

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: P1305605 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

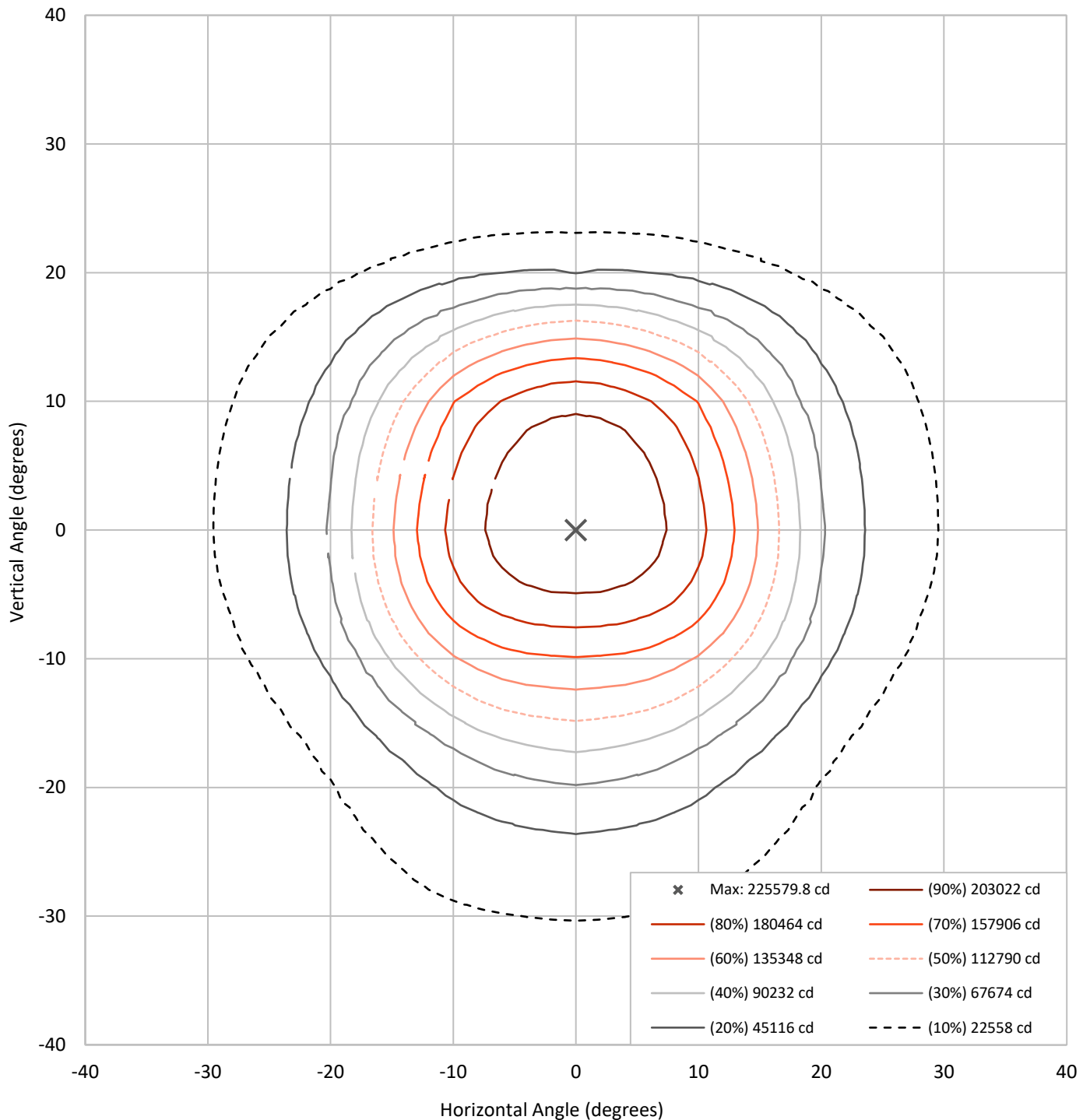
Test Method: LM-79-08
Report Number: P1305605 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-4S-CV1-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	76859.6 lumens	Max Intensity:	225579.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	42006.8 lumens	Field Lumens:	67686.6 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





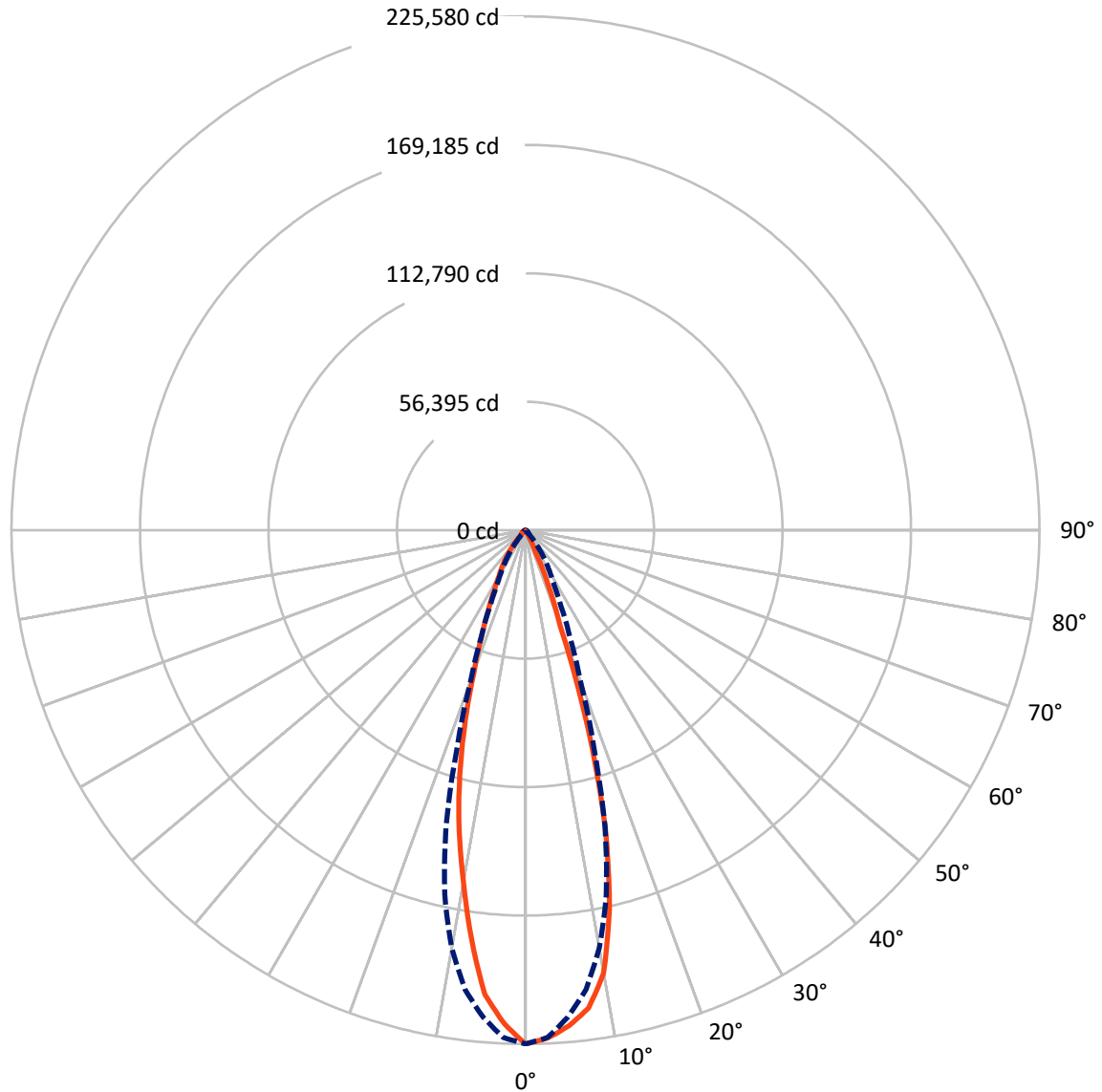
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Lumen Table

90	0.1	0.1	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.1									
80	0.1	0.1	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.1									
70	0.1	0.0	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.0	0.1			
60		0.1	0.3	0.8	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.8	0.3	0.1				
50	0.1	0.1	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.9	0.7	0.6	0.5	0.4	0.1	0.1			
40		0.2	0.8	2.3	4.2	7.2	11.0	13.6	13.6	11.0	7.2	4.2	2.3	0.8	0.2				
30	0.1	0.4	3.8	11.5	45.6	142.5	285.2	463.1	463.1	285.2	142.5	45.6	11.5	3.8	0.4	0.1			
20		1.2	8.5	27.9	188.5	644.0	1922.0	3583.3	3583.3	1922.0	644.0	188.5	27.9	8.5	1.2				
10	0.2	1.9	11.7	39.8	293.8	1046.4	3588.1	6145.7	6145.7	3588.1	1046.4	293.8	39.8	11.7	1.9	0.2			
0		2.4	12.5	40.9	290.0	1009.4	3473.0	5720.6	5720.6	3473.0	1009.4	290.0	40.9	12.5	2.4				
-10	0.4	2.9	12.0	31.6	172.4	570.3	1752.6	3124.1	3124.1	1752.6	570.3	172.4	31.6	12.0	2.9	0.4			
-20		3.0	11.5	24.4	81.2	309.2	712.2	1136.2	1136.2	712.2	309.2	81.2	24.4	11.5	3.0				
-30	0.4	2.4	10.3	20.8	40.1	114.9	287.6	436.9	436.9	287.6	114.9	40.1	20.8	10.3	2.4	0.4			
-40		1.6	7.5	17.8	30.0	45.7	69.5	94.4	94.4	69.5	45.7	30.0	17.8	7.5	1.6				
-50	0.2	0.8	3.9	11.6	22.5	32.5	41.7	47.7	47.7	41.7	32.5	22.5	11.6	3.9	0.8	0.2			
-60		0.3	1.4	4.1	9.0	15.1	21.3	24.7	24.7	21.3	15.1	9.0	4.1	1.4	0.3				
-70	0.1	0.7	2.9	7.2	9.6	7.2	2.9	0.7	0.1							0.1			
-80		0.1	0.7	2.9	7.2	9.6	7.2	2.9	0.7	0.1									
-90	0.1	0.7	2.9	7.2	9.6	7.2	2.9	0.7	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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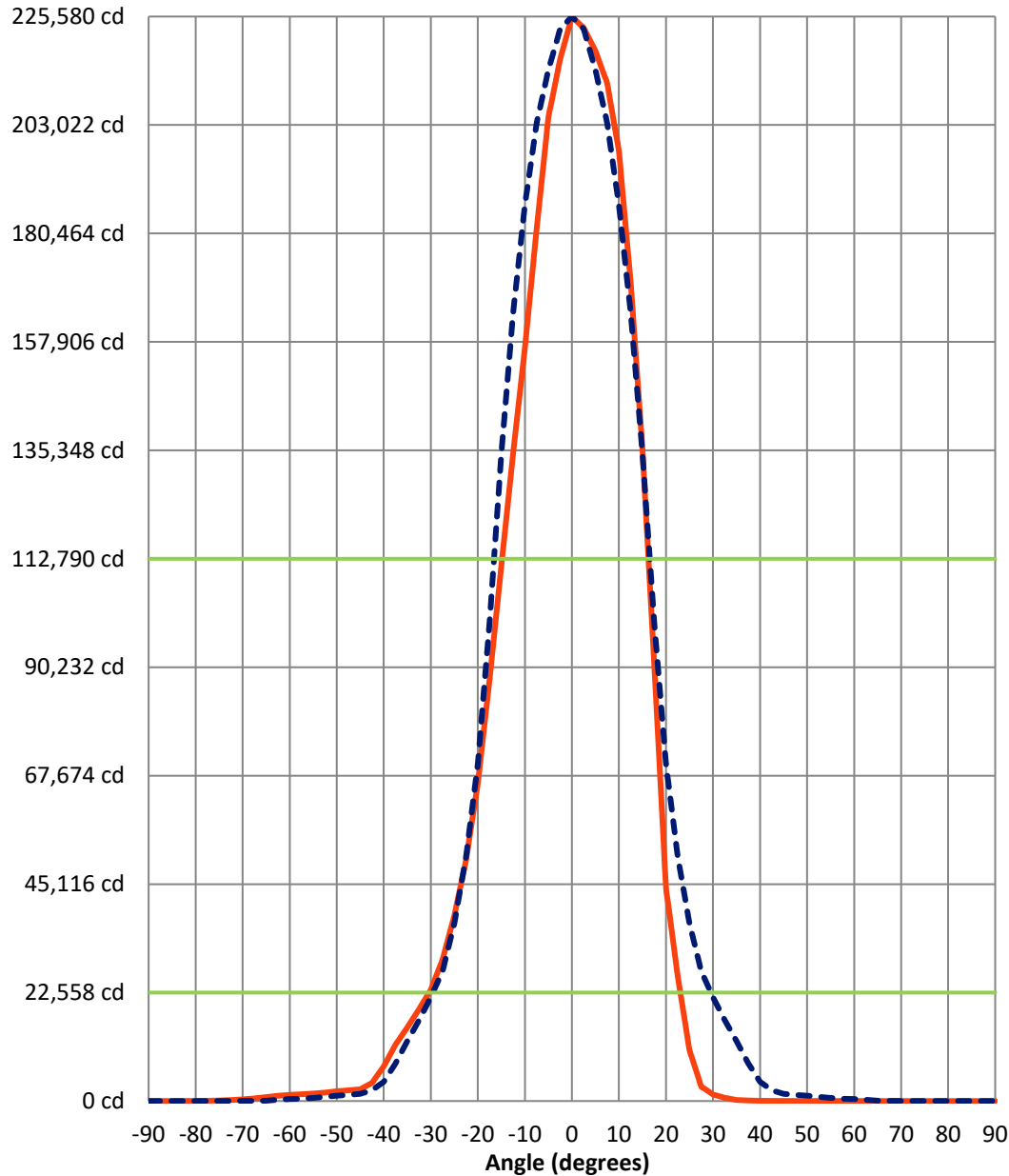
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 42006.8
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 67686.6
 Efficiency: 88.1%

Spill:
 Lumens: 9173
 Efficiency: 11.9%

— 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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	3.9	2.9	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.9	1.9
85°	3.9	3.0	2.3	2.3	2.2	2.1	1.9	1.9	1.9	1.9	1.9
82.5°	3.9	3.0	2.4	2.5	2.4	2.2	1.9	1.9	1.9	2.0	1.9
80°	3.9	3.1	2.6	2.7	2.6	2.4	2.0	2.2	2.3	2.2	1.9
77.5°	3.9	3.1	2.8	2.9	2.8	2.6	2.5	2.7	2.7	2.4	2.2
75°	3.9	3.2	3.0	3.1	3.0	2.9	3.0	3.2	3.1	2.9	3.0
72.5°	3.9	3.2	3.1	3.3	3.2	3.2	3.5	3.6	3.4	3.4	3.8
70°	3.9	3.3	3.3	3.5	3.3	3.5	3.9	3.7	3.7	3.9	3.9
67.5°	3.9	3.3	3.5	3.6	3.5	3.8	3.9	3.8	3.9	3.9	3.9
65°	3.9	3.4	3.6	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	3.9	3.4	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	3.9
60°	3.9	3.5	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9
57.5°	3.9	3.5	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
55°	3.9	3.6	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
52.5°	3.9	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
50°	3.9	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.1
47.5°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	6.4
45°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9	4.0	5.0	7.6
42.5°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	4.0	4.1	6.1	9.2
40°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	4.1	4.5	7.1	10.8
37.5°	3.9	3.8	3.9	3.9	3.9	3.9	3.9	4.3	5.5	8.4	12.5
35°	3.9	3.8	3.9	3.9	3.9	3.9	3.9	4.5	6.5	9.9	14.0
32.5°	3.9	3.8	3.9	3.9	3.9	3.9	4.0	4.8	7.4	11.4	15.4
30°	3.9	3.8	3.9	3.9	3.9	3.9	4.2	5.2	8.3	12.8	17.1
27.5°	3.9	3.8	3.9	3.9	3.9	3.9	4.4	5.9	9.2	14.1	19.1
25°	3.9	3.9	3.9	3.9	3.9	3.9	4.6	6.6	10.3	15.5	21.4
22.5°	3.9	3.9	3.9	3.9	3.9	3.9	4.8	7.2	11.3	17.2	26.0
20°	3.9	3.9	3.9	3.9	3.9	4.1	5.1	7.8	12.2	19.0	31.0
17.5°	3.9	3.9	3.9	3.9	3.9	4.2	5.4	8.3	13.1	20.8	36.3
15°	3.9	3.9	3.9	3.9	3.9	4.4	5.8	9.0	13.9	22.7	41.7
12.5°	3.9	3.9	3.9	3.9	3.9	4.7	6.2	9.8	15.1	24.6	47.3
10°	3.9	3.9	3.9	3.9	3.9	4.9	6.6	10.6	16.9	27.9	53.0
