

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: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-2S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-2S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

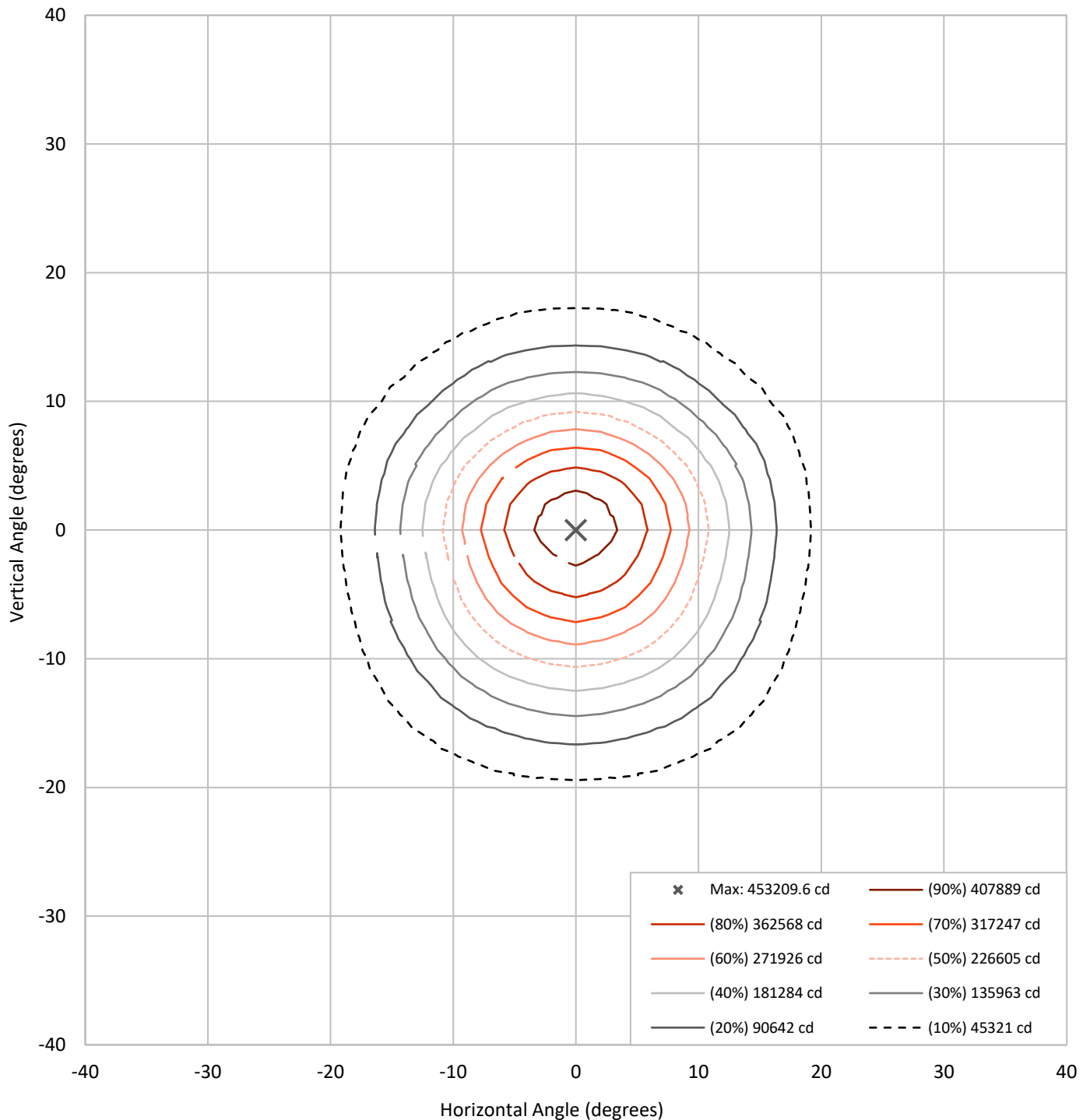
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	70157.8 lumens	Max Intensity:	453209.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	32433.4 lumens	Field Lumens:	60503.4 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%

Input Watts (W): 670
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

REPORT NUMBER: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-70-2S-CV2-A

Iso-Candela Plot





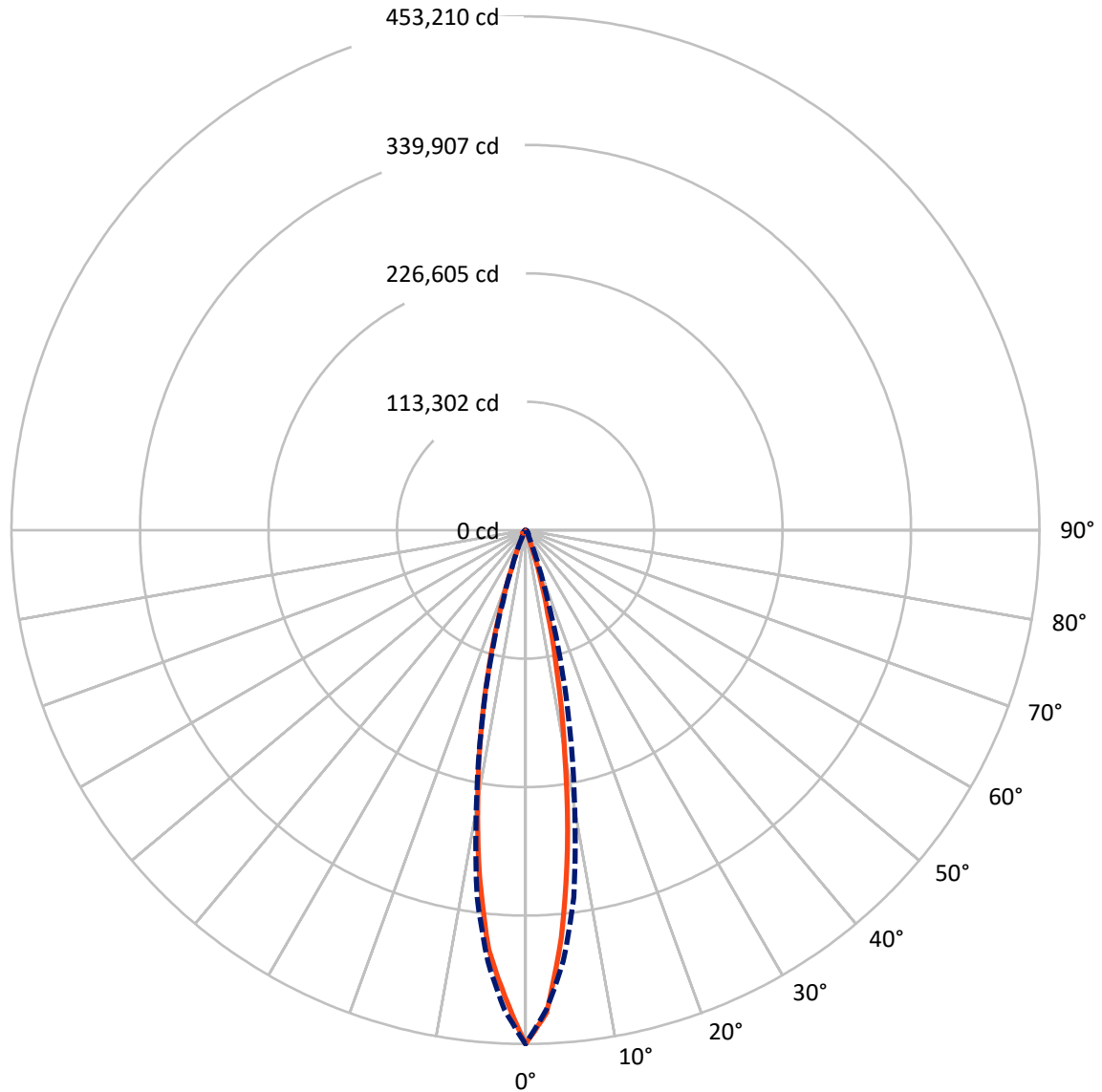
REPORT NUMBER: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2								
80	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2								
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.6	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.1				
50	0.2	0.2	0.5	0.5	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.5	0.5	0.2	0.2			
40		0.2	0.9	1.9	4.1	6.5	7.9	9.2	9.2	7.9	6.5	4.1	1.9	0.9	0.2				
30	0.2	0.5	2.9	9.8	26.0	38.3	67.0	147.4	147.4	67.0	38.3	26.0	9.8	2.9	0.5	0.2			
20		1.0	6.6	25.3	59.6	116.7	725.1	2262.4	2262.4	725.1	116.7	59.6	25.3	6.6	1.0				
10	0.3	1.8	11.2	46.9	97.4	314.0	2963.2	8826.3	8826.3	2963.2	314.0	97.4	46.9	11.2	1.8	0.3			
0		3.0	14.7	55.1	109.2	315.1	3140.4	9202.1	9202.1	3140.4	315.1	109.2	55.1	14.7	3.0				
-10	0.6	3.5	14.9	50.8	107.8	180.2	1156.2	3337.0	3337.0	1156.2	180.2	107.8	50.8	14.9	3.5	0.6			
-20		3.2	12.7	30.4	76.6	112.8	176.0	344.6	344.6	176.0	112.8	76.6	30.4	12.7	3.2				
-30	0.5	2.7	9.3	19.0	42.4	81.1	105.0	115.5	115.5	105.0	81.1	42.4	19.0	9.3	2.7	0.5			
-40		1.8	6.4	14.0	24.0	39.7	68.9	93.1	93.1	68.9	39.7	24.0	14.0	6.4	1.8				
-50	0.3	0.9	3.8	9.1	16.7	24.9	31.9	35.8	35.8	31.9	24.9	16.7	9.1	3.8	0.9	0.3			
-60		0.4	1.4	4.3	8.8	14.4	20.2	23.7	23.7	20.2	14.4	8.8	4.3	1.4	0.4				
-70	0.2	0.4	1.4	4.3	8.8	14.4	20.2	23.7	23.7	20.2	14.4	8.8	4.3	1.4	0.4	0.2			
-80		1.1	3.3	8.2	11.8	8.2	3.3	1.1	0.2										
-90	0.2	1.1	3.3	8.2	11.8	8.2	3.3	1.1	0.2										

