

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: P1305621 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

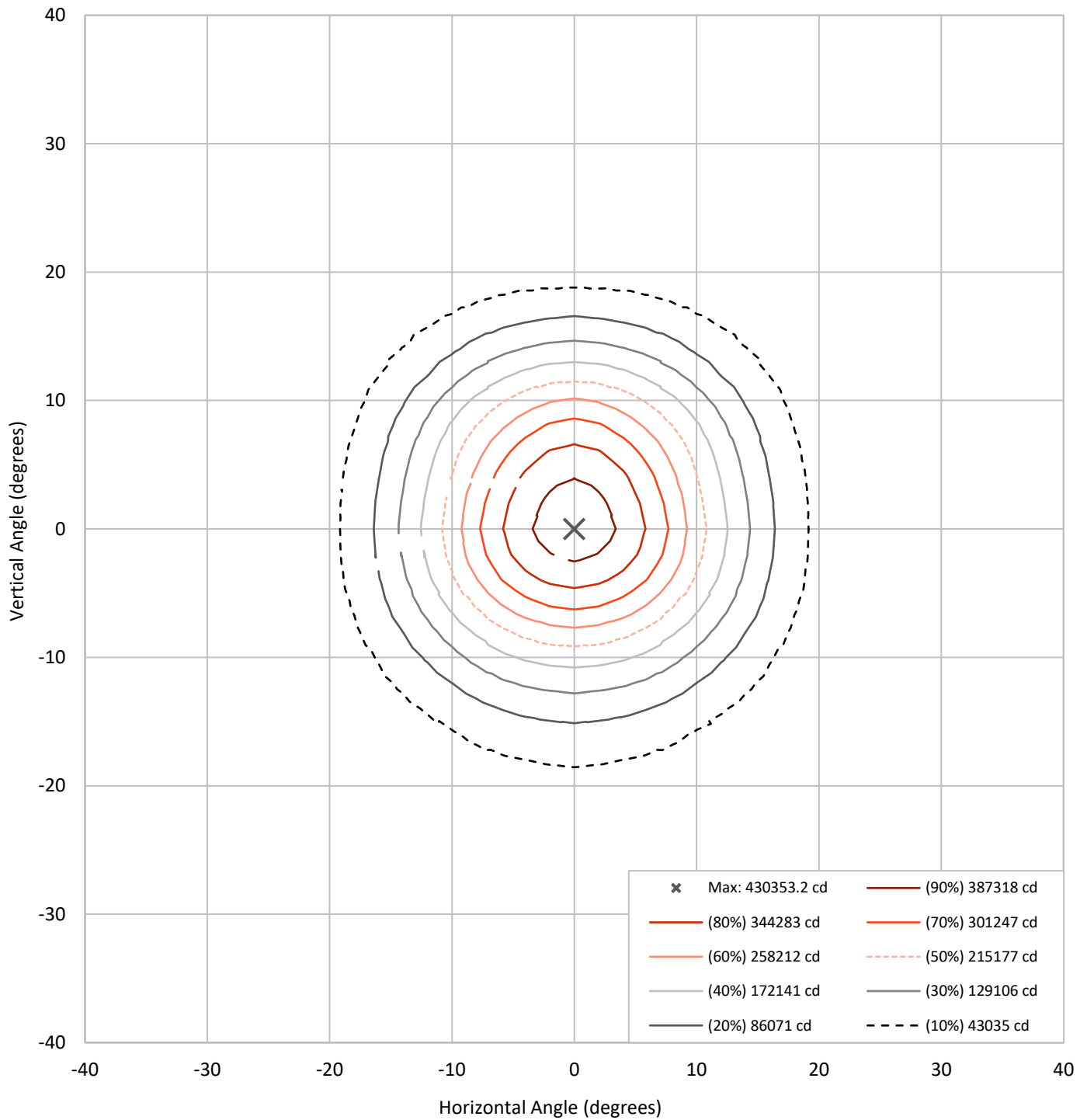
Test Method: LM-79-08
Report Number: P1305621 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	69588.5 lumens	Max Intensity:	430353.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	32313.8 lumens	Field Lumens:	58828.6 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
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		