7.5°	3.9	3.9	3.9	3.9	3.9	5.1	6.9	11.5	18.6	31.4	59.0
5°	3.9	3.9	3.9	3.9	3.9	5.4	7.2	12.2	20.3	34.7	64.6
2.5°	3.9	3.9	3.9	3.9	3.9	5.6	7.5	12.9	21.9	37.9	69.6
0°	3.9	3.9	3.9	3.9	3.9	5.8	7.8	13.6	23.4	40.9	74.0
-2.5°	3.9	3.9	3.9	3.9	4.1	6.4	9.6	17.2	31.4	55.2	95.4
-5°	3.9	3.9	3.9	3.9	4.2	7.1	11.3	20.7	39.1	68.9	115.7
-7.5°	3.9	3.9	3.9	3.9	4.4	7.6	13.0	24.0	46.2	81.6	134.6
-10°	3.9	3.9	3.9	3.9	4.5	8.1	14.5	27.0	52.6	93.1	151.7
-12.5°	3.9	3.9	3.9	3.9	4.7	8.5	15.8	29.6	58.0	102.9	166.8
-15°	3.9	3.9	3.9	3.9	4.8	8.9	16.9	31.8	62.4	110.5	179.2
-17.5°	3.9	3.9	3.9	3.9	4.8	9.1	17.7	33.8	65.8	116.1	188.3
-20°	3.9	3.9	3.9	3.9	4.9	9.3	18.5	35.7	67.9	119.7	194.0



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 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.9	3.9	3.9	3.9	4.9	9.3	19.2	36.9	68.6	121.0	195.7
-25°	3.9	3.9	3.9	3.9	4.9	9.4	19.5	37.4	67.9	119.9	193.3
-27.5°	3.9	3.9	3.9	3.9	4.9	9.3	19.4	37.2	65.6	117.2	191.5
-30°	3.9	3.9	3.9	3.9	4.8	9.1	18.9	36.2	64.1	114.5	186.6
-32.5°	3.9	3.9	3.9	3.9	4.9	8.8	18.0	35.4	62.9	109.5	178.2
-35°	3.9	3.9	3.9	3.9	4.9	8.2	17.3	34.2	60.6	102.4	166.3
-37.5°	3.9	3.9	3.9	3.9	4.9	7.8	16.5	32.4	57.1	93.0	151.6
-40°	3.9	3.9	3.9	3.9	4.9	7.8	15.6	29.9	52.6	86.3	136.7
-42.5°	3.9	3.9	3.9	3.9	4.9	7.7	14.3	26.7	48.4	78.7	119.6
-45°	3.9	3.9	3.9	4.0	5.0	7.6	12.8	23.8	43.9	70.1	101.8
-47.5°	3.9	3.9	3.9	4.0	5.0	7.4	11.0	21.6	38.6	60.5	91.0
-50°	3.9	3.9	3.9	4.0	5.0	7.2	10.4	19.0	31.9	52.7	79.1
-52.5°	3.9	3.9	3.9	4.1	5.0	6.9	10.0	16.1	27.0	44.0	66.6
-55°	3.9	3.9	3.9	4.1	4.9	6.7	9.6	13.1	22.9	34.4	55.4
-57.5°	3.9	3.9	3.9	4.1	4.7	6.4	9.1	12.4	18.6	28.4	43.3
-60°	3.9	3.9	3.9	4.0	4.6	6.1	8.5	11.6	14.8	23.2	32.6
-62.5°	3.9	3.9	3.9	4.0	4.5	5.8	7.9	10.7	13.7	17.8	26.5
-65°	3.9	3.9	3.9	4.0	4.4	5.4	7.3	9.8	12.4	15.5	20.2
-67.5°	3.9	3.9	3.9	4.0	4.3	5.0	6.5	8.8	11.1	13.9	17.0
-70°	3.9	3.9	3.9	3.9	4.2	4.8	5.7	7.8	10.0	12.2	14.9
-72.5°	3.9	3.9	3.9	3.9	4.1	4.5	5.3	6.8	8.8	10.9	12.9
-75°	3.9	3.9	3.9	3.9	3.9	4.3	4.9	6.1	7.6	9.5	11.4
-77.5°	3.9	3.9	3.9	3.9	3.9	4.0	4.4	5.4	6.7	8.2	9.9
-80°	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.8	5.8	7.0	8.4
-82.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.3	4.9	5.8	6.8
-85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.2	4.5	5.0	5.5
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.2	4.4	4.7
-90°	3.9	2.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.5	2.7
80°	1.9	1.9	2.0	1.9	2.1	2.4	2.9	3.5	3.8	3.9	3.9
77.5°	2.4	2.4	2.3	2.0	2.3	2.8	3.3	3.8	3.9	3.9	3.9
75°	3.1	3.0	2.6	2.1	2.2	2.7	3.2	3.7	3.9	3.9	3.9
72.5°	3.6	3.1	2.6	2.2	2.5	3.2	3.7	3.9	4.8	6.0	6.7
70°	3.7	3.2	3.0	3.1	3.5	4.3	6.0	8.2	10.2	11.0	11.8
67.5°	3.8	3.5	3.6	4.1	5.5	7.4	9.8	12.9	15.9	17.0	18.2
65°	3.9	3.8	4.4	5.7	7.6	10.6	13.9	17.5	22.8	25.5	26.7
62.5°	3.9	4.2	5.2	7.3	10.5	14.0	18.5	24.3	31.3	35.9	35.7
60°	3.9	4.4	6.5	9.7	13.3	17.5	23.3	31.3	41.4	48.5	43.7
57.5°	3.9	5.2	8.4	11.9	15.9	20.6	28.5	38.5	47.6	57.2	49.0
55°	4.5	6.7	10.1	13.9	18.5	24.1	31.9	39.8	49.7	53.4	44.6
52.5°	6.0	8.2	11.6	16.0	21.6	26.1	30.4	37.3	41.1	42.8	36.8
50°	7.4	9.9	13.0	18.4	23.2	25.8	26.4	30.7	32.5	30.9	28.1
47.5°	9.1	11.6	14.8	20.1	23.4	24.6	23.7	24.5	24.4	24.1	20.3
45°	10.8	13.7	17.1	20.7	23.2	22.9	22.5	19.8	22.5	21.7	19.9
42.5°	12.6	15.7	19.1	21.6	22.2	23.4	23.3	24.1	24.2	25.3	27.3
40°	14.2	17.6	21.5	23.2	22.6	26.2	31.5	34.1	30.7	37.0	42.5
37.5°	15.7	20.0	25.1	29.0	26.8	34.7	43.2	57.0	58.9	54.7	69.9
35°	17.0	22.8	33.3	42.5	44.9	48.5	72.5	94.4	107.9	100.0	111.6
32.5°	19.1	25.8	44.4	64.6	80.6	85.1	110.4	156.2	182.9	187.5	179.9
30°	22.4	36.2	61.2	92.5	128.3	160.4	182.6	234.9	278.7	326.4	354.7
27.5°	27.5	49.8	88.0	136.6	190.5	250.5	300.3	340.7	420.7	501.9	571.6
25°	33.3	77.4	118.7	191.7	277.4	360.2	429.5	491.4	596.8	723.5	935.3
22.5°	47.8	112.7	169.9	253.6	374.0	478.8	572.3	668.6	797.2	967.9	1411.0
20°	73.6	156.9	228.3	317.4	473.6	602.4	721.1	842.3	1003.4	1360.7	2332.9
17.5°	103.3	203.0	284.5	387.8	547.9	711.7	874.6	1008.0	1203.1	1730.5	3348.1
15°	135.9	250.4	335.2	452.1	618.3	796.5	978.5	1169.5	1467.0	2223.3	4311.7
12.5°	170.5	298.4	381.0	510.5	684.4	877.2	1061.8	1268.6	1705.3	2971.0	5537.6
10°	205.7	346.2	422.3	563.0	745.7	952.8	1136.2	1352.1	1891.9	3449.6	6393.7
7.5°	228.2	380.1	456.0	609.7	801.8	1022.7	1202.0	1421.0	2050.1	3753.3	6992.1
5°	245.2	397.4	467.1	630.7	838.6	1073.6	1253.0	1476.2	2177.6	3901.9	7405.6