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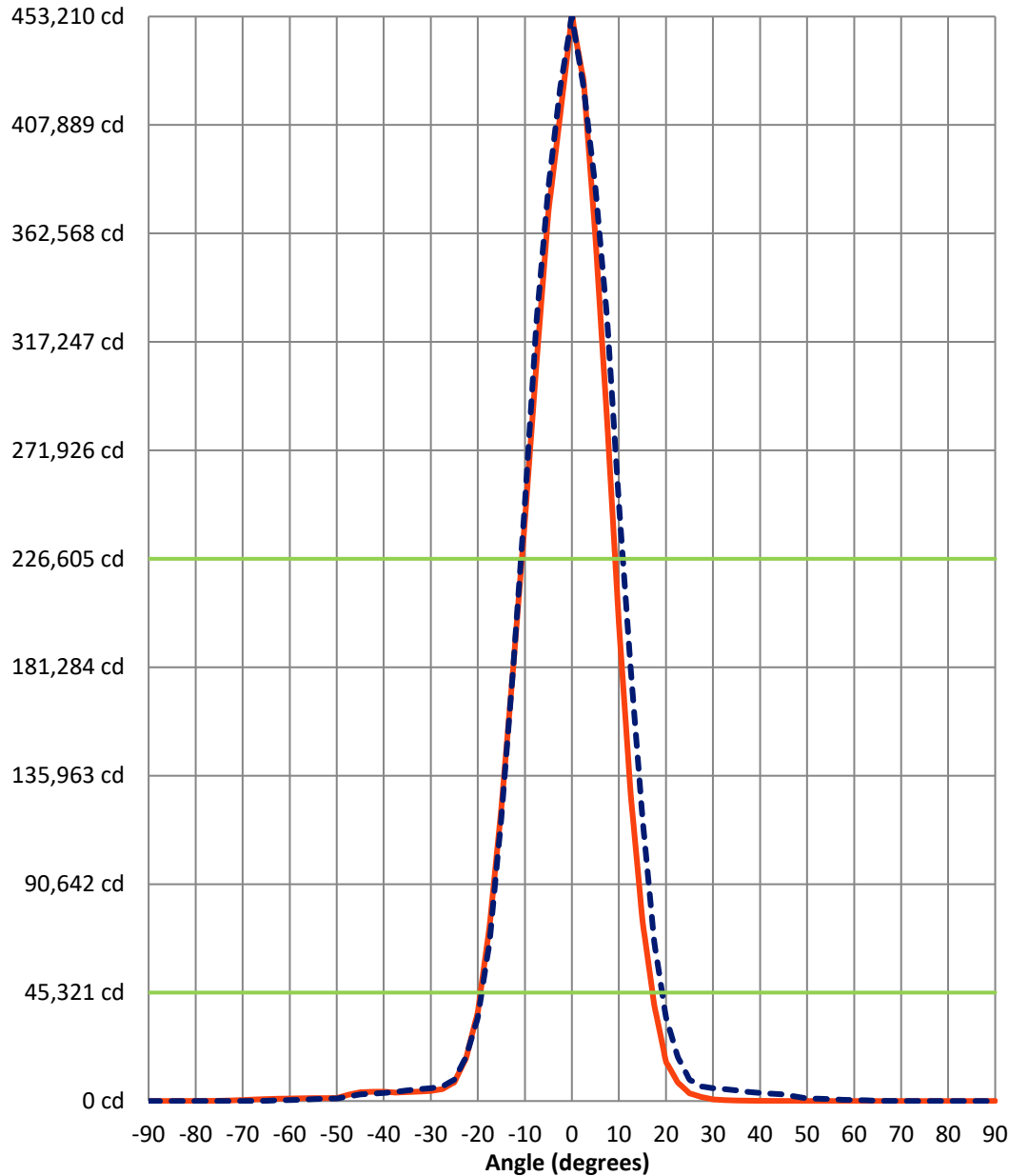
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.7°
 V Angle: 19.8°
 Lumens: 32433.4
 Efficiency: 46.2%

Field:
 H Angle: 38.4°
 V Angle: 36.6°
 Lumens: 60503.4
 Efficiency: 86.2%

Spill:
 Lumens: 9654.4
 Efficiency: 13.8%

— 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°	7.3	7.3	7.3	7.8	8.2	8.6	9.1	9.1	9.1	9.1	9.1
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.0	6.7	6.5	6.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	7.0	7.0	7.0
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4
67.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.6	7.5
65°	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.3	7.7	7.9	7.7
62.5°	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.6	8.1	8.2	7.8
60°	7.3	7.3	7.3	7.3	7.3	7.7	7.6	8.1	8.6	8.2	7.8
57.5°	7.3	7.3	7.3	7.3	7.5	7.8	8.0	8.6	8.7	8.3	7.9
55°	7.3	7.3	7.3	7.3	7.6	8.0	8.3	9.1	8.8	8.4	8.0
52.5°	7.3	7.3	7.4	7.3	7.8	8.2	8.6	9.1	8.9	8.5	8.1
50°	7.3	7.3	7.4	7.3	8.0	8.4	8.9	9.1	9.0	8.6	9.6
47.5°	7.3	7.3	7.5	7.3	8.2	8.6	9.1	9.1	9.1	8.7	11.0
45°	7.3	7.3	7.5	7.5	8.5	8.8	9.1	9.1	9.2	9.6	12.0
42.5°	7.3	7.3	7.6	7.7	8.7	8.9	9.1	9.2	9.3	10.2	13.5
40°	7.3	7.3	7.6	7.9	8.9	9.0	9.1	9.3	9.6	10.7	14.8
37.5°	7.3	7.3	7.7	8.1	8.9	9.1	9.1	9.5	10.4	11.9	16.0
35°	7.3	7.3	7.8	8.3	9.0	9.1	9.1	9.7	11.3	13.8	16.7
32.5°	7.3	7.3	7.9	8.4	9.1	9.1	9.2	10.0	12.2	15.7	18.2
30°	7.3	7.3	8.0	8.6	9.1	9.1	9.4	10.4	13.2	17.8	20.1
27.5°	7.3	7.3	8.0	8.7	9.1	9.1	9.6	11.2	14.5	19.9	22.2
25°	7.3	7.3	8.1	8.8	9.1	9.1	9.8	12.0	16.2	21.8	24.8
22.5°	7.3	7.3	8.2	8.9	9.1	9.1	10.0	12.8	17.9	23.7	29.5
20°	7.3	7.3	8.3	8.9	9.1	9.3	10.3	13.7	19.5	25.8	34.0
17.5°	7.3	7.3	8.4	9.0	9.1	9.4	10.6	14.5	21.1	27.9	38.2
15°	7.3	7.3	8.5	9.0	9.1	9.6	11.0	15.3	22.7	30.2	42.1
12.5°	7.3	7.3	8.6	9.1	9.1	9.9	11.3	16.0	24.3	32.5	45.8
10°	7.3	7.3	8.7	9.1	9.1	10.1	11.7	16.6	25.8	36.0	51.3
7.5°	7.3	7.3	8.8	9.1	9.1	10.3	12.0	17.1	27.3	39.9	61.8
5°	7.3	7.3	8.9	9.1	9.1	10.6	12.3	17.6	28.7	43.8	72.5
2.5°	7.3	7.3	9.0	9.1	9.1	10.8	12.5	18.0	30.0	47.6	83.1
0°	7.3	7.3	9.1	9.1	9.1	11.0	12.8	18.3	31.1	51.2	93.3
-2.5°	7.3	7.3	9.1	9.2	9.3	11.4	14.3	22.6	40.3	66.9	120.5
-5°	7.3	7.4	9.1	9.3	9.4	11.8	15.7	26.6	49.0	81.8	146.1
-7.5°	7.3	7.4	9.1	9.5	9.6	12.1	17.0	30.4	57.1	95.8	169.5
-10°	7.3	7.5	9.1	9.6	9.8	12.4	18.1	33.7	64.3	108.5	190.2
-12.5°	7.3	7.5	9.0	9.7	9.9	12.6	19.1	36.6	70.5	119.4	202.4
-15°	7.3	7.5	9.0	9.8	10.1	12.8	19.9	38.8	76.0	128.0	209.7
-17.5°	7.3	7.6	9.0	9.8	10.3	13.0	20.5	41.3	81.1	135.0	214.6
-20°	7.3	7.6	9.0	9.9	10.4	13.1	21.1	43.6	84.8	140.4	217.1



