

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: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

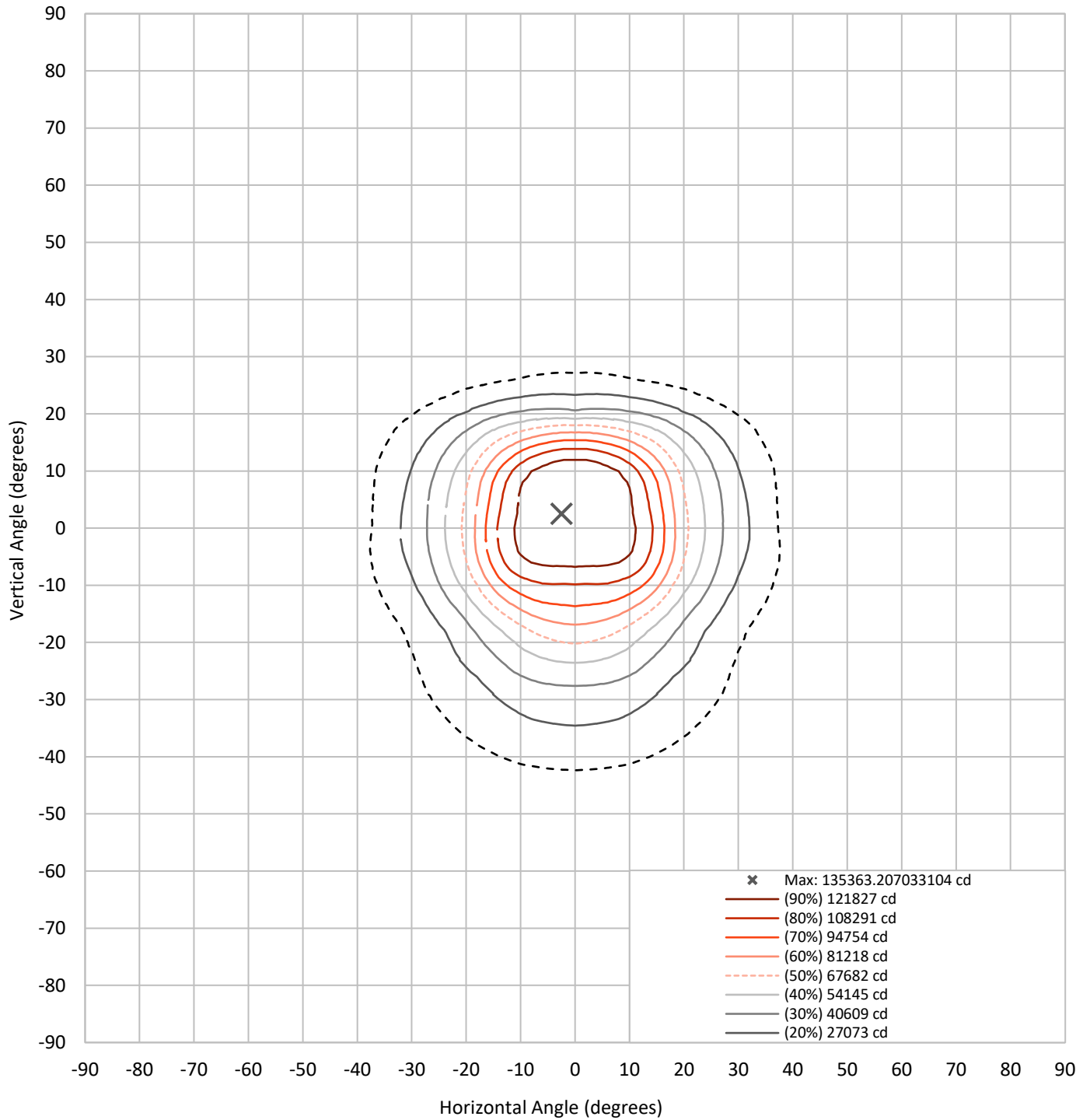
Test Method: LM-79-08
Report Number: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-5S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	72268.3 lumens	Max Intensity:	135363.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	39820.2 lumens	Field Lumens:	67208.1 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
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





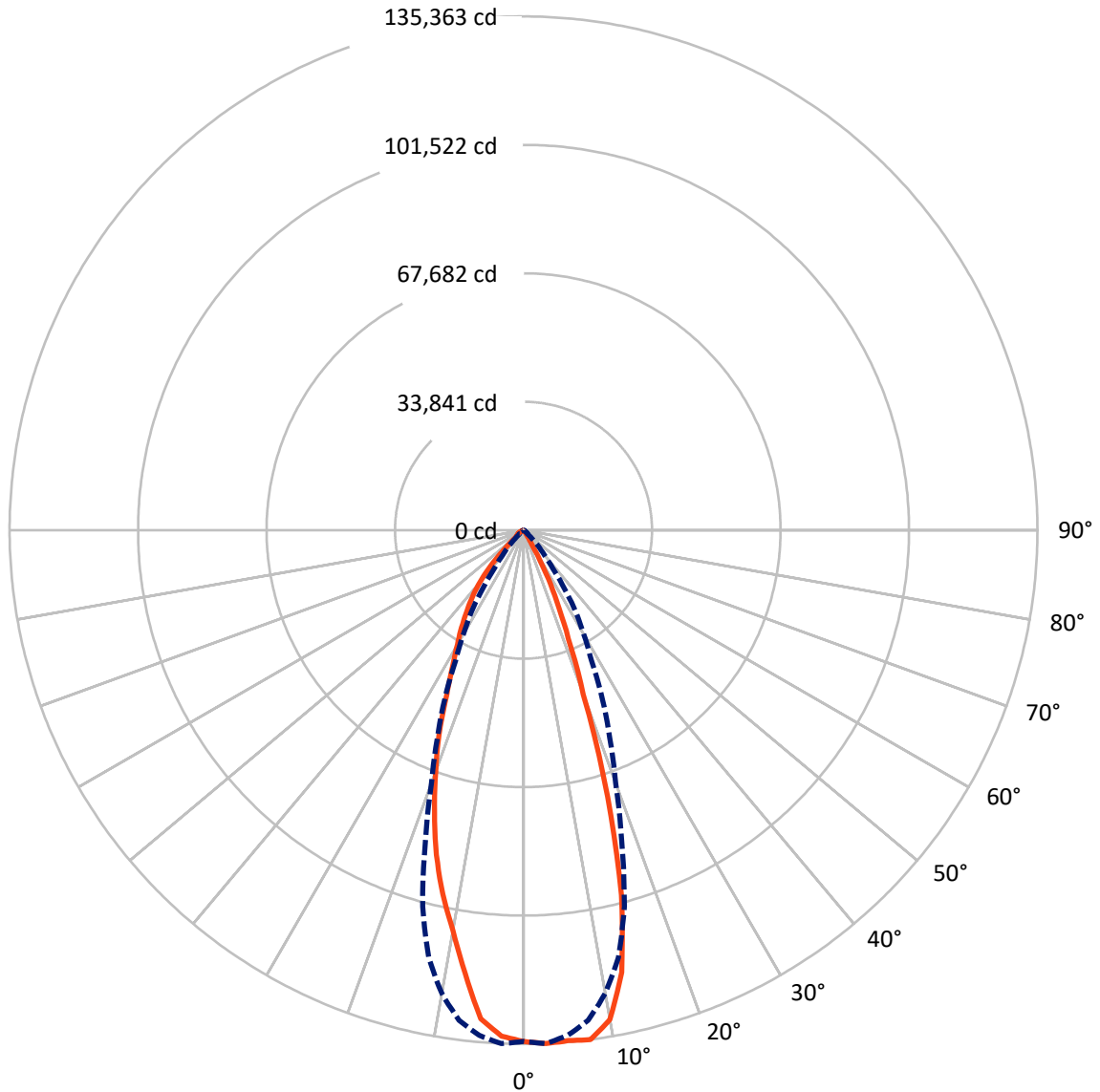
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Lumen Table

90	0.1	0.3	0.5	0.5	0.4	0.5	0.5	0.3	0.1										
80	0.1	0.3	0.5	0.5	0.4	0.5	0.5	0.3	0.1										
70	0.1	0.1	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.7	0.8	0.4	0.3	0.3	0.3	0.3	0.4	0.8	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	1.0	1.1	1.1	1.1	1.1	1.0	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.7	2.2	4.7	10.2	24.1	34.4	34.4	24.1	10.2	4.7	2.2	0.7	0.2				
30	0.2	0.4	3.9	14.4	78.8	241.9	486.8	655.0	655.0	486.8	241.9	78.8	14.4	3.9	0.4	0.2			
20		1.1	9.4	52.1	324.7	924.4	1916.4	2760.0	2760.0	1916.4	924.4	324.7	52.1	9.4	1.1				
10	0.2	1.8	12.7	82.2	466.7	1329.9	2873.4	3973.4	3973.4	2873.4	1329.9	466.7	82.2	12.7	1.8	0.2			
0		2.2	13.6	85.9	470.1	1296.5	2831.7	3753.3	3753.3	2831.7	1296.5	470.1	85.9	13.6	2.2				
-10	0.4	2.6	13.1	57.7	309.0	855.2	1819.1	2587.5	2587.5	1819.1	855.2	309.0	57.7	13.1	2.6	0.4			
-20		2.5	12.4	32.1	182.1	523.7	1018.0	1439.8	1439.8	1018.0	523.7	182.1	32.1	12.4	2.5				
-30	0.3	2.0	10.0	23.9	73.2	288.7	563.4	771.0	771.0	563.4	288.7	73.2	23.9	10.0	2.0	0.3			
-40		1.3	6.5	18.7	36.0	67.2	159.2	247.4	247.4	159.2	67.2	36.0	18.7	6.5	1.3				
-50	0.2	0.7	3.3	10.2	22.1	36.0	49.1	56.8	56.8	49.1	36.0	22.1	10.2	3.3	0.7	0.2			
-60		0.3	1.2	3.5	7.6	12.9	19.0	22.4	22.4	19.0	12.9	7.6	3.5	1.2	0.3				
-70	0.1	0.7	2.6	6.0	8.1	6.0	2.6	0.7	0.1						0.1				
-80		0.7	2.6	6.0	8.1	6.0	2.6	0.7	0.1										
-90	0.1	0.7	2.6	6.0	8.1	6.0	2.6	0.7	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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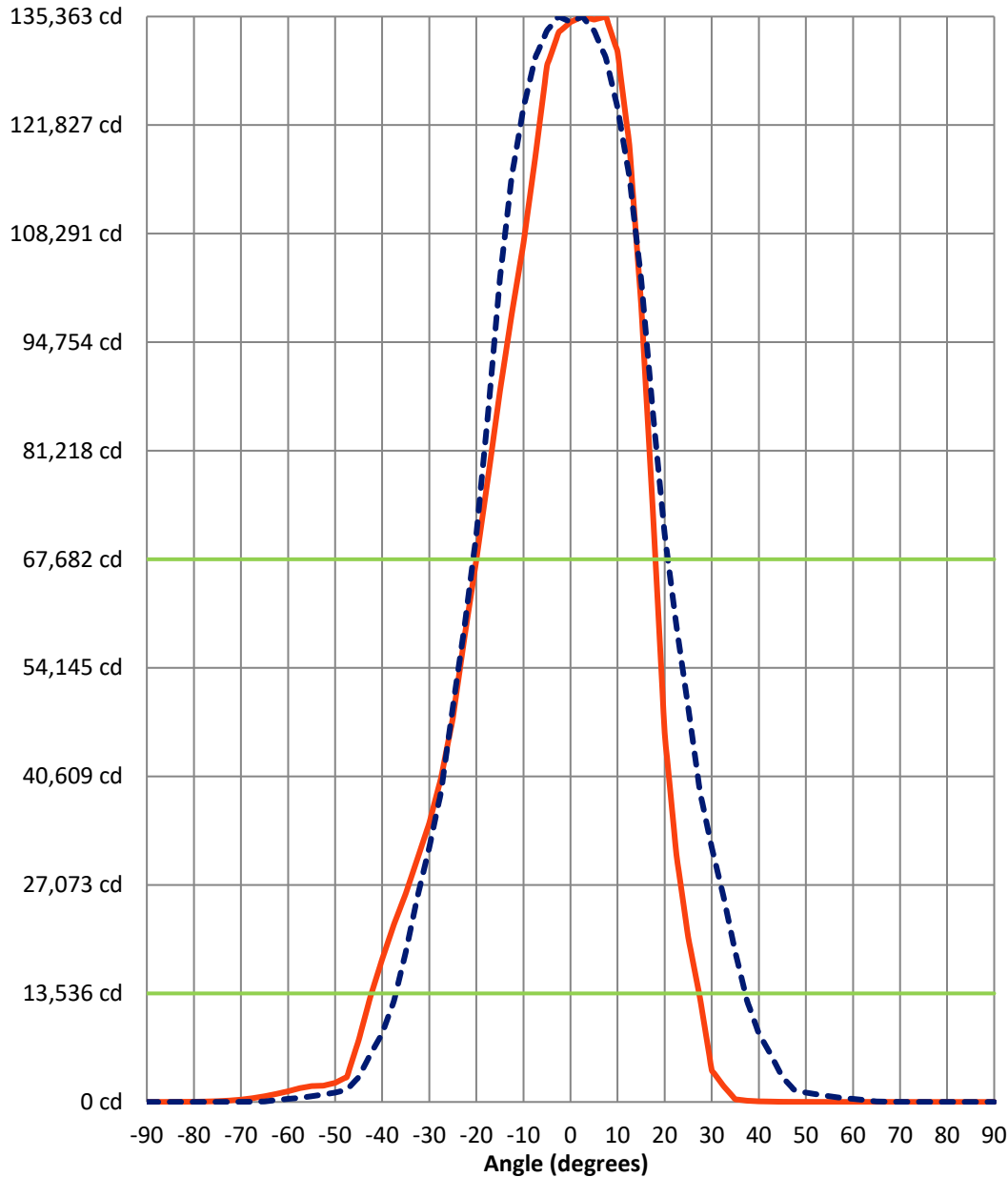
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 39820.2
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 67208.1
 Efficiency: 93.0%

Spill:
 Lumens: 5060.1
 Efficiency: 7.0%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through 2.5-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9
85°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9
82.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.4	4.9	4.6	4.4
80°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.5	5.2	5.1	5.2
77.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.7	5.8
75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.8	5.8	5.8	6.0
55°	5.8	5.8	5.8	5.8	5.8	5.8	6.0	5.9	5.8	5.9	6.3
52.5°	5.8	5.8	5.8	5.8	5.8	5.8	6.2	6.0	5.8	6.3	6.7
50°	5.8	5.8	5.8	5.8	5.8	6.0	6.3	6.1	5.9	6.8	7.7
47.5°	5.8	5.8	5.8	5.8	5.8	6.2	6.5	6.2	6.5	7.3	8.7
45°	5.8	5.8	5.8	5.8	5.8	6.4	6.6	6.3	7.0	8.1	9.6
42.5°	5.8	5.8	5.8	5.8	5.8	6.6	6.7	6.6	7.6	8.8	10.2
40°	5.8	5.8	5.8	5.8	5.9	6.9	6.8	7.1	8.2	9.4	10.8
37.5°	5.8	5.8	5.8	5.9	6.1	7.1	6.9	7.6	8.8	10.0	11.3
35°	5.8	5.8	5.8	5.9	6.3	7.3	7.0	8.1	9.3	10.7	12.0
32.5°	5.8	5.8	5.8	6.0	6.5	7.4	7.2	8.5	9.9	11.4	13.6
30°	5.8	5.8	5.8	6.1	6.7	7.4	7.6	9.0	10.4	12.2	15.5
27.5°	5.8	5.8	5.8	6.2	6.9	7.5	7.9	9.4	10.9	13.1	17.6
25°	5.8	5.8	5.8	6.3	7.1	7.6	8.3	9.8	11.6	14.5	20.1
22.5°	5.8	5.8	5.8	6.4	7.2	7.7	8.6	10.2	12.3	16.3	24.7
20°	5.8	5.8	5.8	6.6	7.4	7.7	8.9	10.5	12.9	18.3	29.6
17.5°	5.8	5.8	5.8	6.7	7.5	7.7	9.1	10.9	13.6	20.3	34.8
15°	5.8	5.8	5.8	6.8	7.6	7.7	9.3	11.1	14.3	22.3	40.1
12.5°	5.8	5.8	5.8	7.0	7.6	7.7	9.4	11.3	14.9	24.4	45.5
10°	5.8	5.8	5.8	7.1	7.7	7.7	9.5	11.4	15.5	26.6	50.7
7.5°	5.8	5.8	5.8	7.3	7.7	7.7	9.6	11.5	16.0	28.9	55.7
5°	5.8	5.8	5.8	7.4	7.7	7.7	9.7	11.5	16.5	31.1	60.2
2.5°	5.8	5.8	5.8	7.6	7.7	7.7	9.7	11.6	17.0	33.1	64.2
0°	5.8	5.8	5.8	7.7	7.7	7.7	9.7	11.6	17.4	34.8	67.7
-2.5°	5.8	5.8	5.9	7.7	7.7	7.9	10.2	13.7	23.3	45.4	84.5
-5°	5.8	5.8	6.0	7.7	7.7	8.1	10.7	15.7	28.9	55.5	100.2
-7.5°	5.8	5.8	6.0	7.7	7.7	8.3	11.1	17.6	34.1	64.8	114.6
-10°	5.8	5.8	6.1	7.6	7.7	8.5	11.4	19.2	38.7	73.0	127.3
-12.5°	5.8	5.8	6.2	7.6	7.7	8.7	11.8	20.6	42.5	80.2	139.5