2.5°	258.2	411.0	476.1	643.4	861.1	1097.4	1268.2	1497.0	2230.3	3991.7	7692.1
0°	266.9	420.8	483.2	650.7	876.7	1112.4	1276.1	1507.9	2238.5	4017.3	7831.9
-2.5°	281.5	428.5	497.8	663.8	885.0	1117.2	1282.6	1516.4	2271.2	4137.4	8045.4
-5°	292.2	433.0	510.1	671.9	886.2	1113.8	1282.6	1514.4	2252.3	4095.6	7776.0
-7.5°	299.5	435.0	519.9	674.6	874.4	1089.3	1256.5	1471.2	2134.1	3832.2	7044.7
-10°	304.8	441.3	532.2	670.5	848.5	1049.7	1219.6	1418.8	1981.9	3462.1	6197.3
-12.5°	313.0	451.7	544.2	664.5	821.4	1004.2	1176.9	1357.9	1797.3	2985.6	5239.4
-15°	317.1	460.2	555.3	657.5	794.8	953.7	1128.4	1289.3	1590.5	2410.5	4176.0
-17.5°	317.2	467.3	565.9	650.4	770.2	898.9	1079.9	1239.5	1444.7	2056.8	3434.7
-20°	313.2	473.3	576.1	644.0	749.9	864.8	1040.3	1204.5	1385.1	1792.0	2699.3



REPORT NUMBER: P1305605 (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°	305.1	478.5	582.8	649.1	742.4	850.7	995.0	1162.5	1323.1	1509.1	2137.9
-25°	299.8	465.6	583.6	654.3	734.6	835.6	946.2	1113.1	1265.3	1444.4	1842.1
-27.5°	296.3	448.0	573.0	655.6	724.9	820.9	918.0	1055.0	1221.0	1387.4	1569.3
-30°	287.1	416.0	558.2	649.6	720.9	807.4	898.9	1002.1	1170.2	1331.5	1499.0
-32.5°	268.8	382.4	525.3	630.0	714.5	792.4	879.5	972.4	1105.4	1271.8	1425.6
-35°	247.7	356.3	484.7	605.5	701.8	777.6	857.2	945.0	1042.9	1194.0	1365.1
-37.5°	228.1	326.0	443.1	569.3	670.4	762.2	831.6	914.8	1005.8	1110.0	1280.8
-40°	204.7	291.6	403.9	522.8	636.2	736.8	815.0	881.7	965.7	1071.8	1177.8
-42.5°	178.8	261.8	361.8	475.1	587.3	694.6	795.8	860.8	935.1	1034.0	1135.4
-45°	157.4	228.0	316.7	421.5	529.6	641.5	744.3	845.9	917.1	996.4	1092.7
-47.5°	133.4	193.2	274.4	363.7	466.8	573.1	683.3	788.8	897.4	973.4	1048.9
-50°	110.4	163.6	227.4	309.6	399.4	499.6	603.2	719.2	828.5	934.4	1022.0
-52.5°	95.9	131.2	188.4	254.8	334.6	421.8	520.7	627.8	740.6	853.0	949.3
-55°	80.3	109.9	149.4	206.1	271.3	347.9	432.8	530.9	633.2	740.8	842.8
-57.5°	65.2	90.8	120.1	159.8	215.0	275.3	349.0	429.8	521.6	616.9	702.1
-60°	50.0	71.8	96.9	125.7	160.8	212.5	265.3	332.1	408.5	485.4	559.7
-62.5°	35.5	53.2	74.3	98.0	125.6	153.7	195.9	244.6	295.3	357.7	419.3
-65°	28.4	36.8	52.3	72.2	93.3	117.5	142.6	168.3	209.6	250.9	290.4
-67.5°	21.0	28.4	36.3	46.7	64.7	82.7	102.3	124.6	147.2	168.2	193.4
-70°	17.8	20.5	26.5	33.7	40.7	49.2	64.9	81.8	99.2	115.8	133.3
-72.5°	15.3	17.8	20.3	22.7	28.3	33.6	38.5	43.0	53.0	66.8	80.1
-75°	13.1	15.1	17.3	19.6	21.4	23.0	25.2	29.4	33.6	37.6	41.4
-77.5°	11.1	12.4	14.1	16.1	17.7	18.8	20.1	21.5	23.3	25.4	27.6
-80°	9.1	9.7	10.6	11.9	13.3	14.5	15.6	16.4	17.6	18.9	20.4
-82.5°	7.3	7.7	8.2	8.6	9.4	10.3	11.3	12.3	13.0	13.7	14.4
-85°	5.7	5.8	6.1	6.4	6.7	7.2	7.7	8.2	8.8	9.4	9.9
-87.5°	4.8	4.8	4.9	5.0	5.1	5.1	5.2	5.2	5.7	6.1	6.6
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1305605 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.3	7.8	7.8	7.8
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.8	2.7	2.5	2.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	3.9	3.6	3.4	3.2	3.2	3.0	2.7	2.3	1.9	1.9	1.9
77.5°	3.9	3.9	3.9	3.9	3.9	3.5	3.0	2.5	2.0	1.9	1.9
75°	3.9	4.0	4.3	4.3	4.0	3.7	3.6	3.5	3.5	3.3	2.9
72.5°	7.0	6.9	6.6	6.5	6.3	6.3	6.3	6.0	5.5	5.4	5.5
70°	12.4	12.8	12.8	12.3	11.1	10.0	9.2	8.4	7.6	7.1	6.8
67.5°	19.2	19.4	18.3	16.6	13.8	11.4	10.3	9.3	8.3	8.0	8.4
65°	26.6	24.2	21.3	18.1	14.7	11.5	10.7	10.0	9.4	9.5	10.2
62.5°	32.9	26.5	21.3	17.6	14.5	11.5	10.6	9.7	8.9	8.4	8.3
60°	36.3	26.7	19.2	15.9	12.9	10.1	9.0	8.4	8.0	7.8	7.8
57.5°	36.4	25.2	16.7	13.7	11.0	8.7	7.8	7.8	7.8	7.8	7.8
55°	32.3	22.0	14.3	11.8	10.0	8.6	7.9	8.1	8.1	7.8	8.2
52.5°	25.4	18.2	13.3	11.0	10.3	9.8	9.6	9.5	9.3	9.0	9.3
50°	20.2	15.2	12.8	11.5	11.5	11.5	11.5	11.7	11.9	12.1	12.2
47.5°	16.9	14.2	14.5	13.3	13.8	15.0	15.3	15.5	16.0	16.1	15.8
45°	17.3	20.1	20.6	20.4	20.1	22.9	22.7	20.8	23.3	24.1	23.5
42.5°	28.7	31.0	32.6	34.1	35.8	37.9	39.1	38.5	40.7	40.7	38.1
40°	48.4	46.1	49.8	54.2	58.2	59.7	63.4	67.2	68.6	67.8	65.2
37.5°	79.4	75.9	76.3	86.2	95.3	84.5	100.4	106.7	102.7	116.9	119.7
35°	131.9	145.8	125.7	161.2	178.9	170.2	189.2	226.7	197.7	250.8	263.8
32.5°	234.4	268.0	289.0	319.0	363.1	421.1	435.8	528.3	557.9	600.7	646.9
30°	383.1	477.8	652.1	684.5	726.6	926.6	981.6	1031.9	1137.1	1218.3	1356.2
27.5°	696.2	951.4	1315.9	1636.7	1613.2	1951.5	2328.0	1906.4	2532.0	2281.1	2881.1
25°	1303.8	1866.3	2745.1	3595.3	4001.1	4690.5	5552.7	5389.5	6527.2	6606.2	8284.1
