551.6	43500.6	24442.4
5°	205711.7	258728.9	294190.2	307308.3	294190.2	258728.9	205711.7	145150.2	92200.3	55124.9	29649.4
2.5°	236784.0	294190.2	336267.7	356219.4	336267.7	294190.2	236784.0	169765.0	106367.0	62443.8	32888.7
0°	247363.2	307308.3	356219.4	385678.2	356219.4	307308.3	247363.2	178557.4	111742.4	64947.6	33989.4
-2.5°	236784.0	294190.2	336267.7	356219.4	336267.7	294190.2	236784.0	169765.0	106367.0	62443.8	32888.7
-5°	205711.7	258728.9	294190.2	307308.3	294190.2	258728.9	205711.7	145150.2	92200.3	55124.9	29649.4
-7.5°	161490.5	205711.7	236784.0	247363.2	236784.0	205711.7	161490.5	112248.5	72551.6	43500.6	24442.4
-10°	112248.5	145150.2	169765.0	178557.4	169765.0	145150.2	112248.5	79940.3	53085.4	31023.4	17666.1
-12.5°	72551.6	92200.3	106367.0	111742.4	106367.0	92200.3	72551.6	53085.4	33305.4	21627.8	11951.2
-15°	43500.6	55124.9	62443.8	64947.6	62443.8	55124.9	43500.6	31023.4	21627.8	13260.1	6534.0
-17.5°	24442.4	29649.4	32888.7	33989.4	32888.7	29649.4	24442.4	17666.1	11951.2	6534.0	4035.1
-20°	12323.2	15434.8	17354.8	18004.2	17354.8	15434.8	12323.2	8135.1	5699.8	3641.8	3101.0



REPORT NUMBER: P1305371 (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°	5388.1	6344.5	6931.3	7129.1	6931.3	6344.5	5388.1	4090.8	3248.6	3006.1	2821.4
-25°	3160.6	3271.4	3339.0	3361.8	3339.0	3271.4	3160.6	3009.6	2854.4	2771.4	2697.0
-27.5°	2806.4	2843.8	2866.5	2874.2	2866.5	2843.8	2806.4	2755.1	2691.4	2722.5	2757.9
-30°	2716.4	2702.5	2694.1	2691.3	2694.1	2702.5	2716.4	2735.4	2759.4	2851.4	2979.4
-32.5°	2855.6	2806.1	2776.1	2766.1	2776.1	2806.1	2855.6	2923.7	3009.7	3087.0	3148.3
-35°	3102.1	3078.7	3064.5	3059.8	3064.5	3078.7	3102.1	3134.4	3175.3	3209.6	3197.7
-37.5°	3204.0	3208.5	3211.3	3212.2	3211.3	3208.5	3204.0	3197.7	3189.8	3180.2	3145.5
-40°	3155.9	3169.2	3177.2	3179.9	3177.2	3169.2	3155.9	3137.4	3114.0	3085.8	3037.6
-42.5°	3039.8	3060.1	3072.3	3076.4	3072.3	3060.1	3039.8	3011.7	2975.9	2932.8	2799.5
-45°	2743.9	2833.0	2886.7	2904.6	2886.7	2833.0	2743.9	2620.2	2462.7	2272.5	2045.2
-47.5°	1907.8	2004.2	2062.3	2081.7	2062.3	2004.2	1907.8	1773.7	1602.7	1396.0	1154.7
-50°	1086.2	1099.4	1107.4	1110.1	1107.4	1099.4	1086.2	1067.7	1044.1	1015.6	982.3
-52.5°	956.7	960.9	963.4	964.2	963.4	960.9	956.7	950.9	943.5	934.6	924.1