-15°	5.8	5.8	6.3	7.6	7.7	8.8	12.0	21.6	46.0	87.1	149.9
-17.5°	5.8	5.8	6.3	7.6	7.7	8.9	12.2	23.2	49.4	92.4	157.4
-20°	5.8	5.8	6.4	7.5	7.7	8.9	12.7	25.1	51.7	95.9	161.9



REPORT NUMBER: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.8	5.8	6.4	7.5	7.7	8.9	13.7	26.4	52.9	97.4	162.9
-25°	5.8	5.8	6.5	7.5	7.7	9.1	14.4	27.1	52.8	96.8	160.4
-27.5°	5.8	5.8	6.5	7.5	7.7	9.2	14.8	27.2	51.4	95.0	159.3
-30°	5.8	5.8	6.5	7.5	7.7	9.3	14.8	26.5	50.5	93.3	155.5
-32.5°	5.8	5.8	6.5	7.5	7.8	9.2	14.4	26.3	49.6	89.6	148.7
-35°	5.8	5.8	6.5	7.6	7.9	8.9	14.2	25.9	47.8	84.1	138.9
-37.5°	5.8	5.8	6.5	7.6	8.0	8.7	13.9	24.9	44.9	76.6	126.1
-40°	5.8	5.8	6.4	7.7	8.0	8.8	13.3	23.4	41.0	71.0	113.7
-42.5°	5.8	5.8	6.4	7.7	8.0	8.9	12.6	21.2	37.8	64.4	99.7
-45°	5.8	5.8	6.4	7.7	8.0	8.9	11.6	19.1	34.6	56.8	85.2
-47.5°	5.8	5.8	6.3	7.7	8.0	8.9	10.3	17.6	30.6	48.6	75.8
-50°	5.8	5.8	6.2	7.6	8.0	8.8	10.1	15.7	25.6	42.8	65.6
-52.5°	5.8	5.8	6.1	7.4	8.0	8.7	9.9	13.6	22.1	36.4	54.8
-55°	5.8	5.8	6.0	7.2	7.9	8.6	9.8	11.3	19.1	29.3	46.6
-57.5°	5.8	5.8	5.9	7.1	7.8	8.5	9.5	11.0	15.8	24.6	37.6
-60°	5.8	5.8	5.8	6.9	7.7	8.3	9.3	10.7	12.9	20.3	29.4
-62.5°	5.8	5.8	5.8	6.7	7.5	8.1	8.9	10.2	12.2	15.6	23.9
-65°	5.8	5.8	5.8	6.6	7.3	7.8	8.6	9.7	11.3	13.7	18.1
-67.5°	5.8	5.8	5.8	6.4	7.2	7.6	8.2	9.2	10.4	12.4	15.0
-70°	5.8	5.8	5.8	6.2	7.0	7.5	7.8	8.7	9.8	10.9	13.1
-72.5°	5.8	5.8	5.8	6.2	6.9	7.4	7.7	8.2	9.2	10.3	11.3
-75°	5.8	5.8	5.8	6.1	6.7	7.3	7.7	8.0	8.6	9.6	10.5
-77.5°	5.8	5.8	5.8	6.1	6.6	7.2	7.7	7.9	8.3	9.0	9.8
-80°	5.8	5.8	5.8	6.0	6.4	7.0	7.7	7.8	8.0	8.5	9.0
-82.5°	5.8	5.8	5.8	6.0	6.3	6.7	7.3	7.5	7.7	7.9	8.2
-85°	5.8	5.8	5.8	5.9	6.1	6.4	6.8	6.9	7.1	7.3	7.4
-87.5°	5.8	5.8	5.8	5.9	6.0	6.1	6.3	6.4	6.4	6.5	6.6
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
82.5°	4.5	4.4	4.2	3.9	3.9	3.9	3.9	4.1	4.2	4.2	4.1
80°	5.2	4.9	4.5	4.0	4.1	4.4	4.8	5.4	5.3	5.0	4.7
77.5°	5.4	5.0	4.5	4.0	4.3	4.9	5.4	5.7	5.7	5.7	5.7
75°	5.5	5.0	4.8	4.8	5.2	5.6	5.8	6.2	6.4	6.5	6.3
72.5°	5.6	5.4	5.5	5.8	5.8	6.1	6.6	7.3	7.7	7.6	7.5
70°	5.7	5.8	5.8	5.8	5.9	6.6	7.6	8.5	9.2	9.6	10.5
67.5°	5.8	5.8	5.8	5.9	6.6	7.7	8.7	11.0	13.9	15.0	16.1
65°	5.8	5.8	6.0	6.7	7.6	9.2	11.6	15.0	20.7	23.4	24.6
62.5°	5.8	5.9	6.4	7.5	8.7	10.7	15.6	22.0	29.2	33.2	32.4
60°	5.8	6.0	7.3	8.8	10.3	14.6	21.1	28.4	37.6	44.2	39.7
57.5°	6.0	6.9	8.8	10.6	13.8	18.1	24.7	33.5	42.9	52.9	45.7
55°	6.7	8.4	10.3	12.9	16.4	19.7	26.3	34.5	44.9	51.3	45.0
52.5°	8.1	9.9	11.6	14.6	18.0	20.6	24.6	32.3	38.4	43.7	40.2
50°	9.4	10.6	12.5	16.0	19.0	20.6	20.4	26.3	31.4	33.7	34.2
47.5°	10.2	11.4	13.7	17.2	19.6	20.1	18.2	21.2	25.1	27.4	26.7
45°	10.9	12.7	15.2	18.2	20.0	19.3	19.0	17.9	22.7	24.8	25.2
42.5°	11.5	14.1	17.1	19.4	20.2	21.2	21.6	21.8	24.3	29.1	31.5
40°	12.7	15.6	19.4	21.4	21.8	25.2	28.6	31.2	33.0	39.5	44.2
37.5°	13.9	18.0	22.6	26.0	26.6	32.5	37.8	54.9	58.4	53.3	70.2
35°	15.1	20.7	28.6	36.8	41.5	43.0	66.6	89.8	99.7	97.6	111.8
32.5°	17.1	23.7	36.3	55.0	73.3	78.0	103.2	142.4	177.5	191.7	183.0
30°	20.4	30.9	48.8	78.1	119.6	165.4	172.5	216.1	287.0	344.8	431.2
27.5°	25.5	40.3	70.9	120.5	187.1	280.6	303.6	341.4	446.9	591.9	870.4
25°	31.2	64.1	96.2	177.1	300.2	410.0	453.2	524.6	646.9	1115.8	1757.1
22.5°	44.1	95.9	148.2	242.2	432.2	545.6	623.7	743.5	1034.1	1782.9	3031.3
20°	67.0	140.2	213.8	324.4	571.8	688.6	793.6	975.8	1624.7	3017.1	5046.0
17.5°	94.0	188.0	281.7	423.6	647.2	806.8	969.2	1214.0	2244.5	4456.5	7152.2
15°	124.2	238.5	345.5	509.4	713.1	884.8	1111.5	1675.7	3228.5	6099.8	9086.7
12.5°	156.4	290.6	405.3	582.7	774.3	958.1	1228.1	2070.2	4254.1	7592.8	11074.2
10°	189.7	343.3	461.1	644.5	830.4	1025.9	1333.8	2430.7	4977.3	8152.8	12026.4
7.5°	210.3	376.2	506.1	695.9	881.1	1087.8	1427.5	2749.1	5489.0	8435.3	12418.6
5°	225.8	384.5	510.6	711.0	913.5	1137.0	1500.5	3016.1	5807.0	8475.3	12539.7
2.5°	237.7	387.9	511.5	715.6	932.9	1170.3	1525.5	3104.4	5952.8	8552.9	12623.4
0°	245.7	387.0	508.9	714.0	946.2	1195.8	1534.4	3121.1	5955.9	8603.0	12654.8
-2.5°	258.8	400.9	534.8	744.0	961.2	1201.2	1547.0	3209.0	6244.9	9144.6	13609.7
-5°	268.2	411.2	556.3	767.4	970.1	1198.5	1544.9	3213.8	6281.1	9270.2	13648.5
-7.5°	274.0	418.1	572.6	781.2	962.4	1168.4	1492.1	2954.1	5728.5	8701.7	12721.2
-10°	277.4	426.9	584.1	773.1	933.6	1118.9	1417.1	2632.8	5067.5	7970.4	11600.6