22.5°	2479.7	3702.0	5045.6	6491.0	7893.1	9444.8	10935.9	12499.1	14849.2	18096.2	21252.1
20°	4057.2	5854.2	8024.4	10262.3	12635.5	15048.8	17852.5	22600.5	27468.6	34226.1	38999.9
17.5°	5766.4	8626.6	11290.6	14063.3	17381.2	21392.4	27192.0	35304.8	45145.2	55246.5	63060.9
15°	7259.5	10495.1	14335.0	18031.6	22157.2	28178.4	37287.3	49303.9	63937.8	79294.0	97863.3
12.5°	8704.1	12083.8	16256.8	20932.5	26538.8	35156.9	46964.1	63203.4	82589.8	105665.5	129515.5
10°	9825.2	13533.6	18178.1	23443.7	30286.4	40871.2	54592.0	73764.7	102492.3	129732.9	156968.0
7.5°	10701.3	14873.1	19792.7	25319.1	33286.7	45205.1	61620.9	85755.8	116109.0	145582.4	170667.9
5°	11480.0	15974.5	20886.7	26376.1	35446.4	48358.4	66035.9	93599.0	125989.8	154956.6	178827.5
2.5°	12093.4	16694.6	21487.6	26905.5	36836.7	50099.0	68364.2	97808.1	132358.9	160956.7	183750.2
0°	12464.8	16823.0	21588.3	27018.1	36942.3	50887.8	70181.1	99650.0	134630.5	163892.9	186311.2
-2.5°	12331.7	16535.3	21261.6	26687.6	36593.9	50148.6	68719.7	98716.7	132705.5	160083.2	182630.1
-5°	11668.8	15594.3	19983.0	25088.2	34282.5	47340.7	64577.0	91931.0	123878.9	151210.2	172426.9
-7.5°	10623.7	14279.1	18308.4	23034.5	30985.4	42785.2	58492.1	81770.1	110772.6	135991.0	155137.9
-10°	9454.5	12754.4	16245.4	20431.5	26646.4	36662.4	49778.7	67553.2	92426.9	115101.3	133205.0
-12.5°	8049.1	10794.5	13729.1	17339.1	22049.6	30215.1	41242.7	55661.4	72956.1	93133.3	109614.8
-15°	6588.5	8896.6	11325.6	14711.7	18729.2	23930.6	31857.3	43320.1	56157.7	69938.9	84893.0
-17.5°	5290.7	7244.9	9820.3	12672.4	15734.3	19353.9	25907.9	33719.8	43010.4	52840.2	61865.3
-20°	4250.0	6322.6	8636.3	11116.6	13930.0	17410.5	21436.8	27371.8	34261.5	41807.2	49037.0

REPORT NUMBER: P1305605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3496.2	5354.8	7503.4	9829.8	12676.2	15809.4	19070.1	22794.9	27739.2	33540.6	39094.6
-25°	2662.8	4216.0	6300.2	8646.6	11268.7	14031.8	16678.5	19714.8	23329.4	27104.1	30993.2
-27.5°	2110.7	3207.1	4918.4	7121.8	9548.0	11711.4	13979.0	16507.2	19668.2	22952.2	25116.2
-30°	1722.7	2364.7	3649.2	5370.8	7398.5	9307.7	11169.5	13441.8	15923.2	18280.2	20193.1
-32.5°	1609.3	1896.5	2561.2	3788.1	5311.0	7015.1	8686.6	10714.9	12640.8	14506.0	16150.7
-35°	1529.3	1712.9	1963.6	2603.7	3521.0	4905.8	6433.0	8149.4	9887.6	11394.4	12789.3
-37.5°	1454.7	1614.0	1780.0	1945.1	2461.5	3095.3	4170.9	5528.4	6847.0	8066.3	9267.1
-40°	1348.2	1522.9	1656.9	1798.1	1951.7	2126.2	2689.1	3243.8	3889.3	4824.3	5643.5
-42.5°	1235.2	1380.8	1533.5	1665.7	1794.2	1928.3	2070.2	2211.2	2506.2	2873.1	3173.6
-45°	1188.1	1275.6	1380.6	1518.6	1647.7	1768.2	1883.6	1995.3	2113.2	2220.8	2308.7
-47.5°	1131.6	1211.3	1296.2	1386.2	1481.0	1597.3	1711.5	1825.1	1928.3	2024.1	2100.6
-50°	1079.5	1142.1	1217.9	1294.5	1370.3	1448.3	1527.0	1614.7	1713.3	1810.4	1890.2
-52.5°	1036.9	1094.2	1148.4	1202.7	1268.6	1334.7	1401.0	1470.8	1538.1	1601.7	1651.4
-55°	933.3	1014.0	1093.4	1144.6	1189.1	1234.1	1284.2	1346.8	1406.5	1463.0	1496.3
-57.5°	792.3	885.7	971.6	1032.1	1094.0	1156.8	1208.5	1253.2	1298.3	1341.4	1365.0
-60°	635.5	712.2	790.0	862.1	931.0	996.0	1056.3	1115.1	1169.4	1215.1	1242.9
-62.5°	480.3	544.0	607.1	667.4	725.4	781.9	846.2	908.2	967.2	1015.3	1044.9
-65°	334.4	386.6	435.6	482.5	527.4	575.6	625.5	674.2	720.8	757.8	782.1
-67.5°	227.4	259.6	288.8	316.7	350.9	387.9	424.6	458.7	489.9	514.0	531.0
-70°	151.1	168.3	183.7	201.7	224.1	246.6	269.4	290.4	309.6	324.0	334.8
-72.5°	93.0	104.9	116.0	128.1	139.5	151.3	163.7	175.8	187.5	195.9	202.3
-75°	44.8	50.3	60.1	69.0	77.1	84.6	91.4	97.4	102.6	105.8	108.0
-77.5°	30.5	33.0	35.4	37.9	40.4	43.4	46.5	49.5	52.3	54.4	56.4
-80°	22.0	23.3	24.4	25.4	26.2	27.5	28.9	30.3	31.7	32.2	32.6
-82.5°	15.2	16.3	17.3	18.2	19.2	20.1	20.9	21.8	22.6	23.3	23.9
-85°	10.3	10.8	11.3	11.9	12.5	13.2	13.9	14.5	15.2	15.3	15.4
-87.5°	7.1	7.3	7.4	7.5	7.6	8.1	8.6	9.1	9.6	9.7	9.7
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.0



REPORT NUMBER: P1305605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.3
87.5°	1.9	1.9	0.9	0.0	0.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.3
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.5
75°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.5	3.5
72.5°	5.6	5.7	4.9	3.9	4.9	5.7	5.6	5.5	5.4	5.5	6.0
70°	6.4	5.9	5.8	5.8	5.8	5.9	6.4	6.8	7.1	7.6	8.4
67.5°	8.9	9.5	9.7	9.7	9.7	9.5	8.9	8.4	8.0	8.3	9.3
65°	10.9	11.5	10.8	9.7	10.8	11.5	10.9	10.2	9.5	9.4	10.0