REPORT NUMBER: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	7.6	8.9	9.9	10.6	13.1	21.8	44.8	87.2	144.0	217.0
-25°	7.3	7.6	8.9	10.0	10.7	13.3	22.1	44.7	88.0	145.8	214.3
-27.5°	7.3	7.7	8.9	10.0	10.9	13.5	22.0	43.3	87.1	146.0	215.3
-30°	7.3	7.7	8.9	10.0	11.0	13.6	21.3	40.5	85.4	144.7	214.1
-32.5°	7.3	7.7	8.8	9.9	11.2	13.6	20.0	39.0	82.1	141.1	210.5
-35°	7.3	7.7	8.8	9.8	11.4	13.5	19.5	37.6	76.8	135.3	204.3
-37.5°	7.3	7.7	8.8	9.8	11.5	13.4	19.3	35.3	69.3	127.2	188.6
-40°	7.3	7.7	8.8	9.6	11.6	13.5	18.9	32.1	59.6	116.9	171.2
-42.5°	7.3	7.7	8.8	9.5	11.5	13.6	18.4	28.1	52.9	100.8	152.3
-45°	7.3	7.8	8.8	9.4	11.4	13.5	17.7	25.0	47.3	83.3	132.1
-47.5°	7.3	7.7	8.8	9.3	11.2	13.4	16.8	24.0	40.6	65.2	111.7
-50°	7.3	7.7	8.8	9.2	10.9	13.2	16.4	22.7	32.3	55.6	90.5
-52.5°	7.3	7.7	8.8	9.3	10.7	12.9	15.9	21.1	28.1	45.2	69.5
-55°	7.3	7.7	8.8	9.3	10.4	12.5	15.3	19.5	25.8	34.0	56.6
-57.5°	7.3	7.7	8.8	9.3	10.1	12.1	14.6	18.5	23.4	29.3	42.8
-60°	7.3	7.7	8.9	9.2	9.8	11.6	13.8	17.3	21.1	26.5	32.0
-62.5°	7.3	7.7	8.8	9.2	9.7	11.1	13.2	16.0	19.7	23.6	28.8
-65°	7.3	7.6	8.7	9.2	9.6	10.6	12.5	14.8	18.2	21.6	25.5
-67.5°	7.3	7.6	8.6	9.2	9.5	10.2	11.7	14.0	16.6	19.9	23.1
-70°	7.3	7.6	8.5	9.1	9.4	10.0	10.9	13.1	15.6	18.1	21.1
-72.5°	7.3	7.6	8.3	9.0	9.3	9.7	10.5	12.2	14.6	16.9	19.3
-75°	7.3	7.5	8.2	8.8	9.1	9.5	10.1	11.6	13.5	15.7	17.9
-77.5°	7.3	7.5	8.1	8.6	9.0	9.2	9.6	11.0	12.7	14.5	16.6
-80°	7.3	7.5	7.9	8.4	8.8	9.0	9.2	10.4	11.8	13.4	15.2
-82.5°	7.3	7.4	7.8	8.3	8.7	8.9	9.1	9.9	11.0	12.3	13.7
-85°	7.3	7.4	7.6	8.1	8.5	8.8	9.1	9.6	10.3	11.2	12.2
-87.5°	7.3	7.3	7.5	7.9	8.4	8.7	9.1	9.4	9.7	10.2	10.7
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5



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 CATALOG NUMBER: EPH-08-640L-57-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.1	9.1	9.1	9.1	9.6	10.1	10.5	11.0	11.5	11.9	12.3
87.5°	6.1	6.0	5.7	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2
85°	6.8	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2
82.5°	6.9	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2
80°	6.9	6.5	6.0	5.6	5.5	5.5	5.5	5.5	5.1	4.8	4.5
77.5°	7.0	6.5	6.1	5.6	5.6	5.9	6.2	6.4	6.4	6.2	6.0
75°	7.0	6.6	6.3	6.3	6.6	7.0	7.3	7.3	7.0	6.6	6.1
72.5°	7.1	6.9	7.0	7.3	7.3	7.3	7.3	7.3	8.2	9.4	10.4
70°	7.2	7.3	7.3	7.3	7.3	7.7	9.7	12.2	14.8	16.8	19.2
67.5°	7.3	7.3	7.3	7.5	8.8	10.9	13.8	21.1	29.4	32.0	32.0
65°	7.3	7.3	7.8	9.0	10.8	16.4	24.4	34.1	41.5	40.4	37.8
62.5°	7.3	7.6	8.5	11.2	16.4	23.7	31.4	38.5	45.5	44.4	38.6
60°	7.4	7.8	10.8	16.0	21.5	27.4	34.8	39.4	44.0	45.3	35.7
57.5°	7.5	9.4	14.5	20.0	25.1	29.4	32.1	36.2	38.8	39.3	29.4
55°	8.5	12.4	17.8	23.2	26.8	25.7	27.7	30.2	31.2	28.8	20.8
52.5°	10.9	15.1	20.6	25.1	25.6	23.6	23.0	24.2	22.3	19.0	16.5
50°	12.9	17.7	23.0	25.6	25.0	22.4	19.1	18.6	18.0	16.7	15.1
47.5°	14.9	20.1	24.8	26.5	24.6	22.3	18.4	18.0	18.0	19.1	18.1
45°	16.9	21.7	26.4	26.6	25.3	23.5	21.8	20.0	23.5	24.7	24.5
42.5°	18.6	22.6	26.8	27.2	27.9	27.5	27.0	29.0	31.1	33.0	33.6
40°	19.3	23.2	28.1	31.7	31.9	33.3	37.0	40.5	40.7	43.1	44.6
37.5°	19.5	25.5	32.2	40.3	37.9	42.4	48.7	58.2	59.6	54.0	61.8
35°	19.5	28.7	43.1	52.5	51.2	54.4	69.3	83.3	89.6	80.6	93.0
32.5°	21.4	32.8	57.0	67.0	76.3	79.8	94.3	122.0	137.4	143.2	153.6
30°	26.0	45.6	73.0	83.9	109.9	127.3	139.4	172.4	200.7	286.4	350.0
27.5°	31.8	61.3	89.0	113.8	152.2	182.1	208.1	242.1	345.9	502.1	664.4
25°	37.3	82.4	106.5	152.7	204.7	245.1	280.8	329.0	546.5	866.6	1003.4
22.5°	48.5	106.7	134.3	196.4	262.1	309.9	361.8	492.0	785.9	1267.0	1323.4
20°	66.9	130.0	172.3	245.4	325.6	374.8	443.6	663.2	1056.9	1424.4	1576.9
17.5°	86.7	155.5	214.0	303.3	400.5	456.2	536.7	828.1	1290.4	1617.6	1822.0
15°	107.3	182.6	254.0	366.7	479.8	556.7	723.0	1054.5	1474.8	1843.9	2141.9
12.5°	128.2	210.8	292.2	433.9	562.9	655.9	948.8	1399.8	1783.8	2129.4	2534.1
10°	148.8	239.4	328.3	503.0	648.1	753.2	1197.3	1750.8	2127.8	2465.8	2880.7
7.5°	190.2	277.9	366.4	572.0	733.8	848.1	1457.2	2099.6	2443.3	2760.7	3167.6
5°	235.3	325.2	425.1	654.1	819.7	935.6	1693.9	2436.8	2734.2	3020.4	3417.9
2.5°	279.2	370.4	481.8	732.8	901.8	1011.4	1815.1	2621.9	2919.2	3219.5	3634.0
0°	320.0	413.3	535.8	804.6	978.3	1082.5	1903.6	2777.6	3073.9	3386.6	3823.6
-2.5°	354.0	456.9	592.8	838.7	999.5	1100.7	1874.5	2776.1	3131.5	3478.9	3931.1
-5°	382.3	497.7	645.4	866.8	1016.6	1115.6	1816.9	2732.3	3179.2	3552.7	4012.2
-7.5°	404.6	535.3	692.6	888.8	1027.1	1123.0	1791.6	2750.5	3264.2	3617.6	4065.2
-10°	416.8	550.2	696.1	887.9	1029.0	1124.7	1735.7	2712.9	3334.7	3675.4	4087.6
-12.5°	400.5	544.0	687.1	878.8	1029.6	1124.1	1628.0	2613.2	3392.5	3730.4	4067.2
-15°	382.5	534.6	672.3	860.7	1029.7	1121.4	1463.4	2447.3	3359.7	3632.0	3981.9
-17.5°	363.7	522.1	651.6	833.4	1030.1	1116.9	1229.5	2091.3	3031.9	3423.7	3844.4
-20°	344.9	506.3	624.7	796.2	1024.6	1086.9	1139.3	1729.8	2554.0	3159.0	3584.0