-12.5°	283.8	437.1	591.6	763.7	906.9	1064.4	1329.0	2259.3	4317.0	7076.5	10301.9
-15°	285.8	443.8	595.4	754.5	884.5	1005.8	1228.0	1840.8	3564.7	6291.7	9016.4
-17.5°	283.3	447.0	595.7	747.0	868.6	943.9	1124.7	1479.0	3003.9	5529.8	8044.0
-20°	276.1	446.8	592.5	742.4	858.7	923.6	1090.7	1400.1	2522.0	4637.3	7125.2



REPORT NUMBER: P1305705 (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°	264.3	443.1	586.7	734.5	857.8	942.3	1061.9	1300.8	1917.4	3606.6	6172.9
-25°	256.4	426.3	577.8	714.3	852.0	962.5	1030.8	1194.6	1538.7	2819.5	4889.6
-27.5°	252.7	403.9	550.9	685.3	837.0	974.0	1036.6	1156.1	1399.5	1954.8	3537.6
-30°	244.1	366.3	518.6	648.7	802.1	950.9	1059.5	1116.1	1273.4	1597.0	2528.1
-32.5°	227.0	327.8	475.9	609.0	753.5	916.7	1063.6	1119.4	1221.0	1407.4	1756.3
-35°	207.3	303.2	429.4	563.0	695.4	860.8	1016.1	1135.1	1179.7	1314.5	1558.1
-37.5°	190.0	274.3	381.9	511.6	639.7	791.9	962.9	1101.2	1193.0	1252.1	1432.2
-40°	169.8	241.4	342.6	459.0	583.4	722.3	880.6	1042.1	1172.3	1284.2	1359.8
-42.5°	147.9	216.0	302.1	406.5	526.5	655.2	792.3	952.2	1118.7	1278.2	1394.8
-45°	130.6	187.7	259.5	357.5	466.1	584.9	713.3	848.4	1022.5	1202.2	1365.0
-47.5°	111.7	159.1	224.8	304.2	404.8	513.7	630.2	757.8	901.4	1074.4	1261.3
-50°	93.4	136.1	186.6	257.5	341.6	440.5	547.0	658.6	785.6	929.5	1093.9
-52.5°	80.8	111.2	156.2	210.5	282.6	366.6	460.8	559.3	667.6	785.8	920.9
-55°	67.3	93.6	126.2	170.9	225.3	297.1	373.8	461.2	551.2	654.0	758.0
-57.5°	55.5	77.0	102.4	135.2	178.8	228.2	294.9	363.9	443.8	527.0	609.9
-60°	44.2	61.4	82.4	107.3	136.9	177.6	220.0	277.6	341.5	404.1	473.4
-62.5°	33.2	47.2	63.8	83.4	107.3	131.1	164.8	204.2	246.1	297.7	348.4
-65°	26.2	34.2	46.7	62.4	79.5	99.8	120.8	142.1	175.7	209.2	241.0
-67.5°	18.9	26.0	33.3	42.2	56.6	71.0	86.0	104.6	123.3	140.8	161.4
-70°	15.6	18.4	24.1	30.6	37.0	44.7	57.2	70.3	83.6	96.7	111.4
-72.5°	13.0	15.3	17.9	20.6	25.8	30.9	35.8	40.6	49.0	59.8	70.1
-75°	11.4	12.3	14.3	16.5	18.7	20.8	23.1	27.2	31.4	35.6	39.7
-77.5°	10.4	11.0	11.9	12.8	14.1	15.9	17.7	19.4	21.0	22.7	24.2
-80°	9.4	9.7	10.2	10.8	11.5	12.4	13.3	14.4	15.5	16.8	18.1
-82.5°	8.5	8.7	8.9	9.1	9.3	9.6	9.8	10.4	11.0	11.7	12.4
-85°	7.6	7.7	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.8	8.9
-87.5°	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1	7.2	7.3	7.3
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9	3.9	3.9
87.5°	3.9	3.9	3.9	3.9	3.9	3.4	2.9	2.4	1.9	1.9	1.9
85°	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.3	2.9
82.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.4	2.9
80°	4.5	4.5	4.4	4.2	3.9	3.9	3.9	3.9	3.9	3.4	2.9
77.5°	5.8	5.4	5.0	4.5	4.0	3.9	3.9	3.9	3.9	3.5	2.9
75°	6.0	5.6	5.4	5.1	4.9	4.7	4.6	4.3	4.0	3.8	3.8
72.5°	7.4	7.2	7.2	7.4	7.3	7.1	6.8	6.2	5.6	5.5	5.6
70°	11.1	11.5	11.6	11.5	10.8	9.9	9.2	8.4	7.5	7.3	7.5
67.5°	17.1	17.4	16.8	15.6	13.5	11.8	10.8	9.6	8.3	7.9	8.4
65°	24.3	21.5	19.2	17.1	15.2	13.6	12.4	11.1	9.8	9.6	10.8
62.5°	29.0	22.8	19.3	17.6	16.4	15.3	13.5	11.9	10.5	9.8	10.0
60°	33.0	24.2	18.3	16.8	15.2	13.7	11.9	10.5	9.2	8.3	8.1
57.5°	34.9	24.8	16.8	14.6	12.5	10.5	9.6	9.1	8.5	7.7	8.2
55°	33.6	23.0	14.3	12.6	12.0	11.6	11.2	10.3	9.5	9.0	9.4
52.5°	28.8	21.0	15.2	13.2	12.6	12.1	11.5	11.3	11.2	10.9	11.1
50°	25.7	19.6	15.6	13.3	13.3	13.4	13.3	13.5	13.8	14.0	14.1
47.5°	22.9	18.4	17.5	15.3	15.6	16.9	17.1	17.4	18.4	18.3	17.8
45°	22.9	24.6	24.1	22.7	21.9	30.4	31.0	26.0	30.9	30.3	26.5
42.5°	33.6	36.0	36.5	44.8	60.6	59.8	58.2	65.9	60.7	53.0	47.7
40°	52.0	52.0	61.7	75.7	75.2	72.3	81.9	83.1	82.5	86.9	85.5
37.5°	82.7	83.7	88.1	96.6	111.4	104.4	125.3	138.8	140.9	159.7	174.2
35°	137.6	161.3	140.2	190.4	223.3	216.3	246.8	301.3	249.9	382.7	406.7
32.5°	258.0	311.1	351.9	409.3	483.5	593.1	601.2	989.1	1066.8	1295.8	1608.9
30°	444.2	598.1	894.1	971.4	1090.7	1544.7	2081.5	2753.2	3377.6	3823.6	4410.3
27.5°	1069.4	1323.8	1961.3	2653.9	2613.5	3461.8	5381.8	5972.5	7593.8	8133.2	9501.7
25°	2391.9	3001.2	4544.3	5919.4	6620.2	8855.4	11388.6	12531.0	14666.7	15802.3	17477.7
22.5°	4677.6	6349.1	8395.8	10507.5	13139.0	16561.4	19692.9	21978.7	24854.4	27163.1	28529.5
20°	7570.9	9883.9	13035.7	16316.1	20386.4	24882.5	28151.0	32782.0	37107.1	41214.2	43066.7
17.5°	10326.1	14190.6	18003.7	21963.0	27302.4	33183.7	38510.8	45283.9	52455.4	57970.4	62466.3
15°	12660.6	16960.8	22462.4	27194.3	33305.7	40639.7	48559.3	57218.4	67532.0	75370.8	83812.5