62.5°	8.1	8.0	7.8	7.8	7.8	8.0	8.1	8.3	8.4	8.9	9.7
60°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.0	8.4
57.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
55°	8.8	9.4	9.7	9.7	9.7	9.4	8.8	8.2	7.8	8.1	8.1
52.5°	9.6	9.7	9.7	9.7	9.7	9.7	9.6	9.3	9.0	9.3	9.5
50°	12.1	11.8	11.7	11.7	11.7	11.8	12.1	12.2	12.1	11.9	11.7
47.5°	15.1	14.1	13.6	13.6	13.6	14.1	15.1	15.8	16.1	16.0	15.5
45°	23.6	23.3	23.2	23.4	23.2	23.3	23.6	23.5	24.1	23.3	20.8
42.5°	39.5	40.2	39.5	37.0	39.5	40.2	39.5	38.1	40.7	40.7	38.5
40°	65.3	62.8	59.4	58.4	59.4	62.8	65.3	65.2	67.8	68.6	67.2
37.5°	121.3	121.2	118.4	116.9	118.4	121.2	121.3	119.7	116.9	102.7	106.7
35°	255.1	253.0	239.2	226.0	239.2	253.0	255.1	263.8	250.8	197.7	226.7
32.5°	662.5	697.6	694.4	674.1	694.4	697.6	662.5	646.9	600.7	557.9	528.3
30°	1409.3	1472.2	1458.9	1375.5	1458.9	1472.2	1409.3	1356.2	1218.3	1137.1	1031.9
27.5°	2912.9	3060.2	3189.9	3019.8	3189.9	3060.2	2912.9	2881.1	2281.1	2532.0	1906.4
25°	9964.1	10922.3	11489.1	10608.1	11489.1	10922.3	9964.1	8284.1	6606.2	6527.2	5389.5
22.5°	23780.2	24974.3	25611.5	25975.8	25611.5	24974.3	23780.2	21252.1	18096.2	14849.2	12499.1
20°	43621.0	46174.4	47810.0	44515.1	47810.0	46174.4	43621.0	38999.9	34226.1	27468.6	22600.5
17.5°	73901.4	83318.7	88276.8	90970.7	88276.8	83318.7	73901.4	63060.9	55246.5	45145.2	35304.8
15°	112194.1	124243.3	132380.0	135565.7	132380.0	124243.3	112194.1	97863.3	79294.0	63937.8	49303.9
12.5°	148400.1	160833.2	168340.6	170227.6	168340.6	160833.2	148400.1	129515.5	105665.5	82589.8	63203.4
10°	174152.4	185867.2	194503.2	197535.0	194503.2	185867.2	174152.4	156968.0	129732.9	102492.3	73764.7
7.5°	188488.8	202182.6	209794.1	211688.9	209794.1	202182.6	188488.8	170667.9	145582.4	116109.0	85755.8
5°	196739.7	209112.3	217432.5	218441.4	217432.5	209112.3	196739.7	178827.5	154956.6	125989.8	93599.0
2.5°	202059.7	214159.7	221160.0	223217.5	221160.0	214159.7	202059.7	183750.2	160956.7	132358.9	97808.1
0°	203365.1	214490.4	222947.7	225579.8	222947.7	214490.4	203365.1	186311.2	163892.9	134630.5	99650.0
-2.5°	199412.5	210145.0	215778.5	216691.9	215778.5	210145.0	199412.5	182630.1	160083.2	132705.5	98716.7
-5°	189318.6	197256.0	203759.5	204591.5	203759.5	197256.0	189318.6	172426.9	151210.2	123878.9	91931.0
-7.5°	167877.5	176781.6	180378.6	181352.0	180378.6	176781.6	167877.5	155137.9	135991.0	110772.6	81770.1
-10°	145064.5	152692.5	155240.7	156616.3	155240.7	152692.5	145064.5	133205.0	115101.3	92426.9	67553.2
-12.5°	122730.5	130189.5	132695.9	134687.1	132695.9	130189.5	122730.5	109614.8	93133.3	72956.1	55661.4
-15°	97707.0	105052.2	109101.6	111343.3	109101.6	105052.2	97707.0	84893.0	69938.9	56157.7	43320.1
-17.5°	73319.1	80294.8	85007.9	87750.2	85007.9	80294.8	73319.1	61865.3	52840.2	43010.4	33719.8
-20°	55593.3	60314.4	63941.4	66093.7	63941.4	60314.4	55593.3	49037.0	41807.2	34261.5	27371.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	43426.6	46696.5	48797.6	50172.8	48797.6	46696.5	43426.6	39094.6	33540.6	27739.2	22794.9
-25°	33940.5	36086.5	37445.3	38557.4	37445.3	36086.5	33940.5	30993.2	27104.1	23329.4	19714.8
-27.5°	26873.7	28024.3	28624.9	29441.7	28624.9	28024.3	26873.7	25116.2	22952.2	19668.2	16507.2
-30°	21603.7	22486.6	22964.0	23141.1	22964.0	22486.6	21603.7	20193.1	18280.2	15923.2	13441.8
-32.5°	17387.4	18221.4	18823.8	19106.3	18823.8	18221.4	17387.4	16150.7	14506.0	12640.8	10714.9
-35°	13871.8	14567.6	15042.4	15303.3	15042.4	14567.6	13871.8	12789.3	11394.4	9887.6	8149.4
-37.5°	10261.5	11025.0	11547.7	11726.4	11547.7	11025.0	10261.5	9267.1	8066.3	6847.0	5528.4
-40°	6295.8	6782.2	7096.0	7227.9	7096.0	6782.2	6295.8	5643.5	4824.3	3889.3	3243.8
-42.5°	3407.8	3586.4	3710.3	3781.5	3710.3	3586.4	3407.8	3173.6	2873.1	2506.2	2211.2
-45°	2365.6	2410.8	2439.4	2450.9	2439.4	2410.8	2365.6	2308.7	2220.8	2113.2	1995.3
-47.5°	2156.6	2205.4	2231.4	2232.7	2231.4	2205.4	2156.6	2100.6	2024.1	1928.3	1825.1
-50°	1953.4	2006.5	2033.4	2035.9	2033.4	2006.5	1953.4	1890.2	1810.4	1713.3	1614.7
-52.5°	1696.5	1738.6	1757.0	1755.4	1757.0	1738.6	1696.5	1651.4	1601.7	1538.1	1470.8
-55°	1525.1	1550.2	1561.4	1562.5	1561.4	1550.2	1525.1	1496.3	1463.0	1406.5	1346.8
-57.5°	1386.1	1404.6	1411.2	1410.5	1411.2	1404.6	1386.1	1365.0	1341.4	1298.3	1253.2
-60°	1267.1	1287.3	1292.9	1289.7	1292.9	1287.3	1267.1	1242.9	1215.1	1169.4	1115.1
-62.5°	1069.1	1087.6	1096.8	1098.8	1096.8	1087.6	1069.1	1044.9	1015.3	967.2	908.2