REPORT NUMBER: P1305694 (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°	326.9	487.3	597.3	760.7	945.3	1035.4	1085.1	1379.9	2061.9	2837.2	3195.1
-25°	317.2	459.3	573.6	706.4	862.3	981.6	1024.4	1085.6	1627.4	2328.5	2840.2
-27.5°	312.2	434.9	541.8	652.3	785.6	917.2	963.5	1016.7	1292.5	1830.6	2467.3
-30°	304.1	403.7	508.2	603.0	722.0	834.6	902.2	963.1	1038.0	1442.3	1945.9
-32.5°	285.8	371.3	471.8	564.2	663.0	762.6	857.8	924.1	985.3	1094.8	1493.2
-35°	264.3	344.0	433.9	524.0	607.4	704.6	803.5	890.4	939.8	990.8	1166.5
-37.5°	246.6	315.0	395.2	482.2	562.5	650.7	746.6	838.4	906.7	953.3	1019.9
-40°	227.3	284.5	360.3	439.5	518.1	597.7	686.0	775.3	860.4	931.7	985.4
-42.5°	206.7	261.7	325.4	396.4	471.7	546.6	623.6	708.5	798.1	891.0	960.6
-45°	184.1	237.6	290.8	357.1	423.8	493.6	565.2	640.2	730.9	819.9	908.0
-47.5°	159.8	211.7	263.1	317.3	378.8	440.9	505.1	581.4	661.2	745.2	828.0
-50°	134.6	183.0	234.4	283.9	336.3	391.2	448.3	523.6	599.7	672.4	746.7
-52.5°	110.3	152.6	201.8	251.8	298.2	346.5	401.3	467.3	538.5	608.9	675.1
-55°	85.2	124.3	166.6	214.8	262.6	305.8	357.3	416.0	476.1	542.8	607.0
-57.5°	65.7	95.6	132.7	173.9	220.2	267.7	316.7	366.2	421.0	477.5	532.8
-60°	48.9	70.7	99.1	134.7	173.1	219.4	273.1	322.1	368.7	414.9	465.4
-62.5°	33.9	51.0	71.1	95.8	129.2	167.2	213.3	264.0	318.1	359.1	399.5
-65°	30.3	35.0	48.9	67.3	85.9	117.5	154.0	194.0	239.9	281.8	325.4
-67.5°	26.5	30.7	35.2	42.4	59.0	76.5	95.1	127.6	162.4	192.4	223.6
-70°	24.0	26.6	30.2	34.3	38.4	45.5	60.8	77.1	93.2	110.7	135.8
-72.5°	21.7	24.0	26.4	28.7	32.1	35.6	39.1	42.4	51.7	64.4	76.0
-75°	19.7	21.5	23.6	25.7	27.6	29.6	32.0	34.9	37.8	40.8	44.0
-77.5°	17.8	19.0	20.6	22.5	24.0	25.2	26.7	28.4	30.3	32.0	33.7
-80°	15.9	16.5	17.4	18.5	19.8	21.0	22.0	22.8	23.8	25.1	26.6
-82.5°	14.2	14.6	15.1	15.5	16.2	17.0	17.9	18.9	19.5	20.2	20.9
-85°	12.5	12.8	13.1	13.3	13.7	14.1	14.6	15.1	15.4	15.7	16.0
-87.5°	10.8	10.9	11.1	11.2	11.5	11.8	12.1	12.3	12.4	12.6	12.7
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2



REPORT NUMBER: P1305694 (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°	12.8	12.8	12.8	12.8	12.8	15.5	18.3	21.0	23.8	27.9	32.0
87.5°	3.7	3.6	3.6	3.5	3.5	3.1	2.7	2.3	1.8	1.4	0.9
85°	3.7	3.7	3.7	3.7	3.7	3.2	2.8	2.3	1.8	1.8	1.8
82.5°	3.7	3.7	3.7	3.7	3.7	3.3	2.8	2.3	1.8	1.8	1.8
80°	4.3	4.2	4.1	4.0	3.7	3.3	2.8	2.3	1.8	1.8	1.8
77.5°	5.6	5.2	4.7	4.3	3.8	3.6	3.4	3.4	3.4	3.1	2.7
75°	5.7	5.5	5.7	5.4	4.8	4.5	4.3	4.1	3.8	3.6	3.6
72.5°	11.0	11.1	10.4	9.8	8.8	8.3	8.0	7.5	6.7	6.4	6.2
70°	20.1	19.7	19.0	17.4	14.8	12.8	11.6	10.4	9.1	8.7	8.8
67.5°	29.2	26.2	23.8	20.9	17.3	14.6	13.2	11.6	9.9	9.1	9.1
65°	33.8	27.6	23.5	20.4	18.1	15.5	13.1	10.9	8.9	7.9	8.2
62.5°	32.0	23.9	18.9	16.0	13.8	12.4	10.5	9.0	7.9	7.3	7.4
60°	26.5	17.8	13.4	11.9	10.5	9.2	8.6	7.8	6.9	6.1	6.4
57.5°	20.6	14.3	10.9	10.4	9.8	9.3	8.5	7.7	7.1	6.7	7.0
55°	15.4	12.7	11.1	11.1	10.9	10.0	9.0	8.9	8.7	8.4	8.7
52.5°	13.4	13.4	13.9	13.7	12.4	11.5	10.9	10.8	11.0	11.3	11.8
50°	15.3	15.8	15.6	14.3	14.0	13.6	12.8	13.6	14.6	15.1	15.4
47.5°	18.2	18.5	18.8	17.6	17.8	19.2	19.4	20.0	22.1	23.6	25.0
45°	23.4	25.4	26.0	26.7	27.2	30.0	31.4	32.1	37.8	40.4	40.8
42.5°	33.8	36.9	39.5	43.4	42.8	49.7	58.5	63.3	62.9	61.1	61.0
40°	49.5	54.9	67.0	73.4	80.4	88.4	89.2	79.4	79.5	89.4	88.9
37.5°	76.3	95.0	112.1	127.2	130.9	126.4	128.0	135.4	144.3	145.1	149.5
35°	128.6	166.6	175.3	186.9	199.6	187.6	186.1	198.0	194.0	214.6	229.3
32.5°	222.4	276.2	292.5	306.6	342.1	321.6	264.8	347.4	328.9	351.9	386.8
30°	353.7	459.6	530.8	552.1	561.0	563.4	616.8	664.1	701.6	751.6	822.4
27.5°	670.0	740.2	858.5	924.9	841.3	875.8	1012.8	1037.7	1178.8	1332.3	1458.2
25°	1018.9	1097.6	1308.1	1334.6	1264.8	1393.0	1525.6	1553.1	1802.0	1982.7	2415.4
22.5°	1334.2	1466.2	1691.5	1755.5	1813.6	1966.0	2120.0	2303.6	2864.5	3560.1	4822.4
20°	1601.1	1748.4	1968.6	2146.5	2291.7	2486.2	2665.6	3292.5	4500.7	7143.3	10017.7
17.5°	1924.2	2015.5	2287.8	2525.5	2753.1	3031.7	3824.6	5408.1	8905.8	14663.8	20121.1
15°	2359.6	2541.0	2709.9	2967.3	3392.3	4202.7	5952.1	11110.2	18427.8	28471.1	40911.1
12.5°	2861.6	3111.7	3346.0	3564.3	4174.0	6085.5	11667.7	20612.5	32913.5	49047.0	73461.4
10°	3309.9	3692.0	3979.6	4360.5	5541.4	9258.7	17876.1	30521.7	52136.7	80643.3	112504.2
7.5°	3621.0	4075.2	4463.1	5029.4	6955.0	13252.5	25182.0	44874.9	75599.9	114010.7	156990.3
5°	3917.1	4429.3	4810.0	5506.7	7889.7	16026.9	30719.6	56838.7	98565.1	149319.6	204501.0
2.5°	4196.9	4741.9	5116.3	5934.2	8479.8	17291.4	33039.0	64276.3	113419.9	173538.7	239075.2
0°	4456.3	4972.0	5363.3	6135.0	8978.4	18505.4	35012.2	66674.5	118438.5	180669.5	249600.4
-2.5°	4407.9	4791.2	5224.5	5998.0	8504.0	17203.6	32712.7	63857.8	112546.6	172157.2	235561.9
-5°	4391.0	4701.8	5093.0	5794.1	7918.1	14865.2	29053.8	57498.1	102892.7	156613.7	215669.5
-7.5°	4403.9	4650.7	4956.6	5536.4	7210.6	12568.3	25261.0	49843.8	87338.5	132822.6	186152.3
-10°	4431.5	4622.5	4932.6	5442.6	6614.5	10045.6	19117.4	38402.5	68670.3	104847.1	146402.0
-12.5°	4479.4	4736.5	5047.8	5394.3	6015.4	8001.4	15035.3	29810.8	50772.7	76188.5	107808.1
-15°	4463.0	4794.6	5146.1	5360.1	5698.3	6803.7	9752.5	19683.7	35130.4	51986.7	71122.5
-17.5°	4342.8	4739.8	4894.3	5060.3	5266.0	5810.6	7456.5	11871.5	20667.5	31743.0	42509.0
-20°	4063.7	4264.6	4457.8	4656.0	4883.7	5184.2	5696.3	7416.1	9991.8	16276.5	21530.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3539.9	3733.2	3900.6	4222.1	4452.0	4672.8	4954.7	5326.9	6317.6	7873.7	10460.0
-25°	3090.5	3209.6	3445.1	3820.5	4067.7	4199.8	4376.7	4517.8	4857.4	5218.9	6112.2
-27.5°	2731.4	2910.0	3200.1	3528.9	3765.8	3872.2	3965.1	4048.1	4261.4	4409.1	4662.8
-30°	2447.3	2736.4	3008.3	3309.1	3527.0	3653.4	3693.0	3812.8	3951.8	4057.3	4160.1
-32.5°	2039.7	2548.4	2795.7	3044.8	3290.9	3446.5	3553.1	3647.5	3778.0	3859.0	3899.4
-35°	1600.8	2121.6	2608.6	2775.6	2954.5	3178.0	3360.0	3456.0	3541.9	3619.9	3669.2
-37.5°	1208.0	1634.7	2088.0	2495.7	2687.2	2854.4	3119.1	3279.4	3357.2	3473.6	3539.8
-40°	1047.7	1168.8	1555.6	1937.3	2280.9	2661.8	2919.3	3166.3	3410.5	3560.1	3657.3
-42.5°	1011.8	1061.2	1107.1	1374.7	1718.2	2063.3	2442.8	2861.7	3212.2	3476.0	3721.2
-45°	982.8	1020.4	1057.3	1099.2	1139.5	1403.4	1700.1	2012.4	2415.6	2805.9	3143.0
-47.5°	907.9	979.0	1020.6	1052.2	1085.0	1121.6	1155.2	1226.0	1497.1	1785.4	2059.2
-50°	822.7	893.3	956.4	1014.9	1057.2	1085.6	1106.7	1134.5	1166.9	1195.7	1222.1
-52.5°	738.9	807.3	871.5	935.0	994.7	1049.5	1100.2	1132.2	1156.8	1178.4	1191.7
-55°	668.4	727.4	784.9	847.8	909.1	967.4	1022.5	1072.0	1118.5	1162.0	1186.9
-57.5°	591.4	649.4	707.0	765.1	821.0	874.6	927.7	979.5	1028.6	1073.5	1100.7
-60°	515.1	563.9	621.2	680.8	736.5	788.4	841.2	891.4	937.9	977.3	1001.6
-62.5°	443.5	489.0	536.6	589.6	646.9	702.8	749.8	797.3	844.8	885.6	913.5
-65°	367.5	405.7	444.3	485.8	529.6	575.4	622.5	668.8	714.0	750.9	777.4
-67.5°	260.1	297.9	334.8	371.7	405.3	439.2	475.2	511.6	547.8	577.5	601.0
-70°	160.3	184.0	206.3	230.3	258.4	287.8	317.9	346.0	372.0	391.2	405.4
-72.5°	86.5	96.1	107.5	125.4	142.1	159.7	177.9	195.3	211.7	223.8	232.9
-75°	47.4	51.7	59.1	66.1	72.7	80.5	88.4	95.9	102.8	109.7	115.9
-77.5°	35.8	38.0	40.0	41.7	43.3	46.0	49.1	52.3	55.4	59.5	63.8
-80°	28.0	29.1	30.2	31.3	32.4	34.3	36.3	38.3	40.2	42.2	44.0
-82.5°	21.6	22.2	22.7	23.1	23.5	24.8	26.1	27.3	28.5	30.5	32.5
-85°	16.3	16.7	17.1	17.4	17.6	18.5	19.5	20.5	21.5	23.0	24.5
-87.5°	12.8	13.2	13.6	14.0	14.4	15.1	15.7	16.3	16.7	18.1	19.4
-90°	3.7	3.2	2.8	2.3	1.8	1.8	1.8	1.8	1.8	1.4	0.9