12.5°	14815.6	19127.5	25096.7	30748.1	38977.1	47260.3	56502.3	67261.4	79183.7	90779.5	101656.9
10°	16203.1	21172.6	27569.2	34435.1	42864.4	52482.8	62995.9	75049.0	90327.5	103584.3	115838.8
7.5°	17042.5	23037.6	29661.2	36982.4	46006.1	55903.9	66975.8	81184.8	97237.8	111084.9	122094.1
5°	17868.0	24565.6	31011.6	38210.3	48051.0	58122.9	68922.3	83175.3	99732.6	113592.9	123479.0
2.5°	18695.8	25617.5	31753.4	38699.0	49212.1	59377.0	70811.0	85995.6	102638.4	115367.8	123955.6
0°	19452.5	25992.7	32020.2	38821.7	49717.6	59924.7	71565.6	86559.9	105126.1	117368.8	125683.4
-2.5°	19726.9	25972.4	31731.6	38475.3	49295.5	59175.0	70760.6	86919.8	104245.9	116703.3	125146.2
-5°	18892.3	24560.0	30164.8	36995.4	47053.8	57251.4	68914.8	84938.0	101384.8	114281.5	122332.5
-7.5°	17323.1	22444.1	27956.8	34725.5	43864.6	53719.1	64336.6	78332.4	94524.0	106538.6	112879.5
-10°	15680.7	20073.1	25280.9	31545.6	39599.2	48957.6	57758.5	69667.4	84632.6	95284.2	101773.5
-12.5°	13803.2	17367.5	22174.3	27649.9	34838.8	42997.5	51047.1	61119.9	72549.0	83504.5	90260.4
-15°	11832.1	14700.6	18877.1	24131.4	29808.7	35911.2	43355.0	51514.4	60627.7	69507.7	77203.9
-17.5°	10254.4	12468.0	16300.5	21022.5	25351.6	30302.3	37557.5	44190.6	50860.2	58022.0	64433.5
-20°	9239.7	11317.5	14413.3	18356.0	22650.4	27640.9	33247.5	39049.0	45248.8	50747.5	56398.5



REPORT NUMBER: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8429.8	10565.4	12954.1	16239.9	20810.9	25395.7	29708.7	34148.5	39292.1	44908.6	49642.6
-25°	7377.7	9617.3	11886.7	15012.0	18860.4	22912.9	26088.2	29249.4	33890.3	38666.9	42580.4
-27.5°	5914.7	8446.9	11096.5	13640.3	16920.8	19803.0	22593.3	25458.2	29504.9	33536.9	36461.0
-30°	4220.6	7145.4	9897.1	12496.3	14748.7	17018.2	19351.9	22284.6	25667.5	28911.7	31397.3
-32.5°	3088.3	5279.9	8255.7	10908.5	13112.8	15012.6	16804.9	19414.4	22061.0	24662.4	27038.1
-35°	1970.7	3572.5	5891.4	8592.7	11180.5	13197.5	15146.2	17037.0	19026.1	21243.2	23299.1
-37.5°	1696.8	2127.5	3552.1	5567.5	8047.6	10683.2	12599.1	14481.5	16511.9	18177.6	19906.0
-40°	1537.8	1762.8	2123.7	2838.6	4711.3	6570.6	8723.2	10736.4	12677.2	14387.0	15966.4
-42.5°	1468.3	1603.0	1748.7	2020.0	2322.2	3213.7	4783.0	6248.8	7976.2	9692.4	11191.4
-45°	1503.5	1549.8	1623.9	1757.3	1880.9	2132.1	2396.6	2672.9	3853.2	5090.9	6151.4
-47.5°	1407.3	1542.2	1614.0	1672.0	1735.5	1844.8	1957.9	2111.8	2377.9	2647.6	2861.3
-50°	1247.6	1391.2	1517.4	1641.8	1701.9	1745.6	1792.2	1882.4	2005.8	2132.8	2226.3
-52.5°	1048.9	1187.9	1326.7	1452.7	1555.5	1654.7	1752.8	1826.6	1891.2	1954.9	1985.7
-55°	871.1	987.1	1099.0	1212.5	1324.4	1430.6	1539.4	1649.9	1752.6	1847.6	1894.6
-57.5°	704.1	801.3	897.5	984.1	1073.3	1164.1	1264.8	1372.2	1478.5	1577.8	1629.2
-60°	545.6	620.2	698.9	769.5	835.8	897.9	984.9	1073.1	1157.4	1229.4	1267.6
-62.5°	399.0	456.8	516.6	572.6	625.8	678.5	744.0	807.8	869.1	918.6	947.4
-65°	276.6	319.7	359.8	398.5	436.1	481.1	530.7	578.4	623.7	657.6	676.7
-67.5°	188.7	214.3	236.8	257.7	284.7	316.4	351.1	383.8	414.3	436.4	451.1
-70°	126.1	140.0	152.4	166.6	183.6	201.0	219.7	238.3	256.3	268.8	276.5
-72.5°	80.0	88.8	97.3	107.0	116.2	125.4	134.5	143.0	150.7	157.9	164.6
-75°	43.9	48.5	55.2	61.3	67.0	73.3	79.2	84.5	89.2	92.3	94.6
-77.5°	26.9	29.9	32.6	35.0	37.2	39.9	43.0	46.1	49.3	51.4	53.0
-80°	19.4	20.4	21.4	22.4	23.4	24.2	25.0	25.5	26.0	26.8	27.5
-82.5°	13.2	13.8	14.3	14.8	15.2	16.1	16.9	17.7	18.5	19.2	19.9
-85°	9.0	8.9	8.9	8.9	9.0	9.5	10.1	10.6	11.2	11.3	11.4
-87.5°	7.4	7.0	6.6	6.2	5.8	5.8	5.7	5.7	5.7	5.8	5.8
-90°	3.9	3.9	3.9	3.9	3.9	3.4	2.9	2.4	1.9	1.9	1.9



REPORT NUMBER: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.5	3.9	3.9
75°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	4.0	4.3
72.5°	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.6	6.2
70°	7.6	7.6	7.7	7.7	7.7	7.6	7.6	7.5	7.3	7.5	8.4
67.5°	9.0	9.5	9.7	9.7	9.7	9.5	9.0	8.4	7.9	8.3	9.6
65°	12.0	13.2	12.6	11.6	12.6	13.2	12.0	10.8	9.6	9.8	11.1
62.5°	10.0	9.9	9.7	9.7	9.7	9.9	10.0	10.0	9.8	10.5	11.9
60°	7.9	7.8	7.7	7.7	7.7	7.8	7.9	8.1	8.3	9.2	10.5
57.5°	8.8	9.4	9.7	9.7	9.7	9.4	8.8	8.2	7.7	8.5	9.1
55°	9.6	9.7	9.7	9.7	9.7	9.7	9.6	9.4	9.0	9.5	10.3
52.5°	11.3	11.5	11.6	11.6	11.6	11.5	11.3	11.1	10.9	11.2	11.3
50°	14.0	13.6	13.5	13.5	13.5	13.6	14.0	14.1	14.0	13.8	13.5