-55°	909.2	912.0	913.7	914.3	913.7	912.0	909.2	905.3	900.3	894.3	887.2
-57.5°	863.2	871.1	875.8	877.4	875.8	871.1	863.2	852.3	838.3	821.3	801.3
-60°	749.1	757.2	762.2	763.8	762.2	757.2	749.1	737.7	723.1	705.4	684.7
-62.5°	619.3	627.2	632.0	633.6	632.0	627.2	619.3	608.2	594.0	576.8	556.5
-65°	480.8	487.7	491.8	493.2	491.8	487.7	480.8	471.2	458.9	443.9	426.4
-67.5°	348.3	353.3	356.4	357.4	356.4	353.3	348.3	341.2	332.1	321.0	308.1
-70°	237.4	241.4	243.9	244.7	243.9	241.4	237.4	231.7	224.5	215.6	205.2
-72.5°	137.5	140.1	141.7	142.2	141.7	140.1	137.5	133.9	129.2	123.6	116.9
-75°	64.6	65.6	66.3	66.5	66.3	65.6	64.6	63.1	61.1	58.8	56.0
-77.5°	29.1	29.4	29.5	29.6	29.5	29.4	29.1	28.7	28.3	27.7	27.0
-80°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.1	17.9	17.6	17.3
-82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.7	11.6	11.4	11.2
-85°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305371 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.0	4.9
82.5°	11.0	10.7	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.2
80°	16.9	16.5	16.0	15.5	15.0	14.4	13.8	13.1	12.4	11.7	11.0
77.5°	26.2	25.3	24.3	23.2	22.1	20.8	19.4	18.2	17.3	16.4	15.4
75°	52.9	49.3	45.3	41.0	36.3	31.2	28.4	26.7	24.9	22.9	20.9
72.5°	109.3	100.7	91.2	80.7	69.4	61.9	55.6	48.8	41.7	34.2	28.6
70°	193.3	179.9	165.1	148.8	134.0	120.0	105.0	89.0	72.2	60.7	51.7
67.5°	293.2	276.5	257.9	238.3	218.2	196.7	173.7	149.3	128.5	108.5	87.7
65°	406.2	383.6	358.5	335.6	310.9	284.4	256.2	227.9	199.2	169.1	138.8
62.5°	533.4	507.4	479.0	448.6	415.6	380.2	345.0	311.8	276.9	240.7	206.0
60°	660.9	634.2	602.5	567.8	530.2	490.0	448.6	404.7	358.5	318.3	276.5
57.5°	778.5	751.4	719.1	683.8	645.6	602.5	555.7	506.2	455.5	402.9	349.7
55°	879.1	854.7	823.8	790.2	752.6	708.1	660.9	609.3	553.0	494.1	434.9
52.5°	912.7	902.8	891.9	880.1	846.3	804.3	759.2	705.4	649.1	586.9	521.1
50°	957.4	942.9	926.9	910.8	897.0	882.2	844.3	793.8	737.7	674.7	607.4
47.5°	1075.6	1029.6	979.1	950.6	930.4	910.4	893.7	873.3	816.8	757.2	687.6
45°	1747.9	1416.9	1101.7	1042.7	979.4	946.4	922.2	901.4	881.8	828.4	763.8
42.5°	2527.1	2224.6	1859.5	1437.3	1091.4	1019.6	957.3	930.2	905.3	883.7	828.4
40°	2976.2	2908.1	2565.3	2181.7	1716.7	1205.8	1043.9	962.7	932.9	905.3	881.8