REPORT NUMBER: P1305694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	36.1	40.2	42.9	45.7	42.9	40.2	36.1	32.0	27.9	23.8	21.0
87.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.3
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.1	3.4	3.4
75°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.8	4.1
72.5°	5.9	5.5	5.5	5.5	5.5	5.5	5.9	6.2	6.4	6.7	7.5
70°	8.9	9.0	9.1	9.1	9.1	9.0	8.9	8.8	8.7	9.1	10.4
67.5°	9.1	9.1	8.3	7.3	8.3	9.1	9.1	9.1	9.1	9.9	11.6
65°	8.6	9.0	8.3	7.3	8.3	9.0	8.6	8.2	7.9	8.9	10.9
62.5°	7.4	7.4	7.3	7.3	7.3	7.4	7.4	7.4	7.3	7.9	9.0
60°	6.7	7.2	7.3	7.3	7.3	7.2	6.7	6.4	6.1	6.9	7.8
57.5°	7.2	7.3	8.0	9.1	8.0	7.3	7.2	7.0	6.7	7.1	7.7
55°	8.9	9.0	9.1	9.1	9.1	9.0	8.9	8.7	8.4	8.7	8.9
52.5°	12.2	12.6	12.7	12.8	12.7	12.6	12.2	11.8	11.3	11.0	10.8
50°	15.9	16.2	15.8	14.6	15.8	16.2	15.9	15.4	15.1	14.6	13.6
47.5°	26.2	26.8	26.6	25.6	26.6	26.8	26.2	25.0	23.6	22.1	20.0
45°	41.8	41.9	41.8	42.1	41.8	41.9	41.8	40.8	40.4	37.8	32.1
42.5°	62.6	63.2	63.5	64.0	63.5	63.2	62.6	61.0	61.1	62.9	63.3
40°	90.5	91.0	89.9	87.8	89.9	91.0	90.5	88.9	89.4	79.5	79.4
37.5°	157.2	160.6	159.7	157.3	159.7	160.6	157.2	149.5	145.1	144.3	135.4
35°	234.6	232.5	226.3	226.7	226.3	232.5	234.6	229.3	214.6	194.0	198.0
32.5°	366.5	379.6	383.7	385.8	383.7	379.6	366.5	386.8	351.9	328.9	347.4
30°	872.4	846.0	729.0	693.0	729.0	846.0	872.4	822.4	751.6	701.6	664.1
27.5°	1549.8	1633.3	1709.7	1717.1	1709.7	1633.3	1549.8	1458.2	1332.3	1178.8	1037.7
25°	2862.1	3143.3	3261.8	3245.8	3261.8	3143.3	2862.1	2415.4	1982.7	1802.0	1553.1
22.5°	6314.8	7274.3	7774.4	7791.7	7774.4	7274.3	6314.8	4822.4	3560.1	2864.5	2303.6
20°	13778.8	16094.6	16679.5	16505.0	16679.5	16094.6	13778.8	10017.7	7143.3	4500.7	3292.5
17.5°	28410.5	35261.3	39938.4	40260.3	39938.4	35261.3	28410.5	20121.1	14663.8	8905.8	5408.1
15°	55295.4	67888.5	74419.0	75528.5	74419.0	67888.5	55295.4	40911.1	28471.1	18427.8	11110.2
12.5°	96596.9	115764.6	126429.4	128254.5	126429.4	115764.6	96596.9	73461.4	49047.0	32913.5	20612.5
10°	147340.8	174075.0	191458.3	199304.7	191458.3	174075.0	147340.8	112504.2	80643.3	52136.7	30521.7
7.5°	199408.0	241525.8	275921.8	283720.3	275921.8	241525.8	199408.0	156990.3	114010.7	75599.9	44874.9
5°	263822.1	320295.5	353326.6	360954.9	353326.6	320295.5	263822.1	204501.0	149319.6	98565.1	56838.7
2.5°	311588.8	372307.3	406927.5	425952.5	406927.5	372307.3	311588.8	239075.2	173538.7	113419.9	64276.3
0°	326412.6	381662.0	423282.8	453209.6	423282.8	381662.0	326412.6	249600.4	180669.5	118438.5	66674.5
-2.5°	306348.3	364930.0	395130.4	411955.4	395130.4	364930.0	306348.3	235561.9	172157.2	112546.6	63857.8
-5°	274428.2	328277.9	361213.5	371366.9	361213.5	328277.9	274428.2	215669.5	156613.7	102892.7	57498.1
-7.5°	232608.5	271933.4	296599.1	309036.3	296599.1	271933.4	232608.5	186152.3	132822.6	87338.5	49843.8
-10°	187342.3	217188.1	235586.1	242467.0	235586.1	217188.1	187342.3	146402.0	104847.1	68670.3	38402.5
-12.5°	137216.4	160988.0	175122.3	180575.2	175122.3	160988.0	137216.4	107808.1	76188.5	50772.7	29810.8
-15°	90569.2	107705.0	118577.1	122373.6	118577.1	107705.0	90569.2	71122.5	51986.7	35130.4	19683.7
-17.5°	54893.8	64352.8	71390.7	73166.0	71390.7	64352.8	54893.8	42509.0	31743.0	20667.5	11871.5
-20°	29048.9	33305.4	35682.6	37290.7	35682.6	33305.4	29048.9	21530.5	16276.5	9991.8	7416.1