-65°	801.2	815.1	822.4	824.1	822.4	815.1	801.2	782.1	757.8	720.8	674.2
-67.5°	544.2	553.6	556.5	555.2	556.5	553.6	544.2	531.0	514.0	489.9	458.7
-70°	343.5	350.0	351.7	350.7	351.7	350.0	343.5	334.8	324.0	309.6	290.4
-72.5°	207.5	211.4	211.7	210.4	211.7	211.4	207.5	202.3	195.9	187.5	175.8
-75°	109.3	109.9	109.8	109.1	109.8	109.9	109.3	108.0	105.8	102.6	97.4
-77.5°	58.2	59.8	59.3	58.4	59.3	59.8	58.2	56.4	54.4	52.3	49.5
-80°	32.8	33.0	33.1	33.1	33.1	33.0	32.8	32.6	32.2	31.7	30.3
-82.5°	24.6	25.2	24.3	23.4	24.3	25.2	24.6	23.9	23.3	22.6	21.8
-85°	15.5	15.6	15.6	15.6	15.6	15.6	15.5	15.4	15.3	15.2	14.5
-87.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.1
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.9	3.9	3.9	3.9
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	2.3	2.5	2.7	2.8	2.7	2.5	2.3	2.1
80°	2.7	3.0	3.2	3.2	3.4	3.6	3.9	3.9	3.9	3.8	3.5
77.5°	3.0	3.5	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
75°	3.6	3.7	4.0	4.3	4.3	4.0	3.9	3.9	3.9	3.9	3.7
72.5°	6.3	6.3	6.3	6.5	6.6	6.9	7.0	6.7	6.0	4.8	3.9
70°	9.2	10.0	11.1	12.3	12.8	12.8	12.4	11.8	11.0	10.2	8.2
67.5°	10.3	11.4	13.8	16.6	18.3	19.4	19.2	18.2	17.0	15.9	12.9
65°	10.7	11.5	14.7	18.1	21.3	24.2	26.6	26.7	25.5	22.8	17.5
62.5°	10.6	11.5	14.5	17.6	21.3	26.5	32.9	35.7	35.9	31.3	24.3
60°	9.0	10.1	12.9	15.9	19.2	26.7	36.3	43.7	48.5	41.4	31.3
57.5°	7.8	8.7	11.0	13.7	16.7	25.2	36.4	49.0	57.2	47.6	38.5
55°	7.9	8.6	10.0	11.8	14.3	22.0	32.3	44.6	53.4	49.7	39.8
52.5°	9.6	9.8	10.3	11.0	13.3	18.2	25.4	36.8	42.8	41.1	37.3
50°	11.5	11.5	11.5	11.5	12.8	15.2	20.2	28.1	30.9	32.5	30.7
47.5°	15.3	15.0	13.8	13.3	14.5	14.2	16.9	20.3	24.1	24.4	24.5
45°	22.7	22.9	20.1	20.4	20.6	20.1	17.3	19.9	21.7	22.5	19.8
42.5°	39.1	37.9	35.8	34.1	32.6	31.0	28.7	27.3	25.3	24.2	24.1
40°	63.4	59.7	58.2	54.2	49.8	46.1	48.4	42.5	37.0	30.7	34.1
37.5°	100.4	84.5	95.3	86.2	76.3	75.9	79.4	69.9	54.7	58.9	57.0
35°	189.2	170.2	178.9	161.2	125.7	145.8	131.9	111.6	100.0	107.9	94.4
32.5°	435.8	421.1	363.1	319.0	289.0	268.0	234.4	179.9	187.5	182.9	156.2
30°	981.6	926.6	726.6	684.5	652.1	477.8	383.1	354.7	326.4	278.7	234.9
27.5°	2328.0	1951.5	1613.2	1636.7	1315.9	951.4	696.2	571.6	501.9	420.7	340.7
25°	5552.7	4690.5	4001.1	3595.3	2745.1	1866.3	1303.8	935.3	723.5	596.8	491.4
22.5°	10935.9	9444.8	7893.1	6491.0	5045.6	3702.0	2479.7	1411.0	967.9	797.2	668.6
20°	17852.5	15048.8	12635.5	10262.3	8024.4	5854.2	4057.2	2332.9	1360.7	1003.4	842.3
17.5°	27192.0	21392.4	17381.2	14063.3	11290.6	8626.6	5766.4	3348.1	1730.5	1203.1	1008.0
15°	37287.3	28178.4	22157.2	18031.6	14335.0	10495.1	7259.5	4311.7	2223.3	1467.0	1169.5
12.5°	46964.1	35156.9	26538.8	20932.5	16256.8	12083.8	8704.1	5537.6	2971.0	1705.3	1268.6
10°	54592.0	40871.2	30286.4	23443.7	18178.1	13533.6	9825.2	6393.7	3449.6	1891.9	1352.1
7.5°	61620.9	45205.1	33286.7	25319.1	19792.7	14873.1	10701.3	6992.1	3753.3	2050.1	1421.0
5°	66035.9	48358.4	35446.4	26376.1	20886.7	15974.5	11480.0	7405.6	3901.9	2177.6	1476.2
2.5°	68364.2	50099.0	36836.7	26905.5	21487.6	16694.6	12093.4	7692.1	3991.7	2230.3	1497.0
0°	70181.1	50887.8	36942.3	27018.1	21588.3	16823.0	12464.8	7831.9	4017.3	2238.5	1507.9
-2.5°	68719.7	50148.6	36593.9	26687.6	21261.6	16535.3	12331.7	8045.4	4137.4	2271.2	1516.4
-5°	64577.0	47340.7	34282.5	25088.2	19983.0	15594.3	11668.8	7776.0	4095.6	2252.3	1514.4
-7.5°	58492.1	42785.2	30985.4	23034.5	18308.4	14279.1	10623.7	7044.7	3832.2	2134.1	1471.2
-10°	49778.7	36662.4	26646.4	20431.5	16245.4	12754.4	9454.5	6197.3	3462.1	1981.9	1418.8
-12.5°	41242.7	30215.1	22049.6	17339.1	13729.1	10794.5	8049.1	5239.4	2985.6	1797.3	1357.9
-15°	31857.3	23930.6	18729.2	14711.7	11325.6	8896.6	6588.5	4176.0	2410.5	1590.5	1289.3
-17.5°	25907.9	19353.9	15734.3	12672.4	9820.3	7244.9	5290.7	3434.7	2056.8	1444.7	1239.5
-20°	21436.8	17410.5	13930.0	11116.6	8636.3	6322.6	4250.0	2699.3	1792.0	1385.1	1204.5



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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°	19070.1	15809.4	12676.2	9829.8	7503.4	5354.8	3496.2	2137.9	1509.1	1323.1	1162.5
-25°	16678.5	14031.8	11268.7	8646.6	6300.2	4216.0	2662.8	1842.1	1444.4	1265.3	1113.1
-27.5°	13979.0	11711.4	9548.0	7121.8	4918.4	3207.1	2110.7	1569.3	1387.4	1221.0	1055.0
-30°	11169.5	9307.7	7398.5	5370.8	3649.2	2364.7	1722.7	1499.0	1331.5	1170.2	1002.1
-32.5°	8686.6	7015.1	5311.0	3788.1	2561.2	1896.5	1609.3	1425.6	1271.8	1105.4	972.4