37.5°	3105.5	3051.3	2971.5	2814.3	2377.3	1886.7	1317.0	1052.1	962.7	930.2	901.4
35°	3184.2	3146.1	3094.5	3014.7	2917.4	2476.3	1943.8	1317.0	1043.9	957.3	922.2
32.5°	3211.2	3195.2	3173.7	3114.7	3036.5	2928.1	2476.3	1886.7	1205.8	1019.6	946.4
30°	3092.2	3173.2	3202.0	3182.4	3121.5	3036.5	2917.4	2377.3	1716.7	1091.4	979.4
27.5°	2888.1	3055.8	3151.0	3204.3	3182.4	3114.7	3014.7	2814.3	2181.7	1437.3	1042.7
25°	2739.4	2841.5	3033.4	3151.0	3202.0	3173.7	3094.5	2971.5	2565.3	1859.5	1101.7
22.5°	2709.3	2733.2	2841.5	3055.8	3173.2	3195.2	3146.1	3051.3	2908.1	2224.6	1416.9
20°	2838.3	2709.3	2739.4	2888.1	3092.2	3211.2	3184.2	3105.5	2976.2	2527.1	1747.9
17.5°	3101.0	2821.4	2697.0	2757.9	2979.4	3148.3	3197.7	3145.5	3037.6	2799.5	2045.2
15°	3641.8	3006.1	2771.4	2722.5	2851.4	3087.0	3209.6	3180.2	3085.8	2932.8	2272.5
12.5°	5699.8	3248.6	2854.4	2691.4	2759.4	3009.7	3175.3	3189.8	3114.0	2975.9	2462.7
10°	8135.1	4090.8	3009.6	2755.1	2735.4	2923.7	3134.4	3197.7	3137.4	3011.7	2620.2
7.5°	12323.2	5388.1	3160.6	2806.4	2716.4	2855.6	3102.1	3204.0	3155.9	3039.8	2743.9
5°	15434.8	6344.5	3271.4	2843.8	2702.5	2806.1	3078.7	3208.5	3169.2	3060.1	2833.0
2.5°	17354.8	6931.3	3339.0	2866.5	2694.1	2776.1	3064.5	3211.3	3177.2	3072.3	2886.7
0°	18004.2	7129.1	3361.8	2874.2	2691.3	2766.1	3059.8	3212.2	3179.9	3076.4	2904.6
-2.5°	17354.8	6931.3	3339.0	2866.5	2694.1	2776.1	3064.5	3211.3	3177.2	3072.3	2886.7
-5°	15434.8	6344.5	3271.4	2843.8	2702.5	2806.1	3078.7	3208.5	3169.2	3060.1	2833.0
-7.5°	12323.2	5388.1	3160.6	2806.4	2716.4	2855.6	3102.1	3204.0	3155.9	3039.8	2743.9
-10°	8135.1	4090.8	3009.6	2755.1	2735.4	2923.7	3134.4	3197.7	3137.4	3011.7	2620.2
-12.5°	5699.8	3248.6	2854.4	2691.4	2759.4	3009.7	3175.3	3189.8	3114.0	2975.9	2462.7
-15°	3641.8	3006.1	2771.4	2722.5	2851.4	3087.0	3209.6	3180.2	3085.8	2932.8	2272.5
-17.5°	3101.0	2821.4	2697.0	2757.9	2979.4	3148.3	3197.7	3145.5	3037.6	2799.5	2045.2
-20°	2838.3	2709.3	2739.4	2888.1	3092.2	3211.2	3184.2	3105.5	2976.2	2527.1	1747.9



REPORT NUMBER: P1305371 (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°	2709.3	2733.2	2841.5	3055.8	3173.2	3195.2	3146.1	3051.3	2908.1	2224.6	1416.9
-25°	2739.4	2841.5	3033.4	3151.0	3202.0	3173.7	3094.5	2971.5	2565.3	1859.5	1101.7