47.5°	17.7	17.4	17.3	17.4	17.3	17.4	17.7	17.8	18.3	18.4	17.4
45°	26.5	25.6	25.0	25.2	25.0	25.6	26.5	26.5	30.3	30.9	26.0
42.5°	50.6	52.4	54.5	58.0	54.5	52.4	50.6	47.7	53.0	60.7	65.9
40°	86.3	83.9	80.6	81.3	80.6	83.9	86.3	85.5	86.9	82.5	83.1
37.5°	179.5	172.8	159.8	150.9	159.8	172.8	179.5	174.2	159.7	140.9	138.8
35°	368.9	360.2	339.0	332.8	339.0	360.2	368.9	406.7	382.7	249.9	301.3
32.5°	1736.4	1935.5	1998.0	2000.8	1998.0	1935.5	1736.4	1608.9	1295.8	1066.8	989.1
30°	4456.0	4407.5	3977.7	3535.2	3977.7	4407.5	4456.0	4410.3	3823.6	3377.6	2753.2
27.5°	10724.1	12034.3	12980.6	12674.2	12980.6	12034.3	10724.1	9501.7	8133.2	7593.8	5972.5
25°	19315.3	20242.5	20546.7	20094.9	20546.7	20242.5	19315.3	17477.7	15802.3	14666.7	12531.0
22.5°	30324.7	30881.4	30832.9	29816.3	30832.9	30881.4	30324.7	28529.5	27163.1	24854.4	21978.7
20°	45666.4	45577.6	46033.7	43964.9	46033.7	45577.6	45666.4	43066.7	41214.2	37107.1	32782.0
17.5°	67365.2	70929.1	73642.5	73382.6	73642.5	70929.1	67365.2	62466.3	57970.4	52455.4	45283.9
15°	90415.1	95800.1	99480.8	99719.7	99480.8	95800.1	90415.1	83812.5	75370.8	67532.0	57218.4
12.5°	110451.8	116210.7	119336.7	118861.7	119336.7	116210.7	110451.8	101656.9	90779.5	79183.7	67261.4
10°	123215.7	127648.3	130938.2	131755.4	130938.2	127648.3	123215.7	115838.8	103584.3	90327.5	75049.0
7.5°	128333.9	132482.4	135350.2	135307.2	135350.2	132482.4	128333.9	122094.1	111084.9	97237.8	81184.8
5°	129281.0	133365.6	134988.8	135296.5	134988.8	133365.6	129281.0	123479.0	113592.9	99732.6	83175.3
2.5°	130212.5	133598.9	135363.2	134692.8	135363.2	133598.9	130212.5	123955.6	115367.8	102638.4	85995.6
0°	130577.0	133291.8	134670.5	134243.8	134670.5	133291.8	130577.0	125683.4	117368.8	105126.1	86559.9
-2.5°	130452.2	132238.0	133405.0	133001.5	133405.0	132238.0	130452.2	125146.2	116703.3	104245.9	86919.8
-5°	127113.9	128651.7	129195.5	129493.4	129195.5	128651.7	127113.9	122332.5	114281.5	101384.8	84938.0
-7.5°	116386.0	118407.3	117757.3	118737.8	117757.3	118407.3	116386.0	112879.5	106538.6	94524.0	78332.4
-10°	105773.1	107740.2	107065.4	107697.7	107065.4	107740.2	105773.1	101773.5	95284.2	84632.6	69667.4
-12.5°	95765.5	98239.8	98203.1	99100.5	98203.1	98239.8	95765.5	90260.4	83504.5	72549.0	61119.9
-15°	83733.9	86885.2	88601.4	89702.3	88601.4	86885.2	83733.9	77203.9	69507.7	60627.7	51514.4
-17.5°	71024.4	75076.9	77964.0	78407.8	77964.0	75076.9	71024.4	64433.5	58022.0	50860.2	44190.6
-20°	61253.4	64906.8	67624.1	68500.6	67624.1	64906.8	61253.4	56398.5	50747.5	45248.8	39049.0



REPORT NUMBER: P1305705 (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°	53068.2	56083.1	58047.7	58531.5	58047.7	56083.1	53068.2	49642.6	44908.6	39292.1	34148.5
-25°	45144.5	46830.2	47861.5	48250.9	47861.5	46830.2	45144.5	42580.4	38666.9	33890.3	29249.4
-27.5°	38695.7	39898.0	40412.9	40615.5	40412.9	39898.0	38695.7	36461.0	33536.9	29504.9	25458.2
-30°	33297.4	34220.6	34786.3	34996.2	34786.3	34220.6	33297.4	31397.3	28911.7	25667.5	22284.6
-32.5°	28853.6	29772.5	30368.7	30582.5	30368.7	29772.5	28853.6	27038.1	24662.4	22061.0	19414.4
-35°	24692.7	25452.4	25995.5	26248.1	25995.5	25452.4	24692.7	23299.1	21243.2	19026.1	17037.0
-37.5°	21014.9	21700.3	22152.6	22293.0	22152.6	21700.3	21014.9	19906.0	18177.6	16511.9	14481.5
-40°	16856.2	17474.7	17818.7	17801.9	17818.7	17474.7	16856.2	15966.4	14387.0	12677.2	10736.4
-42.5°	12077.1	12701.8	13143.4	13475.3	13143.4	12701.8	12077.1	11191.4	9692.4	7976.2	6248.8
-45°	6861.2	7374.5	7705.0	7859.9	7705.0	7374.5	6861.2	6151.4	5090.9	3853.2	2672.9
-47.5°	2988.3	3081.5	3128.3	3128.9	3128.3	3081.5	2988.3	2861.3	2647.6	2377.9	2111.8
-50°	2294.1	2352.6	2386.5	2395.5	2386.5	2352.6	2294.1	2226.3	2132.8	2005.8	1882.4
-52.5°	2007.3	2027.5	2036.6	2037.5	2036.6	2027.5	2007.3	1985.7	1954.9	1891.2	1826.6
-55°	1934.3	1968.0	1981.5	1979.5	1981.5	1968.0	1934.3	1894.6	1847.6	1752.6	1649.9
-57.5°	1672.1	1705.8	1725.3	1731.8	1725.3	1705.8	1672.1	1629.2	1577.8	1478.5	1372.2
-60°	1297.2	1318.3	1336.7	1348.7	1336.7	1318.3	1297.2	1267.6	1229.4	1157.4	1073.1
-62.5°	970.9	988.6	1005.7	1017.8	1005.7	988.6	970.9	947.4	918.6	869.1	807.8
-65°	690.6	699.4	713.6	725.6	713.6	699.4	690.6	676.7	657.6	623.7	578.4
-67.5°	462.7	471.1	476.2	477.9	476.2	471.1	462.7	451.1	436.4	414.3	383.8
-70°	281.8	285.0	291.0	296.1	291.0	285.0	281.8	276.5	268.8	256.3	238.3