REPORT NUMBER: P1305694 (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°	13771.4	16089.5	17157.9	17973.3	17157.9	16089.5	13771.4	10460.0	7873.7	6317.6	5326.9
-25°	6892.1	7371.6	7580.3	7872.1	7580.3	7371.6	6892.1	6112.2	5218.9	4857.4	4517.8
-27.5°	4834.3	4946.7	4991.0	5026.8	4991.0	4946.7	4834.3	4662.8	4409.1	4261.4	4048.1
-30°	4212.8	4231.3	4228.5	4225.9	4228.5	4231.3	4212.8	4160.1	4057.3	3951.8	3812.8
-32.5°	3943.2	3962.9	3961.5	3958.9	3961.5	3962.9	3943.2	3899.4	3859.0	3778.0	3647.5
-35°	3700.9	3726.5	3739.2	3745.0	3739.2	3726.5	3700.9	3669.2	3619.9	3541.9	3456.0
-37.5°	3576.7	3582.2	3567.7	3551.1	3567.7	3582.2	3576.7	3539.8	3473.6	3357.2	3279.4
-40°	3705.0	3791.8	3879.1	3905.9	3879.1	3791.8	3705.0	3657.3	3560.1	3410.5	3166.3
-42.5°	3802.0	3857.8	3883.0	3874.8	3883.0	3857.8	3802.0	3721.2	3476.0	3212.2	2861.7
-45°	3365.7	3538.7	3641.2	3666.3	3641.2	3538.7	3365.7	3143.0	2805.9	2415.6	2012.4
-47.5°	2288.9	2482.7	2604.8	2644.2	2604.8	2482.7	2288.9	2059.2	1785.4	1497.1	1226.0
-50°	1247.7	1272.1	1280.1	1272.7	1280.1	1272.1	1247.7	1222.1	1195.7	1166.9	1134.5
-52.5°	1204.9	1219.4	1228.7	1234.3	1228.7	1219.4	1204.9	1191.7	1178.4	1156.8	1132.2
-55°	1208.2	1226.8	1237.0	1241.6	1237.0	1226.8	1208.2	1186.9	1162.0	1118.5	1072.0
-57.5°	1124.7	1145.7	1155.7	1159.3	1155.7	1145.7	1124.7	1100.7	1073.5	1028.6	979.5
-60°	1023.6	1043.5	1051.2	1053.3	1051.2	1043.5	1023.6	1001.6	977.3	937.9	891.4
-62.5°	939.3	962.8	972.8	976.5	972.8	962.8	939.3	913.5	885.6	844.8	797.3
-65°	800.8	820.8	827.6	828.4	827.6	820.8	800.8	777.4	750.9	714.0	668.8
-67.5°	622.0	640.0	646.4	647.3	646.4	640.0	622.0	601.0	577.5	547.8	511.6
-70°	416.9	425.5	429.2	429.7	429.2	425.5	416.9	405.4	391.2	372.0	346.0
-72.5°	240.0	245.3	247.0	246.9	247.0	245.3	240.0	232.9	223.8	211.7	195.3
-75°	121.6	126.5	127.7	128.0	127.7	126.5	121.6	115.9	109.7	102.8	95.9
-77.5°	68.2	72.4	73.0	73.1	73.0	72.4	68.2	63.8	59.5	55.4	52.3
-80°	45.7	47.3	47.5	47.5	47.5	47.3	45.7	44.0	42.2	40.2	38.3
-82.5°	34.5	36.5	36.6	36.6	36.6	36.5	34.5	32.5	30.5	28.5	27.3
-85°	25.9	27.3	28.3	29.3	28.3	27.3	25.9	24.5	23.0	21.5	20.5
-87.5°	20.7	22.0	22.9	23.8	22.9	22.0	20.7	19.4	18.1	16.7	16.3
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.3	15.5	12.8	12.8	12.8	12.8	12.8	12.3	11.9	11.5	11.0
87.5°	2.7	3.1	3.5	3.5	3.6	3.6	3.7	4.2	4.6	5.1	5.5
85°	2.8	3.2	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5
82.5°	2.8	3.3	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5
80°	2.8	3.3	3.7	4.0	4.1	4.2	4.3	4.5	4.8	5.1	5.5
77.5°	3.4	3.6	3.8	4.3	4.7	5.2	5.6	6.0	6.2	6.4	6.4
75°	4.3	4.5	4.8	5.4	5.7	5.5	5.7	6.1	6.6	7.0	7.3
72.5°	8.0	8.3	8.8	9.8	10.4	11.1	11.0	10.4	9.4	8.2	7.3
70°	11.6	12.8	14.8	17.4	19.0	19.7	20.1	19.2	16.8	14.8	12.2
67.5°	13.2	14.6	17.3	20.9	23.8	26.2	29.2	32.0	32.0	29.4	21.1
65°	13.1	15.5	18.1	20.4	23.5	27.6	33.8	37.8	40.4	41.5	34.1
62.5°	10.5	12.4	13.8	16.0	18.9	23.9	32.0	38.6	44.4	45.5	38.5
60°	8.6	9.2	10.5	11.9	13.4	17.8	26.5	35.7	45.3	44.0	39.4
57.5°	8.5	9.3	9.8	10.4	10.9	14.3	20.6	29.4	39.3	38.8	36.2
55°	9.0	10.0	10.9	11.1	11.1	12.7	15.4	20.8	28.8	31.2	30.2
52.5°	10.9	11.5	12.4	13.7	13.9	13.4	13.4	16.5	19.0	22.3	24.2
50°	12.8	13.6	14.0	14.3	15.6	15.8	15.3	15.1	16.7	18.0	18.6
47.5°	19.4	19.2	17.8	17.6	18.8	18.5	18.2	18.1	19.1	18.0	18.0
45°	31.4	30.0	27.2	26.7	26.0	25.4	23.4	24.5	24.7	23.5	20.0
42.5°	58.5	49.7	42.8	43.4	39.5	36.9	33.8	33.6	33.0	31.1	29.0
40°	89.2	88.4	80.4	73.4	67.0	54.9	49.5	44.6	43.1	40.7	40.5
37.5°	128.0	126.4	130.9	127.2	112.1	95.0	76.3	61.8	54.0	59.6	58.2
35°	186.1	187.6	199.6	186.9	175.3	166.6	128.6	93.0	80.6	89.6	83.3
32.5°	264.8	321.6	342.1	306.6	292.5	276.2	222.4	153.6	143.2	137.4	122.0
30°	616.8	563.4	561.0	552.1	530.8	459.6	353.7	350.0	286.4	200.7	172.4
27.5°	1012.8	875.8	841.3	924.9	858.5	740.2	670.0	664.4	502.1	345.9	242.1
25°	1525.6	1393.0	1264.8	1334.6	1308.1	1097.6	1018.9	1003.4	866.6	546.5	329.0
22.5°	2120.0	1966.0	1813.6	1755.5	1691.5	1466.2	1334.2	1323.4	1267.0	785.9	492.0
20°	2665.6	2486.2	2291.7	2146.5	1968.6	1748.4	1601.1	1576.9	1424.4	1056.9	663.2
17.5°	3824.6	3031.7	2753.1	2525.5	2287.8	2015.5	1924.2	1822.0	1617.6	1290.4	828.1
15°	5952.1	4202.7	3392.3	2967.3	2709.9	2541.0	2359.6	2141.9	1843.9	1474.8	1054.5
12.5°	11667.7	6085.5	4174.0	3564.3	3346.0	3111.7	2861.6	2534.1	2129.4	1783.8	1399.8
10°	17876.1	9258.7	5541.4	4360.5	3979.6	3692.0	3309.9	2880.7	2465.8	2127.8	1750.8
7.5°	25182.0	13252.5	6955.0	5029.4	4463.1	4075.2	3621.0	3167.6	2760.7	2443.3	2099.6
5°	30719.6	16026.9	7889.7	5506.7	4810.0	4429.3	3917.1	3417.9	3020.4	2734.2	2436.8
2.5°	33039.0	17291.4	8479.8	5934.2	5116.3	4741.9	4196.9	3634.0	3219.5	2919.2	2621.9
0°	35012.2	18505.4	8978.4	6135.0	5363.3	4972.0	4456.3	3823.6	3386.6	3073.9	2777.6
-2.5°	32712.7	17203.6	8504.0	5998.0	5224.5	4791.2	4407.9	3931.1	3478.9	3131.5	2776.1
-5°	29053.8	14865.2	7918.1	5794.1	5093.0	4701.8	4391.0	4012.2	3552.7	3179.2	2732.3
-7.5°	25261.0	12568.3	7210.6	5536.4	4956.6	4650.7	4403.9	4065.2	3617.6	3264.2	2750.5
-10°	19117.4	10045.6	6614.5	5442.6	4932.6	4622.5	4431.5	4087.6	3675.4	3334.7	2712.9
-12.5°	15035.3	8001.4	6015.4	5394.3	5047.8	4736.5	4479.4	4067.2	3730.4	3392.5	2613.2
-15°	9752.5	6803.7	5698.3	5360.1	5146.1	4794.6	4463.0	3981.9	3632.0	3359.7	2447.3
-17.5°	7456.5	5810.6	5266.0	5060.3	4894.3	4739.8	4342.8	3844.4	3423.7	3031.9	2091.3
-20°	5696.3	5184.2	4883.7	4656.0	4457.8	4264.6	4063.7	3584.0	3159.0	2554.0	1729.8