-27.5°	2888.1	3055.8	3151.0	3204.3	3182.4	3114.7	3014.7	2814.3	2181.7	1437.3	1042.7
-30°	3092.2	3173.2	3202.0	3182.4	3121.5	3036.5	2917.4	2377.3	1716.7	1091.4	979.4
-32.5°	3211.2	3195.2	3173.7	3114.7	3036.5	2928.1	2476.3	1886.7	1205.8	1019.6	946.4
-35°	3184.2	3146.1	3094.5	3014.7	2917.4	2476.3	1943.8	1317.0	1043.9	957.3	922.2
-37.5°	3105.5	3051.3	2971.5	2814.3	2377.3	1886.7	1317.0	1052.1	962.7	930.2	901.4
-40°	2976.2	2908.1	2565.3	2181.7	1716.7	1205.8	1043.9	962.7	932.9	905.3	881.8
-42.5°	2527.1	2224.6	1859.5	1437.3	1091.4	1019.6	957.3	930.2	905.3	883.7	828.4
-45°	1747.9	1416.9	1101.7	1042.7	979.4	946.4	922.2	901.4	881.8	828.4	763.8
-47.5°	1075.6	1029.6	979.1	950.6	930.4	910.4	893.7	873.3	816.8	757.2	687.6
-50°	957.4	942.9	926.9	910.8	897.0	882.2	844.3	793.8	737.7	674.7	607.4
-52.5°	912.7	902.8	891.9	880.1	846.3	804.3	759.2	705.4	649.1	586.9	521.1
-55°	879.1	854.7	823.8	790.2	752.6	708.1	660.9	609.3	553.0	494.1	434.9
-57.5°	778.5	751.4	719.1	683.8	645.6	602.5	555.7	506.2	455.5	402.9	349.7
-60°	660.9	634.2	602.5	567.8	530.2	490.0	448.6	404.7	358.5	318.3	276.5
-62.5°	533.4	507.4	479.0	448.6	415.6	380.2	345.0	311.8	276.9	240.7	206.0
-65°	406.2	383.6	358.5	335.6	310.9	284.4	256.2	227.9	199.2	169.1	138.8
-67.5°	293.2	276.5	257.9	238.3	218.2	196.7	173.7	149.3	128.5	108.5	87.7
-70°	193.3	179.9	165.1	148.8	134.0	120.0	105.0	89.0	72.2	60.7	51.7
-72.5°	109.3	100.7	91.2	80.7	69.4	61.9	55.6	48.8	41.7	34.2	28.6
-75°	52.9	49.3	45.3	41.0	36.3	31.2	28.4	26.7	24.9	22.9	20.9
-77.5°	26.2	25.3	24.3	23.2	22.1	20.8	19.4	18.2	17.3	16.4	15.4
-80°	16.9	16.5	16.0	15.5	15.0	14.4	13.8	13.1	12.4	11.7	11.0
-82.5°	11.0	10.7	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.2
-85°	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.0	4.9
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
85°	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.2
82.5°	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3
80°	10.3	9.6	8.8	8.1	7.3	6.5	6.1	5.6	5.2	4.7	4.3
77.5°	14.4	13.3	12.2	11.2	10.2	9.2	8.1	7.0	6.2	5.7	5.1
75°	18.8	17.4	16.1	14.7	13.3	11.9	10.6	9.3	8.0	6.7	5.9
72.5°	26.1	23.6	20.9	18.3	16.7	15.0	13.3	11.6	10.0	8.5	6.9
70°	42.3	32.6	27.5	24.3	21.1	18.1	16.1	14.1	12.1	10.3	8.5
67.5°	66.3	55.3	43.9	32.3	26.8	23.1	19.3	16.7	14.4	12.1	10.0