-72.5°	170.5	175.6	175.6	174.1	175.6	175.6	170.5	164.6	157.9	150.7	143.0
-75°	96.4	97.7	98.4	98.7	98.4	97.7	96.4	94.6	92.3	89.2	84.5
-77.5°	54.4	55.6	55.0	54.2	55.0	55.6	54.4	53.0	51.4	49.3	46.1
-80°	28.2	28.9	29.0	29.0	29.0	28.9	28.2	27.5	26.8	26.0	25.5
-82.5°	20.6	21.2	20.3	19.3	20.3	21.2	20.6	19.9	19.2	18.5	17.7
-85°	11.5	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.3	11.2	10.6
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7
-90°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.9	5.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	2.9	3.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
82.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.1	4.2	4.2	4.1
80°	3.9	3.9	3.9	4.2	4.4	4.5	4.5	4.7	5.0	5.3	5.4
77.5°	3.9	3.9	4.0	4.5	5.0	5.4	5.8	5.7	5.7	5.7	5.7
75°	4.6	4.7	4.9	5.1	5.4	5.6	6.0	6.3	6.5	6.4	6.2
72.5°	6.8	7.1	7.3	7.4	7.2	7.2	7.4	7.5	7.6	7.7	7.3
70°	9.2	9.9	10.8	11.5	11.6	11.5	11.1	10.5	9.6	9.2	8.5
67.5°	10.8	11.8	13.5	15.6	16.8	17.4	17.1	16.1	15.0	13.9	11.0
65°	12.4	13.6	15.2	17.1	19.2	21.5	24.3	24.6	23.4	20.7	15.0
62.5°	13.5	15.3	16.4	17.6	19.3	22.8	29.0	32.4	33.2	29.2	22.0
60°	11.9	13.7	15.2	16.8	18.3	24.2	33.0	39.7	44.2	37.6	28.4
57.5°	9.6	10.5	12.5	14.6	16.8	24.8	34.9	45.7	52.9	42.9	33.5
55°	11.2	11.6	12.0	12.6	14.3	23.0	33.6	45.0	51.3	44.9	34.5
52.5°	11.5	12.1	12.6	13.2	15.2	21.0	28.8	40.2	43.7	38.4	32.3
50°	13.3	13.4	13.3	13.3	15.6	19.6	25.7	34.2	33.7	31.4	26.3
47.5°	17.1	16.9	15.6	15.3	17.5	18.4	22.9	26.7	27.4	25.1	21.2
45°	31.0	30.4	21.9	22.7	24.1	24.6	22.9	25.2	24.8	22.7	17.9
42.5°	58.2	59.8	60.6	44.8	36.5	36.0	33.6	31.5	29.1	24.3	21.8
40°	81.9	72.3	75.2	75.7	61.7	52.0	52.0	44.2	39.5	33.0	31.2
37.5°	125.3	104.4	111.4	96.6	88.1	83.7	82.7	70.2	53.3	58.4	54.9
35°	246.8	216.3	223.3	190.4	140.2	161.3	137.6	111.8	97.6	99.7	89.8
32.5°	601.2	593.1	483.5	409.3	351.9	311.1	258.0	183.0	191.7	177.5	142.4
30°	2081.5	1544.7	1090.7	971.4	894.1	598.1	444.2	431.2	344.8	287.0	216.1
27.5°	5381.8	3461.8	2613.5	2653.9	1961.3	1323.8	1069.4	870.4	591.9	446.9	341.4
25°	11388.6	8855.4	6620.2	5919.4	4544.3	3001.2	2391.9	1757.1	1115.8	646.9	524.6
22.5°	19692.9	16561.4	13139.0	10507.5	8395.8	6349.1	4677.6	3031.3	1782.9	1034.1	743.5
20°	28151.0	24882.5	20386.4	16316.1	13035.7	9883.9	7570.9	5046.0	3017.1	1624.7	975.8
17.5°	38510.8	33183.7	27302.4	21963.0	18003.7	14190.6	10326.1	7152.2	4456.5	2244.5	1214.0
15°	48559.3	40639.7	33305.7	27194.3	22462.4	16960.8	12660.6	9086.7	6099.8	3228.5	1675.7
12.5°	56502.3	47260.3	38977.1	30748.1	25096.7	19127.5	14815.6	11074.2	7592.8	4254.1	2070.2
10°	62995.9	52482.8	42864.4	34435.1	27569.2	21172.6	16203.1	12026.4	8152.8	4977.3	2430.7
7.5°	66975.8	55903.9	46006.1	36982.4	29661.2	23037.6	17042.5	12418.6	8435.3	5489.0	2749.1
5°	68922.3	58122.9	48051.0	38210.3	31011.6	24565.6	17868.0	12539.7	8475.3	5807.0	3016.1
2.5°	70811.0	59377.0	49212.1	38699.0	31753.4	25617.5	18695.8	12623.4	8552.9	5952.8	3104.4
0°	71565.6	59924.7	49717.6	38821.7	32020.2	25992.7	19452.5	12654.8	8603.0	5955.9	3121.1
-2.5°	70760.6	59175.0	49295.5	38475.3	31731.6	25972.4	19726.9	13609.7	9144.6	6244.9	3209.0
-5°	68914.8	57251.4	47053.8	36995.4	30164.8	24560.0	18892.3	13648.5	9270.2	6281.1	3213.8
-7.5°	64336.6	53719.1	43864.6	34725.5	27956.8	22444.1	17323.1	12721.2	8701.7	5728.5	2954.1
-10°	57758.5	48957.6	39599.2	31545.6	25280.9	20073.1	15680.7	11600.6	7970.4	5067.5	2632.8
-12.5°	51047.1	42997.5	34838.8	27649.9	22174.3	17367.5	13803.2	10301.9	7076.5	4317.0	2259.3
-15°	43355.0	35911.2	29808.7	24131.4	18877.1	14700.6	11832.1	9016.4	6291.7	3564.7	1840.8
-17.5°	37557.5	30302.3	25351.6	21022.5	16300.5	12468.0	10254.4	8044.0	5529.8	3003.9	1479.0
-20°	33247.5	27640.9	22650.4	18356.0	14413.3	11317.5	9239.7	7125.2	4637.3	2522.0	1400.1



REPORT NUMBER: P1305705 (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°	29708.7	25395.7	20810.9	16239.9	12954.1	10565.4	8429.8	6172.9	3606.6	1917.4	1300.8
-25°	26088.2	22912.9	18860.4	15012.0	11886.7	9617.3	7377.7	4889.6	2819.5	1538.7	1194.6
-27.5°	22593.3	19803.0	16920.8	13640.3	11096.5	8446.9	5914.7	3537.6	1954.8	1399.5	1156.1
-30°	19351.9	17018.2	14748.7	12496.3	9897.1	7145.4	4220.6	2528.1	1597.0	1273.4	1116.1
-32.5°	16804.9	15012.6	13112.8	10908.5	8255.7	5279.9	3088.3	1756.3	1407.4	1221.0	1119.4