-35°	6433.0	4905.8	3521.0	2603.7	1963.6	1712.9	1529.3	1365.1	1194.0	1042.9	945.0
-37.5°	4170.9	3095.3	2461.5	1945.1	1780.0	1614.0	1454.7	1280.8	1110.0	1005.8	914.8
-40°	2689.1	2126.2	1951.7	1798.1	1656.9	1522.9	1348.2	1177.8	1071.8	965.7	881.7
-42.5°	2070.2	1928.3	1794.2	1665.7	1533.5	1380.8	1235.2	1135.4	1034.0	935.1	860.8
-45°	1883.6	1768.2	1647.7	1518.6	1380.6	1275.6	1188.1	1092.7	996.4	917.1	845.9
-47.5°	1711.5	1597.3	1481.0	1386.2	1296.2	1211.3	1131.6	1048.9	973.4	897.4	788.8
-50°	1527.0	1448.3	1370.3	1294.5	1217.9	1142.1	1079.5	1022.0	934.4	828.5	719.2
-52.5°	1401.0	1334.7	1268.6	1202.7	1148.4	1094.2	1036.9	949.3	853.0	740.6	627.8
-55°	1284.2	1234.1	1189.1	1144.6	1093.4	1014.0	933.3	842.8	740.8	633.2	530.9
-57.5°	1208.5	1156.8	1094.0	1032.1	971.6	885.7	792.3	702.1	616.9	521.6	429.8
-60°	1056.3	996.0	931.0	862.1	790.0	712.2	635.5	559.7	485.4	408.5	332.1
-62.5°	846.2	781.9	725.4	667.4	607.1	544.0	480.3	419.3	357.7	295.3	244.6
-65°	625.5	575.6	527.4	482.5	435.6	386.6	334.4	290.4	250.9	209.6	168.3
-67.5°	424.6	387.9	350.9	316.7	288.8	259.6	227.4	193.4	168.2	147.2	124.6
-70°	269.4	246.6	224.1	201.7	183.7	168.3	151.1	133.3	115.8	99.2	81.8
-72.5°	163.7	151.3	139.5	128.1	116.0	104.9	93.0	80.1	66.8	53.0	43.0
-75°	91.4	84.6	77.1	69.0	60.1	50.3	44.8	41.4	37.6	33.6	29.4
-77.5°	46.5	43.4	40.4	37.9	35.4	33.0	30.5	27.6	25.4	23.3	21.5
-80°	28.9	27.5	26.2	25.4	24.4	23.3	22.0	20.4	18.9	17.6	16.4
-82.5°	20.9	20.1	19.2	18.2	17.3	16.3	15.2	14.4	13.7	13.0	12.3
-85°	13.9	13.2	12.5	11.9	11.3	10.8	10.3	9.9	9.4	8.8	8.2
-87.5°	8.6	8.1	7.6	7.5	7.4	7.3	7.1	6.6	6.1	5.7	5.2
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1305605 (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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9
80°	2.9	2.4	2.1	1.9	2.0	1.9	1.9	1.9	2.2	2.3	2.2
77.5°	3.3	2.8	2.3	2.0	2.3	2.4	2.4	2.2	2.4	2.7	2.7
75°	3.2	2.7	2.2	2.1	2.6	3.0	3.1	3.0	2.9	3.1	3.2
72.5°	3.7	3.2	2.5	2.2	2.6	3.1	3.6	3.8	3.4	3.4	3.6
70°	6.0	4.3	3.5	3.1	3.0	3.2	3.7	3.9	3.9	3.7	3.7
67.5°	9.8	7.4	5.5	4.1	3.6	3.5	3.8	3.9	3.9	3.9	3.8
65°	13.9	10.6	7.6	5.7	4.4	3.8	3.9	3.9	3.9	3.9	3.9
62.5°	18.5	14.0	10.5	7.3	5.2	4.2	3.9	3.9	3.9	3.9	3.9
60°	23.3	17.5	13.3	9.7	6.5	4.4	3.9	3.9	3.9	3.9	3.9
57.5°	28.5	20.6	15.9	11.9	8.4	5.2	3.9	3.9	3.9	3.9	3.9
55°	31.9	24.1	18.5	13.9	10.1	6.7	4.5	3.9	3.9	3.9	3.9
52.5°	30.4	26.1	21.6	16.0	11.6	8.2	6.0	3.9	3.9	3.9	3.9
50°	26.4	25.8	23.2	18.4	13.0	9.9	7.4	5.1	3.9	3.9	3.9
47.5°	23.7	24.6	23.4	20.1	14.8	11.6	9.1	6.4	3.9	3.9	3.9
45°	22.5	22.9	23.2	20.7	17.1	13.7	10.8	7.6	5.0	4.0	3.9
42.5°	23.3	23.4	22.2	21.6	19.1	15.7	12.6	9.2	6.1	4.1	4.0
40°	31.5	26.2	22.6	23.2	21.5	17.6	14.2	10.8	7.1	4.5	4.1
37.5°	43.2	34.7	26.8	29.0	25.1	20.0	15.7	12.5	8.4	5.5	4.3
35°	72.5	48.5	44.9	42.5	33.3	22.8	17.0	14.0	9.9	6.5	4.5
32.5°	110.4	85.1	80.6	64.6	44.4	25.8	19.1	15.4	11.4	7.4	4.8
30°	182.6	160.4	128.3	92.5	61.2	36.2	22.4	17.1	12.8	8.3	5.2
27.5°	300.3	250.5	190.5	136.6	88.0	49.8	27.5	19.1	14.1	9.2	5.9
25°	429.5	360.2	277.4	191.7	118.7	77.4	33.3	21.4	15.5	10.3	6.6
22.5°	572.3	478.8	374.0	253.6	169.9	112.7	47.8	26.0	17.2	11.3	7.2
20°	721.1	602.4	473.6	317.4	228.3	156.9	73.6	31.0	19.0	12.2	7.8
17.5°	874.6	711.7	547.9	387.8	284.5	203.0	103.3	36.3	20.8	13.1	8.3
15°	978.5	796.5	618.3	452.1	335.2	250.4	135.9	41.7	22.7	13.9	9.0
12.5°	1061.8	877.2	684.4	510.5	381.0	298.4	170.5	47.3	24.6	15.1	9.8
10°	1136.2	952.8	745.7	563.0	422.3	346.2	205.7	53.0	27.9	16.9	10.6
7.5°	1202.0	1022.7	801.8	609.7	456.0	380.1	228.2	59.0	31.4	18.6	11.5
5°	1253.0	1073.6	838.6	630.7	467.1	397.4	245.2	64.6	34.7	20.3	12.2
2.5°	1268.2	1097.4	861.1	643.4	476.1	411.0	258.2	69.6	37.9	21.9	12.9
0°	1276.1	1112.4	876.7	650.7	483.2	420.8	266.9	74.0	40.9	23.4	13.6
-2.5°	1282.6	1117.2	885.0	663.8	497.8	428.5	281.5	95.4	55.2	31.4	17.2
-5°	1282.6	1113.8	886.2	671.9	510.1	433.0	292.2	115.7	68.9	39.1	20.7
-7.5°	1256.5	1089.3	874.4	674.6	519.9	435.0	299.5	134.6	81.6	46.2	24.0
-10°	1219.6	1049.7	848.5	670.5	532.2	441.3	304.8	151.7	93.1	52.6	27.0
-12.5°	1176.9	1004.2	821.4	664.5	544.2	451.7	313.0	166.8	102.9	58.0	29.6
-15°	1128.4	953.7	794.8	657.5	555.3	460.2	317.1	179.2	110.5	62.4	31.8
-17.5°	1079.9	898.9	770.2	650.4	565.9	467.3	317.2	188.3	116.1	65.8	33.8
-20°	1040.3	864.8	749.9	644.0	576.1	473.3	313.2	194.0	119.7	67.9	35.7



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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°	995.0	850.7	742.4	649.1	582.8	478.5	305.1	195.7	121.0	68.6	36.9