65°	114.6	89.6	65.1	52.2	38.8	28.3	24.1	19.8	16.7	14.1	11.6
62.5°	170.0	135.1	106.6	77.3	57.1	42.1	28.8	24.1	19.3	16.1	13.3
60°	234.1	193.3	151.3	116.9	84.2	58.8	42.1	28.3	23.1	18.1	15.0
57.5°	302.6	253.9	207.5	160.6	120.4	84.2	57.1	38.8	26.8	21.1	16.7
55°	373.7	318.4	264.4	212.2	160.6	116.9	77.3	52.2	32.3	24.3	18.3
52.5°	454.4	386.5	323.7	264.4	207.5	151.3	106.6	65.1	43.9	27.5	20.9
50°	534.7	460.9	386.5	318.4	253.9	193.3	135.1	89.6	55.3	32.6	23.6
47.5°	614.3	534.7	454.4	373.7	302.6	234.1	170.0	114.6	66.3	42.3	26.1
45°	687.6	607.4	521.1	434.9	349.7	276.5	206.0	138.8	87.7	51.7	28.6
42.5°	757.2	674.7	586.9	494.1	402.9	318.3	240.7	169.1	108.5	60.7	34.2
40°	816.8	737.7	649.1	553.0	455.5	358.5	276.9	199.2	128.5	72.2	41.7
37.5°	873.3	793.8	705.4	609.3	506.2	404.7	311.8	227.9	149.3	89.0	48.8
35°	893.7	844.3	759.2	660.9	555.7	448.6	345.0	256.2	173.7	105.0	55.6
32.5°	910.4	882.2	804.3	708.1	602.5	490.0	380.2	284.4	196.7	120.0	61.9
30°	930.4	897.0	846.3	752.6	645.6	530.2	415.6	310.9	218.2	134.0	69.4
27.5°	950.6	910.8	880.1	790.2	683.8	567.8	448.6	335.6	238.3	148.8	80.7
25°	979.1	926.9	891.9	823.8	719.1	602.5	479.0	358.5	257.9	165.1	91.2
22.5°	1029.6	942.9	902.8	854.7	751.4	634.2	507.4	383.6	276.5	179.9	100.7
20°	1075.6	957.4	912.7	879.1	778.5	660.9	533.4	406.2	293.2	193.3	109.3
17.5°	1154.7	982.3	924.1	887.2	801.3	684.7	556.5	426.4	308.1	205.2	116.9
15°	1396.0	1015.6	934.6	894.3	821.3	705.4	576.8	443.9	321.0	215.6	123.6
12.5°	1602.7	1044.1	943.5	900.3	838.3	723.1	594.0	458.9	332.1	224.5	129.2
10°	1773.7	1067.7	950.9	905.3	852.3	737.7	608.2	471.2	341.2	231.7	133.9
7.5°	1907.8	1086.2	956.7	909.2	863.2	749.1	619.3	480.8	348.3	237.4	137.5
5°	2004.2	1099.4	960.9	912.0	871.1	757.2	627.2	487.7	353.3	241.4	140.1
2.5°	2062.3	1107.4	963.4	913.7	875.8	762.2	632.0	491.8	356.4	243.9	141.7
0°	2081.7	1110.1	964.2	914.3	877.4	763.8	633.6	493.2	357.4	244.7	142.2
-2.5°	2062.3	1107.4	963.4	913.7	875.8	762.2	632.0	491.8	356.4	243.9	141.7
-5°	2004.2	1099.4	960.9	912.0	871.1	757.2	627.2	487.7	353.3	241.4	140.1
-7.5°	1907.8	1086.2	956.7	909.2	863.2	749.1	619.3	480.8	348.3	237.4	137.5
-10°	1773.7	1067.7	950.9	905.3	852.3	737.7	608.2	471.2	341.2	231.7	133.9
-12.5°	1602.7	1044.1	943.5	900.3	838.3	723.1	594.0	458.9	332.1	224.5	129.2