-35°	15146.2	13197.5	11180.5	8592.7	5891.4	3572.5	1970.7	1558.1	1314.5	1179.7	1135.1
-37.5°	12599.1	10683.2	8047.6	5567.5	3552.1	2127.5	1696.8	1432.2	1252.1	1193.0	1101.2
-40°	8723.2	6570.6	4711.3	2838.6	2123.7	1762.8	1537.8	1359.8	1284.2	1172.3	1042.1
-42.5°	4783.0	3213.7	2322.2	2020.0	1748.7	1603.0	1468.3	1394.8	1278.2	1118.7	952.2
-45°	2396.6	2132.1	1880.9	1757.3	1623.9	1549.8	1503.5	1365.0	1202.2	1022.5	848.4
-47.5°	1957.9	1844.8	1735.5	1672.0	1614.0	1542.2	1407.3	1261.3	1074.4	901.4	757.8
-50°	1792.2	1745.6	1701.9	1641.8	1517.4	1391.2	1247.6	1093.9	929.5	785.6	658.6
-52.5°	1752.8	1654.7	1555.5	1452.7	1326.7	1187.9	1048.9	920.9	785.8	667.6	559.3
-55°	1539.4	1430.6	1324.4	1212.5	1099.0	987.1	871.1	758.0	654.0	551.2	461.2
-57.5°	1264.8	1164.1	1073.3	984.1	897.5	801.3	704.1	609.9	527.0	443.8	363.9
-60°	984.9	897.9	835.8	769.5	698.9	620.2	545.6	473.4	404.1	341.5	277.6
-62.5°	744.0	678.5	625.8	572.6	516.6	456.8	399.0	348.4	297.7	246.1	204.2
-65°	530.7	481.1	436.1	398.5	359.8	319.7	276.6	241.0	209.2	175.7	142.1
-67.5°	351.1	316.4	284.7	257.7	236.8	214.3	188.7	161.4	140.8	123.3	104.6
-70°	219.7	201.0	183.6	166.6	152.4	140.0	126.1	111.4	96.7	83.6	70.3
-72.5°	134.5	125.4	116.2	107.0	97.3	88.8	80.0	70.1	59.8	49.0	40.6
-75°	79.2	73.3	67.0	61.3	55.2	48.5	43.9	39.7	35.6	31.4	27.2
-77.5°	43.0	39.9	37.2	35.0	32.6	29.9	26.9	24.2	22.7	21.0	19.4
-80°	25.0	24.2	23.4	22.4	21.4	20.4	19.4	18.1	16.8	15.5	14.4
-82.5°	16.9	16.1	15.2	14.8	14.3	13.8	13.2	12.4	11.7	11.0	10.4
-85°	10.1	9.5	9.0	8.9	8.9	8.9	9.0	8.9	8.8	8.6	8.5
-87.5°	5.7	5.8	5.8	6.2	6.6	7.0	7.4	7.3	7.3	7.2	7.1
-90°	2.9	3.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9



REPORT NUMBER: P1305705 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.3
85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.3
82.5°	3.9	3.9	3.9	3.9	4.2	4.4	4.5	4.4	4.6	4.9	5.4
80°	4.8	4.4	4.1	4.0	4.5	4.9	5.2	5.2	5.1	5.2	5.5
77.5°	5.4	4.9	4.3	4.0	4.5	5.0	5.4	5.8	5.7	5.5	5.6
75°	5.8	5.6	5.2	4.8	4.8	5.0	5.5	5.8	5.8	5.8	5.7
72.5°	6.6	6.1	5.8	5.8	5.5	5.4	5.6	5.8	5.8	5.8	5.8
70°	7.6	6.6	5.9	5.8	5.8	5.8	5.7	5.8	5.8	5.8	5.8
67.5°	8.7	7.7	6.6	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	11.6	9.2	7.6	6.7	6.0	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	15.6	10.7	8.7	7.5	6.4	5.9	5.8	5.8	5.8	5.8	5.8
60°	21.1	14.6	10.3	8.8	7.3	6.0	5.8	5.8	5.8	5.8	5.8
57.5°	24.7	18.1	13.8	10.6	8.8	6.9	6.0	6.0	5.8	5.8	5.8
55°	26.3	19.7	16.4	12.9	10.3	8.4	6.7	6.3	5.9	5.8	5.9
52.5°	24.6	20.6	18.0	14.6	11.6	9.9	8.1	6.7	6.3	5.8	6.0
50°	20.4	20.6	19.0	16.0	12.5	10.6	9.4	7.7	6.8	5.9	6.1
47.5°	18.2	20.1	19.6	17.2	13.7	11.4	10.2	8.7	7.3	6.5	6.2
45°	19.0	19.3	20.0	18.2	15.2	12.7	10.9	9.6	8.1	7.0	6.3
42.5°	21.6	21.2	20.2	19.4	17.1	14.1	11.5	10.2	8.8	7.6	6.6
40°	28.6	25.2	21.8	21.4	19.4	15.6	12.7	10.8	9.4	8.2	7.1
37.5°	37.8	32.5	26.6	26.0	22.6	18.0	13.9	11.3	10.0	8.8	7.6
35°	66.6	43.0	41.5	36.8	28.6	20.7	15.1	12.0	10.7	9.3	8.1
32.5°	103.2	78.0	73.3	55.0	36.3	23.7	17.1	13.6	11.4	9.9	8.5
30°	172.5	165.4	119.6	78.1	48.8	30.9	20.4	15.5	12.2	10.4	9.0
27.5°	303.6	280.6	187.1	120.5	70.9	40.3	25.5	17.6	13.1	10.9	9.4
25°	453.2	410.0	300.2	177.1	96.2	64.1	31.2	20.1	14.5	11.6	9.8
22.5°	623.7	545.6	432.2	242.2	148.2	95.9	44.1	24.7	16.3	12.3	10.2
20°	793.6	688.6	571.8	324.4	213.8	140.2	67.0	29.6	18.3	12.9	10.5
17.5°	969.2	806.8	647.2	423.6	281.7	188.0	94.0	34.8	20.3	13.6	10.9
15°	1111.5	884.8	713.1	509.4	345.5	238.5	124.2	40.1	22.3	14.3	11.1
12.5°	1228.1	958.1	774.3	582.7	405.3	290.6	156.4	45.5	24.4	14.9	11.3
10°	1333.8	1025.9	830.4	644.5	461.1	343.3	189.7	50.7	26.6	15.5	11.4
7.5°	1427.5	1087.8	881.1	695.9	506.1	376.2	210.3	55.7	28.9	16.0	11.5
5°	1500.5	1137.0	913.5	711.0	510.6	384.5	225.8	60.2	31.1	16.5	11.5
2.5°	1525.5	1170.3	932.9	715.6	511.5	387.9	237.7	64.2	33.1	17.0	11.6
0°	1534.4	1195.8	946.2	714.0	508.9	387.0	245.7	67.7	34.8	17.4	11.6
-2.5°	1547.0	1201.2	961.2	744.0	534.8	400.9	258.8	84.5	45.4	23.3	13.7
-5°	1544.9	1198.5	970.1	767.4	556.3	411.2	268.2	100.2	55.5	28.9	15.7
-7.5°	1492.1	1168.4	962.4	781.2	572.6	418.1	274.0	114.6	64.8	34.1	17.6
-10°	1417.1	1118.9	933.6	773.1	584.1	426.9	277.4	127.3	73.0	38.7	19.2
-12.5°	1329.0	1064.4	906.9	763.7	591.6	437.1	283.8	139.5	80.2	42.5	20.6
-15°	1228.0	1005.8	884.5	754.5	595.4	443.8	285.8	149.9	87.1	46.0	21.6