REPORT NUMBER: P1305694 (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°	4954.7	4672.8	4452.0	4222.1	3900.6	3733.2	3539.9	3195.1	2837.2	2061.9	1379.9
-25°	4376.7	4199.8	4067.7	3820.5	3445.1	3209.6	3090.5	2840.2	2328.5	1627.4	1085.6
-27.5°	3965.1	3872.2	3765.8	3528.9	3200.1	2910.0	2731.4	2467.3	1830.6	1292.5	1016.7
-30°	3693.0	3653.4	3527.0	3309.1	3008.3	2736.4	2447.3	1945.9	1442.3	1038.0	963.1
-32.5°	3553.1	3446.5	3290.9	3044.8	2795.7	2548.4	2039.7	1493.2	1094.8	985.3	924.1
-35°	3360.0	3178.0	2954.5	2775.6	2608.6	2121.6	1600.8	1166.5	990.8	939.8	890.4
-37.5°	3119.1	2854.4	2687.2	2495.7	2088.0	1634.7	1208.0	1019.9	953.3	906.7	838.4
-40°	2919.3	2661.8	2280.9	1937.3	1555.6	1168.8	1047.7	985.4	931.7	860.4	775.3
-42.5°	2442.8	2063.3	1718.2	1374.7	1107.1	1061.2	1011.8	960.6	891.0	798.1	708.5
-45°	1700.1	1403.4	1139.5	1099.2	1057.3	1020.4	982.8	908.0	819.9	730.9	640.2
-47.5°	1155.2	1121.6	1085.0	1052.2	1020.6	979.0	907.9	828.0	745.2	661.2	581.4
-50°	1106.7	1085.6	1057.2	1014.9	956.4	893.3	822.7	746.7	672.4	599.7	523.6
-52.5°	1100.2	1049.5	994.7	935.0	871.5	807.3	738.9	675.1	608.9	538.5	467.3
-55°	1022.5	967.4	909.1	847.8	784.9	727.4	668.4	607.0	542.8	476.1	416.0
-57.5°	927.7	874.6	821.0	765.1	707.0	649.4	591.4	532.8	477.5	421.0	366.2
-60°	841.2	788.4	736.5	680.8	621.2	563.9	515.1	465.4	414.9	368.7	322.1
-62.5°	749.8	702.8	646.9	589.6	536.6	489.0	443.5	399.5	359.1	318.1	264.0
-65°	622.5	575.4	529.6	485.8	444.3	405.7	367.5	325.4	281.8	239.9	194.0
-67.5°	475.2	439.2	405.3	371.7	334.8	297.9	260.1	223.6	192.4	162.4	127.6
-70°	317.9	287.8	258.4	230.3	206.3	184.0	160.3	135.8	110.7	93.2	77.1
-72.5°	177.9	159.7	142.1	125.4	107.5	96.1	86.5	76.0	64.4	51.7	42.4
-75°	88.4	80.5	72.7	66.1	59.1	51.7	47.4	44.0	40.8	37.8	34.9
-77.5°	49.1	46.0	43.3	41.7	40.0	38.0	35.8	33.7	32.0	30.3	28.4
-80°	36.3	34.3	32.4	31.3	30.2	29.1	28.0	26.6	25.1	23.8	22.8
-82.5°	26.1	24.8	23.5	23.1	22.7	22.2	21.6	20.9	20.2	19.5	18.9
-85°	19.5	18.5	17.6	17.4	17.1	16.7	16.3	16.0	15.7	15.4	15.1
-87.5°	15.7	15.1	14.4	14.0	13.6	13.2	12.8	12.7	12.6	12.4	12.3
-90°	1.8	1.8	1.8	2.3	2.8	3.2	3.7	4.2	4.6	5.1	5.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.5	10.1	9.6	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
87.5°	5.5	5.5	5.5	5.5	5.7	6.0	6.1	6.3	6.5	6.7	7.0
85°	5.5	5.5	5.5	5.5	6.0	6.4	6.8	7.0	7.0	7.0	7.1
82.5°	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3
80°	5.5	5.5	5.5	5.6	6.0	6.5	6.9	7.3	7.3	7.3	7.3
77.5°	6.2	5.9	5.6	5.6	6.1	6.5	7.0	7.3	7.3	7.3	7.3
75°	7.3	7.0	6.6	6.3	6.3	6.6	7.0	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.0	6.9	7.1	7.3	7.3	7.3	7.3
70°	9.7	7.7	7.3	7.3	7.3	7.3	7.2	7.4	7.3	7.3	7.3
67.5°	13.8	10.9	8.8	7.5	7.3	7.3	7.3	7.5	7.6	7.3	7.3
65°	24.4	16.4	10.8	9.0	7.8	7.3	7.3	7.7	7.9	7.7	7.3
62.5°	31.4	23.7	16.4	11.2	8.5	7.6	7.3	7.8	8.2	8.1	7.6
60°	34.8	27.4	21.5	16.0	10.8	7.8	7.4	7.8	8.2	8.6	8.1
57.5°	32.1	29.4	25.1	20.0	14.5	9.4	7.5	7.9	8.3	8.7	8.6
55°	27.7	25.7	26.8	23.2	17.8	12.4	8.5	8.0	8.4	8.8	9.1
52.5°	23.0	23.6	25.6	25.1	20.6	15.1	10.9	8.1	8.5	8.9	9.1
50°	19.1	22.4	25.0	25.6	23.0	17.7	12.9	9.6	8.6	9.0	9.1
47.5°	18.4	22.3	24.6	26.5	24.8	20.1	14.9	11.0	8.7	9.1	9.1
45°	21.8	23.5	25.3	26.6	26.4	21.7	16.9	12.0	9.6	9.2	9.1
42.5°	27.0	27.5	27.9	27.2	26.8	22.6	18.6	13.5	10.2	9.3	9.2
40°	37.0	33.3	31.9	31.7	28.1	23.2	19.3	14.8	10.7	9.6	9.3
37.5°	48.7	42.4	37.9	40.3	32.2	25.5	19.5	16.0	11.9	10.4	9.5
35°	69.3	54.4	51.2	52.5	43.1	28.7	19.5	16.7	13.8	11.3	9.7
32.5°	94.3	79.8	76.3	67.0	57.0	32.8	21.4	18.2	15.7	12.2	10.0
30°	139.4	127.3	109.9	83.9	73.0	45.6	26.0	20.1	17.8	13.2	10.4
27.5°	208.1	182.1	152.2	113.8	89.0	61.3	31.8	22.2	19.9	14.5	11.2
25°	280.8	245.1	204.7	152.7	106.5	82.4	37.3	24.8	21.8	16.2	12.0
22.5°	361.8	309.9	262.1	196.4	134.3	106.7	48.5	29.5	23.7	17.9	12.8
20°	443.6	374.8	325.6	245.4	172.3	130.0	66.9	34.0	25.8	19.5	13.7
17.5°	536.7	456.2	400.5	303.3	214.0	155.5	86.7	38.2	27.9	21.1	14.5
15°	723.0	556.7	479.8	366.7	254.0	182.6	107.3	42.1	30.2	22.7	15.3
12.5°	948.8	655.9	562.9	433.9	292.2	210.8	128.2	45.8	32.5	24.3	16.0
10°	1197.3	753.2	648.1	503.0	328.3	239.4	148.8	51.3	36.0	25.8	16.6
7.5°	1457.2	848.1	733.8	572.0	366.4	277.9	190.2	61.8	39.9	27.3	17.1
5°	1693.9	935.6	819.7	654.1	425.1	325.2	235.3	72.5	43.8	28.7	17.6
2.5°	1815.1	1011.4	901.8	732.8	481.8	370.4	279.2	83.1	47.6	30.0	18.0
0°	1903.6	1082.5	978.3	804.6	535.8	413.3	320.0	93.3	51.2	31.1	18.3
-2.5°	1874.5	1100.7	999.5	838.7	592.8	456.9	354.0	120.5	66.9	40.3	22.6
-5°	1816.9	1115.6	1016.6	866.8	645.4	497.7	382.3	146.1	81.8	49.0	26.6
-7.5°	1791.6	1123.0	1027.1	888.8	692.6	535.3	404.6	169.5	95.8	57.1	30.4
-10°	1735.7	1124.7	1029.0	887.9	696.1	550.2	416.8	190.2	108.5	64.3	33.7
-12.5°	1628.0	1124.1	1029.6	878.8	687.1	544.0	400.5	202.4	119.4	70.5	36.6
-15°	1463.4	1121.4	1029.7	860.7	672.3	534.6	382.5	209.7	128.0	76.0	38.8
-17.5°	1229.5	1116.9	1030.1	833.4	651.6	522.1	363.7	214.6	135.0	81.1	41.3
-20°	1139.3	1086.9	1024.6	796.2	624.7	506.3	344.9	217.1	140.4	84.8	43.6