-15°	1396.0	1015.6	934.6	894.3	821.3	705.4	576.8	443.9	321.0	215.6	123.6
-17.5°	1154.7	982.3	924.1	887.2	801.3	684.7	556.5	426.4	308.1	205.2	116.9
-20°	1075.6	957.4	912.7	879.1	778.5	660.9	533.4	406.2	293.2	193.3	109.3



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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°	1029.6	942.9	902.8	854.7	751.4	634.2	507.4	383.6	276.5	179.9	100.7
-25°	979.1	926.9	891.9	823.8	719.1	602.5	479.0	358.5	257.9	165.1	91.2
-27.5°	950.6	910.8	880.1	790.2	683.8	567.8	448.6	335.6	238.3	148.8	80.7
-30°	930.4	897.0	846.3	752.6	645.6	530.2	415.6	310.9	218.2	134.0	69.4
-32.5°	910.4	882.2	804.3	708.1	602.5	490.0	380.2	284.4	196.7	120.0	61.9
-35°	893.7	844.3	759.2	660.9	555.7	448.6	345.0	256.2	173.7	105.0	55.6
-37.5°	873.3	793.8	705.4	609.3	506.2	404.7	311.8	227.9	149.3	89.0	48.8
-40°	816.8	737.7	649.1	553.0	455.5	358.5	276.9	199.2	128.5	72.2	41.7
-42.5°	757.2	674.7	586.9	494.1	402.9	318.3	240.7	169.1	108.5	60.7	34.2
-45°	687.6	607.4	521.1	434.9	349.7	276.5	206.0	138.8	87.7	51.7	28.6
-47.5°	614.3	534.7	454.4	373.7	302.6	234.1	170.0	114.6	66.3	42.3	26.1
-50°	534.7	460.9	386.5	318.4	253.9	193.3	135.1	89.6	55.3	32.6	23.6
-52.5°	454.4	386.5	323.7	264.4	207.5	151.3	106.6	65.1	43.9	27.5	20.9
-55°	373.7	318.4	264.4	212.2	160.6	116.9	77.3	52.2	32.3	24.3	18.3
-57.5°	302.6	253.9	207.5	160.6	120.4	84.2	57.1	38.8	26.8	21.1	16.7
-60°	234.1	193.3	151.3	116.9	84.2	58.8	42.1	28.3	23.1	18.1	15.0
-62.5°	170.0	135.1	106.6	77.3	57.1	42.1	28.8	24.1	19.3	16.1	13.3
-65°	114.6	89.6	65.1	52.2	38.8	28.3	24.1	19.8	16.7	14.1	11.6
-67.5°	66.3	55.3	43.9	32.3	26.8	23.1	19.3	16.7	14.4	12.1	10.0
-70°	42.3	32.6	27.5	24.3	21.1	18.1	16.1	14.1	12.1	10.3	8.5
-72.5°	26.1	23.6	20.9	18.3	16.7	15.0	13.3	11.6	10.0	8.5	6.9
-75°	18.8	17.4	16.1	14.7	13.3	11.9	10.6	9.3	8.0	6.7	5.9
-77.5°	14.4	13.3	12.2	11.2	10.2	9.2	8.1	7.0	6.2	5.7	5.1
-80°	10.3	9.6	8.8	8.1	7.3	6.5	6.1	5.6	5.2	4.7	4.3
-82.5°	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3
-85°	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.2
-87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	4.5	3.9	3.2	2.4	1.6	0.8	0.0
75°	5.2	4.5	3.8	2.9	1.9	1.0	0.0
72.5°	5.9	5.1	4.3	3.3	2.2	1.1	0.0
70°	6.7	5.7	4.7	3.8	2.5	1.3	0.0