-25°	946.2	835.6	734.6	654.3	583.6	465.6	299.8	193.3	119.9	67.9	37.4
-27.5°	918.0	820.9	724.9	655.6	573.0	448.0	296.3	191.5	117.2	65.6	37.2
-30°	898.9	807.4	720.9	649.6	558.2	416.0	287.1	186.6	114.5	64.1	36.2
-32.5°	879.5	792.4	714.5	630.0	525.3	382.4	268.8	178.2	109.5	62.9	35.4
-35°	857.2	777.6	701.8	605.5	484.7	356.3	247.7	166.3	102.4	60.6	34.2
-37.5°	831.6	762.2	670.4	569.3	443.1	326.0	228.1	151.6	93.0	57.1	32.4
-40°	815.0	736.8	636.2	522.8	403.9	291.6	204.7	136.7	86.3	52.6	29.9
-42.5°	795.8	694.6	587.3	475.1	361.8	261.8	178.8	119.6	78.7	48.4	26.7
-45°	744.3	641.5	529.6	421.5	316.7	228.0	157.4	101.8	70.1	43.9	23.8
-47.5°	683.3	573.1	466.8	363.7	274.4	193.2	133.4	91.0	60.5	38.6	21.6
-50°	603.2	499.6	399.4	309.6	227.4	163.6	110.4	79.1	52.7	31.9	19.0
-52.5°	520.7	421.8	334.6	254.8	188.4	131.2	95.9	66.6	44.0	27.0	16.1
-55°	432.8	347.9	271.3	206.1	149.4	109.9	80.3	55.4	34.4	22.9	13.1
-57.5°	349.0	275.3	215.0	159.8	120.1	90.8	65.2	43.3	28.4	18.6	12.4
-60°	265.3	212.5	160.8	125.7	96.9	71.8	50.0	32.6	23.2	14.8	11.6
-62.5°	195.9	153.7	125.6	98.0	74.3	53.2	35.5	26.5	17.8	13.7	10.7
-65°	142.6	117.5	93.3	72.2	52.3	36.8	28.4	20.2	15.5	12.4	9.8
-67.5°	102.3	82.7	64.7	46.7	36.3	28.4	21.0	17.0	13.9	11.1	8.8
-70°	64.9	49.2	40.7	33.7	26.5	20.5	17.8	14.9	12.2	10.0	7.8
-72.5°	38.5	33.6	28.3	22.7	20.3	17.8	15.3	12.9	10.9	8.8	6.8
-75°	25.2	23.0	21.4	19.6	17.3	15.1	13.1	11.4	9.5	7.6	6.1
-77.5°	20.1	18.8	17.7	16.1	14.1	12.4	11.1	9.9	8.2	6.7	5.4
-80°	15.6	14.5	13.3	11.9	10.6	9.7	9.1	8.4	7.0	5.8	4.8
-82.5°	11.3	10.3	9.4	8.6	8.2	7.7	7.3	6.8	5.8	4.9	4.3
-85°	7.7	7.2	6.7	6.4	6.1	5.8	5.7	5.5	5.0	4.5	4.2
-87.5°	5.2	5.1	5.1	5.0	4.9	4.8	4.8	4.7	4.4	4.2	4.0
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	1.9	2.0	2.1	2.1	2.1	2.9	3.9
85°	1.9	2.1	2.2	2.3	2.3	3.0	3.9
82.5°	1.9	2.2	2.4	2.5	2.4	3.0	3.9
80°	2.0	2.4	2.6	2.7	2.6	3.1	3.9
77.5°	2.5	2.6	2.8	2.9	2.8	3.1	3.9
75°	3.0	2.9	3.0	3.1	3.0	3.2	3.9
72.5°	3.5	3.2	3.2	3.3	3.1	3.2	3.9
70°	3.9	3.5	3.3	3.5	3.3	3.3	3.9
67.5°	3.9	3.8	3.5	3.6	3.5	3.3	3.9
65°	3.9	3.9	3.6	3.6	3.6	3.4	3.9
62.5°	3.9	3.9	3.8	3.7	3.8	3.4	3.9
60°	3.9	3.9	3.9	3.7	3.9	3.5	3.9
57.5°	3.9	3.9	3.9	3.8	3.9	3.5	3.9
55°	3.9	3.9	3.9	3.8	3.9	3.6	3.9
52.5°	3.9	3.9	3.9	3.9	3.9	3.6	3.9
50°	3.9	3.9	3.9	3.9	3.9	3.6	3.9
47.5°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
45°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
42.5°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
40°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
37.5°	3.9	3.9	3.9	3.9	3.9	3.8	3.9
35°	3.9	3.9	3.9	3.9	3.9	3.8	3.9
32.5°	4.0	3.9	3.9	3.9	3.9	3.8	3.9
30°	4.2	3.9	3.9	3.9	3.9	3.8	3.9
27.5°	4.4	3.9	3.9	3.9	3.9	3.8	3.9
25°	4.6	3.9	3.9	3.9	3.9	3.9	3.9
22.5°	4.8	3.9	3.9	3.9	3.9	3.9	3.9
20°	5.1	4.1	3.9	3.9	3.9	3.9	3.9
17.5°	5.4	4.2	3.9	3.9	3.9	3.9	3.9
15°	5.8	4.4	3.9	3.9	3.9	3.9	3.9
12.5°	6.2	4.7	3.9	3.9	3.9	3.9	3.9
10°	6.6	4.9	3.9	3.9	3.9	3.9	3.9
7.5°	6.9	5.1	3.9	3.9	3.9	3.9	3.9
5°	7.2	5.4	3.9	3.9	3.9	3.9	3.9
2.5°	7.5	5.6	3.9	3.9	3.9	3.9	3.9
0°	7.8	5.8	3.9	3.9	3.9	3.9	3.9
-2.5°	9.6	6.4	4.1	3.9	3.9	3.9	3.9
-5°	11.3	7.1	4.2	3.9	3.9	3.9	3.9
-7.5°	13.0	7.6	4.4	3.9	3.9	3.9	3.9
-10°	14.5	8.1	4.5	3.9	3.9	3.9	3.9
-12.5°	15.8	8.5	4.7	3.9	3.9	3.9	3.9
-15°	16.9	8.9	4.8	3.9	3.9	3.9	3.9
-17.5°	17.7	9.1	4.8	3.9	3.9	3.9	3.9
-20°	18.5	9.3	4.9	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.2	9.3	4.9	3.9	3.9	3.9	3.9
-25°	19.5	9.4	4.9	3.9	3.9	3.9	3.9
-27.5°	19.4	9.3	4.9	3.9	3.9	3.9	3.9
-30°	18.9	9.1	4.8	3.9	3.9	3.9	3.9
-32.5°	18.0	8.8	4.9	3.9	3.9	3.9	3.9
-35°	17.3	8.2	4.9	3.9	3.9	3.9	3.9
-37.5°	16.5	7.8	4.9	3.9	3.9	3.9	3.9
-40°	15.6	7.8	4.9	3.9	3.9	3.9	3.9
-42.5°	14.3	7.7	4.9	3.9	3.9	3.9	3.9
-45°	12.8	7.6	5.0	4.0	3.9	3.9	3.9
-47.5°	11.0	7.4	5.0	4.0	3.9	3.9	3.9
-50°	10.4	7.2	5.0	4.0	3.9	3.9	3.9
-52.5°	10.0	6.9	5.0	4.1	3.9	3.9	3.9
-55°	9.6	6.7	4.9	4.1	3.9	3.9	3.9
-57.5°	9.1	6.4	4.7	4.1	3.9	3.9	3.9
-60°	8.5	6.1	4.6	4.0	3.9	3.9	3.9
-62.5°	7.9	5.8	4.5	4.0	3.9	3.9	3.9
-65°	7.3	5.4	4.4	4.0	3.9	3.9	3.9
-67.5°	6.5	5.0	4.3	4.0	3.9	3.9	3.9
-70°	5.7	4.8	4.2	3.9	3.9	3.9	3.9
-72.5°	5.3	4.5	4.1	3.9	3.9	3.9	3.9
-75°	4.9	4.3	3.9	3.9	3.9	3.9	3.9
-77.5°	4.4	4.0	3.9	3.9	3.9	3.9	3.9
-80°	4.0	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
-85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-90°	1.9	1.9	1.9	1.9	1.9	2.9	3.9

(END OF REPORT)