-17.5°	1124.7	943.9	868.6	747.0	595.7	447.0	283.3	157.4	92.4	49.4	23.2
-20°	1090.7	923.6	858.7	742.4	592.5	446.8	276.1	161.9	95.9	51.7	25.1



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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°	1061.9	942.3	857.8	734.5	586.7	443.1	264.3	162.9	97.4	52.9	26.4
-25°	1030.8	962.5	852.0	714.3	577.8	426.3	256.4	160.4	96.8	52.8	27.1
-27.5°	1036.6	974.0	837.0	685.3	550.9	403.9	252.7	159.3	95.0	51.4	27.2
-30°	1059.5	950.9	802.1	648.7	518.6	366.3	244.1	155.5	93.3	50.5	26.5
-32.5°	1063.6	916.7	753.5	609.0	475.9	327.8	227.0	148.7	89.6	49.6	26.3
-35°	1016.1	860.8	695.4	563.0	429.4	303.2	207.3	138.9	84.1	47.8	25.9
-37.5°	962.9	791.9	639.7	511.6	381.9	274.3	190.0	126.1	76.6	44.9	24.9
-40°	880.6	722.3	583.4	459.0	342.6	241.4	169.8	113.7	71.0	41.0	23.4
-42.5°	792.3	655.2	526.5	406.5	302.1	216.0	147.9	99.7	64.4	37.8	21.2
-45°	713.3	584.9	466.1	357.5	259.5	187.7	130.6	85.2	56.8	34.6	19.1
-47.5°	630.2	513.7	404.8	304.2	224.8	159.1	111.7	75.8	48.6	30.6	17.6
-50°	547.0	440.5	341.6	257.5	186.6	136.1	93.4	65.6	42.8	25.6	15.7
-52.5°	460.8	366.6	282.6	210.5	156.2	111.2	80.8	54.8	36.4	22.1	13.6
-55°	373.8	297.1	225.3	170.9	126.2	93.6	67.3	46.6	29.3	19.1	11.3
-57.5°	294.9	228.2	178.8	135.2	102.4	77.0	55.5	37.6	24.6	15.8	11.0
-60°	220.0	177.6	136.9	107.3	82.4	61.4	44.2	29.4	20.3	12.9	10.7
-62.5°	164.8	131.1	107.3	83.4	63.8	47.2	33.2	23.9	15.6	12.2	10.2
-65°	120.8	99.8	79.5	62.4	46.7	34.2	26.2	18.1	13.7	11.3	9.7
-67.5°	86.0	71.0	56.6	42.2	33.3	26.0	18.9	15.0	12.4	10.4	9.2
-70°	57.2	44.7	37.0	30.6	24.1	18.4	15.6	13.1	10.9	9.8	8.7
-72.5°	35.8	30.9	25.8	20.6	17.9	15.3	13.0	11.3	10.3	9.2	8.2
-75°	23.1	20.8	18.7	16.5	14.3	12.3	11.4	10.5	9.6	8.6	8.0
-77.5°	17.7	15.9	14.1	12.8	11.9	11.0	10.4	9.8	9.0	8.3	7.9
-80°	13.3	12.4	11.5	10.8	10.2	9.7	9.4	9.0	8.5	8.0	7.8
-82.5°	9.8	9.6	9.3	9.1	8.9	8.7	8.5	8.2	7.9	7.7	7.5
-85°	8.4	8.3	8.1	8.0	7.8	7.7	7.6	7.4	7.3	7.1	6.9
-87.5°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.4
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
82.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
80°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
77.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8
55°	6.0	5.8	5.8	5.8	5.8	5.8	5.8
52.5°	6.2	5.8	5.8	5.8	5.8	5.8	5.8
50°	6.3	6.0	5.8	5.8	5.8	5.8	5.8
47.5°	6.5	6.2	5.8	5.8	5.8	5.8	5.8
45°	6.6	6.4	5.8	5.8	5.8	5.8	5.8
42.5°	6.7	6.6	5.8	5.8	5.8	5.8	5.8
40°	6.8	6.9	5.9	5.8	5.8	5.8	5.8
37.5°	6.9	7.1	6.1	5.9	5.8	5.8	5.8
35°	7.0	7.3	6.3	5.9	5.8	5.8	5.8
32.5°	7.2	7.4	6.5	6.0	5.8	5.8	5.8
30°	7.6	7.4	6.7	6.1	5.8	5.8	5.8
27.5°	7.9	7.5	6.9	6.2	5.8	5.8	5.8
25°	8.3	7.6	7.1	6.3	5.8	5.8	5.8
22.5°	8.6	7.7	7.2	6.4	5.8	5.8	5.8
20°	8.9	7.7	7.4	6.6	5.8	5.8	5.8
17.5°	9.1	7.7	7.5	6.7	5.8	5.8	5.8
15°	9.3	7.7	7.6	6.8	5.8	5.8	5.8
12.5°	9.4	7.7	7.6	7.0	5.8	5.8	5.8
10°	9.5	7.7	7.7	7.1	5.8	5.8	5.8
7.5°	9.6	7.7	7.7	7.3	5.8	5.8	5.8
5°	9.7	7.7	7.7	7.4	5.8	5.8	5.8
2.5°	9.7	7.7	7.7	7.6	5.8	5.8	5.8
0°	9.7	7.7	7.7	7.7	5.8	5.8	5.8
-2.5°	10.2	7.9	7.7	7.7	5.9	5.8	5.8
-5°	10.7	8.1	7.7	7.7	6.0	5.8	5.8
-7.5°	11.1	8.3	7.7	7.7	6.0	5.8	5.8
-10°	11.4	8.5	7.7	7.6	6.1	5.8	5.8
-12.5°	11.8	8.7	7.7	7.6	6.2	5.8	5.8
-15°	12.0	8.8	7.7	7.6	6.3	5.8	5.8
-17.5°	12.2	8.9	7.7	7.6	6.3	5.8	5.8
-20°	12.7	8.9	7.7	7.5	6.4	5.8	5.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.7	8.9	7.7	7.5	6.4	5.8	5.8
-25°	14.4	9.1	7.7	7.5	6.5	5.8	5.8
-27.5°	14.8	9.2	7.7	7.5	6.5	5.8	5.8
-30°	14.8	9.3	7.7	7.5	6.5	5.8	5.8
-32.5°	14.4	9.2	7.8	7.5	6.5	5.8	5.8
-35°	14.2	8.9	7.9	7.6	6.5	5.8	5.8
-37.5°	13.9	8.7	8.0	7.6	6.5	5.8	5.8
-40°	13.3	8.8	8.0	7.7	6.4	5.8	5.8
-42.5°	12.6	8.9	8.0	7.7	6.4	5.8	5.8
-45°	11.6	8.9	8.0	7.7	6.4	5.8	5.8
-47.5°	10.3	8.9	8.0	7.7	6.3	5.8	5.8
-50°	10.1	8.8	8.0	7.6	6.2	5.8	5.8
-52.5°	9.9	8.7	8.0	7.4	6.1	5.8	5.8
-55°	9.8	8.6	7.9	7.2	6.0	5.8	5.8
-57.5°	9.5	8.5	7.8	7.1	5.9	5.8	5.8
-60°	9.3	8.3	7.7	6.9	5.8	5.8	5.8
-62.5°	8.9	8.1	7.5	6.7	5.8	5.8	5.8
-65°	8.6	7.8	7.3	6.6	5.8	5.8	5.8
-67.5°	8.2	7.6	7.2	6.4	5.8	5.8	5.8
-70°	7.8	7.5	7.0	6.2	5.8	5.8	5.8
-72.5°	7.7	7.4	6.9	6.2	5.8	5.8	5.8
-75°	7.7	7.3	6.7	6.1	5.8	5.8	5.8
-77.5°	7.7	7.2	6.6	6.1	5.8	5.8	5.8
-80°	7.7	7.0	6.4	6.0	5.8	5.8	5.8
-82.5°	7.3	6.7	6.3	6.0	5.8	5.8	5.8
-85°	6.8	6.4	6.1	5.9	5.8	5.8	5.8
-87.5°	6.3	6.1	6.0	5.9	5.8	5.8	5.8
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8

(END OF REPORT)