67.5°	8.0	6.2	5.2	4.1	2.8	1.4	0.0
65°	9.3	7.0	5.6	4.4	3.1	1.6	0.0
62.5°	10.6	8.1	6.1	4.8	3.4	1.7	0.0
60°	11.9	9.2	6.5	5.1	3.7	1.8	0.0
57.5°	13.3	10.2	7.3	5.4	3.9	2.0	0.0
55°	14.7	11.2	8.1	5.7	4.1	2.1	0.0
52.5°	16.1	12.2	8.8	6.0	4.3	2.3	0.0
50°	17.4	13.3	9.6	6.3	4.5	2.4	0.0
47.5°	18.8	14.4	10.3	6.6	4.7	2.5	0.0
45°	20.9	15.4	11.0	7.2	4.9	2.6	0.0
42.5°	22.9	16.4	11.7	7.6	5.0	2.7	0.0
40°	24.9	17.3	12.4	8.1	5.2	2.8	0.0
37.5°	26.7	18.2	13.1	8.6	5.3	2.9	0.0
35°	28.4	19.4	13.8	9.0	5.5	3.0	0.0
32.5°	31.2	20.8	14.4	9.4	5.6	3.1	0.0
30°	36.3	22.1	15.0	9.8	5.7	3.2	0.0
27.5°	41.0	23.2	15.5	10.1	5.9	3.3	0.0
25°	45.3	24.3	16.0	10.4	6.0	3.4	0.0
22.5°	49.3	25.3	16.5	10.7	6.1	3.4	0.0
20°	52.9	26.2	16.9	11.0	6.2	3.5	0.0
17.5°	56.0	27.0	17.3	11.2	6.2	3.5	0.0
15°	58.8	27.7	17.6	11.4	6.3	3.6	0.0
12.5°	61.1	28.3	17.9	11.6	6.4	3.6	0.0
10°	63.1	28.7	18.1	11.7	6.4	3.6	0.0
7.5°	64.6	29.1	18.3	11.9	6.5	3.7	0.0
5°	65.6	29.4	18.4	11.9	6.5	3.7	0.0
2.5°	66.3	29.5	18.5	12.0	6.5	3.7	0.0
0°	66.5	29.6	18.5	12.0	6.5	3.7	0.0
-2.5°	66.3	29.5	18.5	12.0	6.5	3.7	0.0
-5°	65.6	29.4	18.4	11.9	6.5	3.7	0.0
-7.5°	64.6	29.1	18.3	11.9	6.5	3.7	0.0
-10°	63.1	28.7	18.1	11.7	6.4	3.6	0.0
-12.5°	61.1	28.3	17.9	11.6	6.4	3.6	0.0
-15°	58.8	27.7	17.6	11.4	6.3	3.6	0.0
-17.5°	56.0	27.0	17.3	11.2	6.2	3.5	0.0
-20°	52.9	26.2	16.9	11.0	6.2	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.3	25.3	16.5	10.7	6.1	3.4	0.0
-25°	45.3	24.3	16.0	10.4	6.0	3.4	0.0
-27.5°	41.0	23.2	15.5	10.1	5.9	3.3	0.0
-30°	36.3	22.1	15.0	9.8	5.7	3.2	0.0
-32.5°	31.2	20.8	14.4	9.4	5.6	3.1	0.0
-35°	28.4	19.4	13.8	9.0	5.5	3.0	0.0
-37.5°	26.7	18.2	13.1	8.6	5.3	2.9	0.0
-40°	24.9	17.3	12.4	8.1	5.2	2.8	0.0
-42.5°	22.9	16.4	11.7	7.6	5.0	2.7	0.0
-45°	20.9	15.4	11.0	7.2	4.9	2.6	0.0
-47.5°	18.8	14.4	10.3	6.6	4.7	2.5	0.0
-50°	17.4	13.3	9.6	6.3	4.5	2.4	0.0
-52.5°	16.1	12.2	8.8	6.0	4.3	2.3	0.0
-55°	14.7	11.2	8.1	5.7	4.1	2.1	0.0
-57.5°	13.3	10.2	7.3	5.4	3.9	2.0	0.0
-60°	11.9	9.2	6.5	5.1	3.7	1.8	0.0
-62.5°	10.6	8.1	6.1	4.8	3.4	1.7	0.0
-65°	9.3	7.0	5.6	4.4	3.1	1.6	0.0
-67.5°	8.0	6.2	5.2	4.1	2.8	1.4	0.0
-70°	6.7	5.7	4.7	3.8	2.5	1.3	0.0
-72.5°	5.9	5.1	4.3	3.3	2.2	1.1	0.0
-75°	5.2	4.5	3.8	2.9	1.9	1.0	0.0
-77.5°	4.5	3.9	3.2	2.4	1.6	0.8	0.0
-80°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)