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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°	1085.1	1035.4	945.3	760.7	597.3	487.3	326.9	217.0	144.0	87.2	44.8
-25°	1024.4	981.6	862.3	706.4	573.6	459.3	317.2	214.3	145.8	88.0	44.7
-27.5°	963.5	917.2	785.6	652.3	541.8	434.9	312.2	215.3	146.0	87.1	43.3
-30°	902.2	834.6	722.0	603.0	508.2	403.7	304.1	214.1	144.7	85.4	40.5
-32.5°	857.8	762.6	663.0	564.2	471.8	371.3	285.8	210.5	141.1	82.1	39.0
-35°	803.5	704.6	607.4	524.0	433.9	344.0	264.3	204.3	135.3	76.8	37.6
-37.5°	746.6	650.7	562.5	482.2	395.2	315.0	246.6	188.6	127.2	69.3	35.3
-40°	686.0	597.7	518.1	439.5	360.3	284.5	227.3	171.2	116.9	59.6	32.1
-42.5°	623.6	546.6	471.7	396.4	325.4	261.7	206.7	152.3	100.8	52.9	28.1
-45°	565.2	493.6	423.8	357.1	290.8	237.6	184.1	132.1	83.3	47.3	25.0
-47.5°	505.1	440.9	378.8	317.3	263.1	211.7	159.8	111.7	65.2	40.6	24.0
-50°	448.3	391.2	336.3	283.9	234.4	183.0	134.6	90.5	55.6	32.3	22.7
-52.5°	401.3	346.5	298.2	251.8	201.8	152.6	110.3	69.5	45.2	28.1	21.1
-55°	357.3	305.8	262.6	214.8	166.6	124.3	85.2	56.6	34.0	25.8	19.5
-57.5°	316.7	267.7	220.2	173.9	132.7	95.6	65.7	42.8	29.3	23.4	18.5
-60°	273.1	219.4	173.1	134.7	99.1	70.7	48.9	32.0	26.5	21.1	17.3
-62.5°	213.3	167.2	129.2	95.8	71.1	51.0	33.9	28.8	23.6	19.7	16.0
-65°	154.0	117.5	85.9	67.3	48.9	35.0	30.3	25.5	21.6	18.2	14.8
-67.5°	95.1	76.5	59.0	42.4	35.2	30.7	26.5	23.1	19.9	16.6	14.0
-70°	60.8	45.5	38.4	34.3	30.2	26.6	24.0	21.1	18.1	15.6	13.1
-72.5°	39.1	35.6	32.1	28.7	26.4	24.0	21.7	19.3	16.9	14.6	12.2
-75°	32.0	29.6	27.6	25.7	23.6	21.5	19.7	17.9	15.7	13.5	11.6
-77.5°	26.7	25.2	24.0	22.5	20.6	19.0	17.8	16.6	14.5	12.7	11.0
-80°	22.0	21.0	19.8	18.5	17.4	16.5	15.9	15.2	13.4	11.8	10.4
-82.5°	17.9	17.0	16.2	15.5	15.1	14.6	14.2	13.7	12.3	11.0	9.9
-85°	14.6	14.1	13.7	13.3	13.1	12.8	12.5	12.2	11.2	10.3	9.6
-87.5°	12.1	11.8	11.5	11.2	11.1	10.9	10.8	10.7	10.2	9.7	9.4
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.1	8.6	8.2	7.8	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
67.5°	7.4	7.3	7.3	7.3	7.3	7.3	7.3
65°	7.4	7.4	7.3	7.3	7.3	7.3	7.3
62.5°	7.5	7.5	7.3	7.3	7.3	7.3	7.3
60°	7.6	7.7	7.3	7.3	7.3	7.3	7.3
57.5°	8.0	7.8	7.5	7.3	7.3	7.3	7.3
55°	8.3	8.0	7.6	7.3	7.3	7.3	7.3
52.5°	8.6	8.2	7.8	7.3	7.4	7.3	7.3
50°	8.9	8.4	8.0	7.3	7.4	7.3	7.3
47.5°	9.1	8.6	8.2	7.3	7.5	7.3	7.3
45°	9.1	8.8	8.5	7.5	7.5	7.3	7.3
42.5°	9.1	8.9	8.7	7.7	7.6	7.3	7.3
40°	9.1	9.0	8.9	7.9	7.6	7.3	7.3
37.5°	9.1	9.1	8.9	8.1	7.7	7.3	7.3
35°	9.1	9.1	9.0	8.3	7.8	7.3	7.3
32.5°	9.2	9.1	9.1	8.4	7.9	7.3	7.3
30°	9.4	9.1	9.1	8.6	8.0	7.3	7.3
27.5°	9.6	9.1	9.1	8.7	8.0	7.3	7.3
25°	9.8	9.1	9.1	8.8	8.1	7.3	7.3
22.5°	10.0	9.1	9.1	8.9	8.2	7.3	7.3
20°	10.3	9.3	9.1	8.9	8.3	7.3	7.3
17.5°	10.6	9.4	9.1	9.0	8.4	7.3	7.3
15°	11.0	9.6	9.1	9.0	8.5	7.3	7.3
12.5°	11.3	9.9	9.1	9.1	8.6	7.3	7.3
10°	11.7	10.1	9.1	9.1	8.7	7.3	7.3
7.5°	12.0	10.3	9.1	9.1	8.8	7.3	7.3
5°	12.3	10.6	9.1	9.1	8.9	7.3	7.3
2.5°	12.5	10.8	9.1	9.1	9.0	7.3	7.3
0°	12.8	11.0	9.1	9.1	9.1	7.3	7.3
-2.5°	14.3	11.4	9.3	9.2	9.1	7.3	7.3
-5°	15.7	11.8	9.4	9.3	9.1	7.4	7.3
-7.5°	17.0	12.1	9.6	9.5	9.1	7.4	7.3
-10°	18.1	12.4	9.8	9.6	9.1	7.5	7.3
-12.5°	19.1	12.6	9.9	9.7	9.0	7.5	7.3
-15°	19.9	12.8	10.1	9.8	9.0	7.5	7.3
-17.5°	20.5	13.0	10.3	9.8	9.0	7.6	7.3
-20°	21.1	13.1	10.4	9.9	9.0	7.6	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.8	13.1	10.6	9.9	8.9	7.6	7.3
-25°	22.1	13.3	10.7	10.0	8.9	7.6	7.3
-27.5°	22.0	13.5	10.9	10.0	8.9	7.7	7.3
-30°	21.3	13.6	11.0	10.0	8.9	7.7	7.3
-32.5°	20.0	13.6	11.2	9.9	8.8	7.7	7.3
-35°	19.5	13.5	11.4	9.8	8.8	7.7	7.3
-37.5°	19.3	13.4	11.5	9.8	8.8	7.7	7.3
-40°	18.9	13.5	11.6	9.6	8.8	7.7	7.3
-42.5°	18.4	13.6	11.5	9.5	8.8	7.7	7.3
-45°	17.7	13.5	11.4	9.4	8.8	7.8	7.3
-47.5°	16.8	13.4	11.2	9.3	8.8	7.7	7.3
-50°	16.4	13.2	10.9	9.2	8.8	7.7	7.3
-52.5°	15.9	12.9	10.7	9.3	8.8	7.7	7.3
-55°	15.3	12.5	10.4	9.3	8.8	7.7	7.3
-57.5°	14.6	12.1	10.1	9.3	8.8	7.7	7.3
-60°	13.8	11.6	9.8	9.2	8.9	7.7	7.3
-62.5°	13.2	11.1	9.7	9.2	8.8	7.7	7.3
-65°	12.5	10.6	9.6	9.2	8.7	7.6	7.3
-67.5°	11.7	10.2	9.5	9.2	8.6	7.6	7.3
-70°	10.9	10.0	9.4	9.1	8.5	7.6	7.3
-72.5°	10.5	9.7	9.3	9.0	8.3	7.6	7.3
-75°	10.1	9.5	9.1	8.8	8.2	7.5	7.3
-77.5°	9.6	9.2	9.0	8.6	8.1	7.5	7.3
-80°	9.2	9.0	8.8	8.4	7.9	7.5	7.3
-82.5°	9.1	8.9	8.7	8.3	7.8	7.4	7.3
-85°	9.1	8.8	8.5	8.1	7.6	7.4	7.3
-87.5°	9.1	8.7	8.4	7.9	7.5	7.3	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)