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Iso-Candela Plot





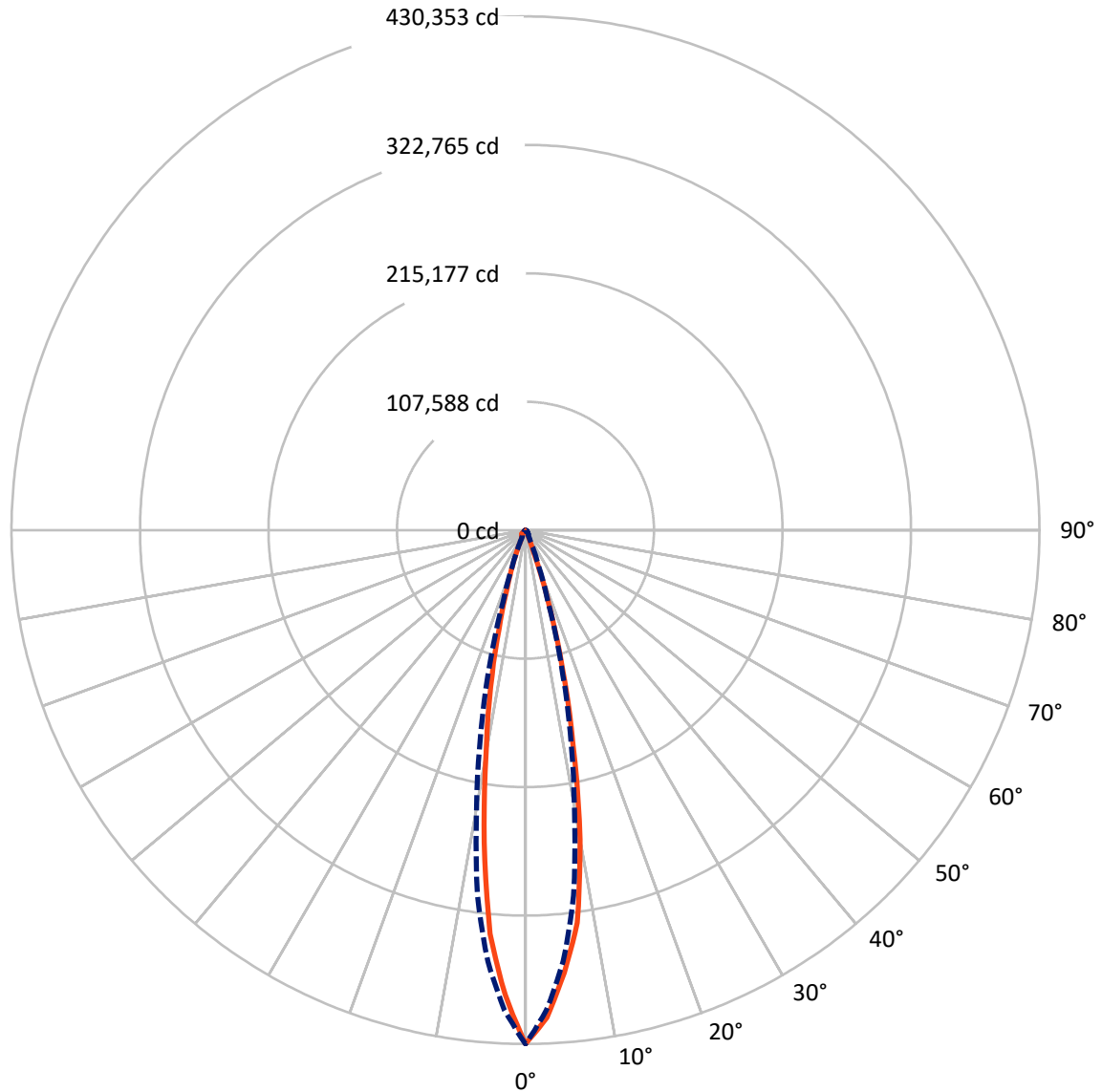
REPORT NUMBER: P1305621 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
70	0.1	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.1			
60		0.1	0.3	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.5	0.9	1.6	1.0	1.0	1.6	0.9	0.5	0.4	0.4	0.2	0.2			
40		0.3	0.9	2.4	4.6	6.7	9.3	11.2	11.2	9.3	6.7	4.6	2.4	0.9	0.3				
30	0.2	0.5	4.4	14.1	33.3	50.5	87.4	165.7	165.7	87.4	50.5	33.3	14.1	4.4	0.5	0.2			
20		1.3	9.3	37.2	85.2	159.4	1041.1	3226.2	3226.2	1041.1	159.4	85.2	37.2	9.3	1.3				
10	0.3	2.0	12.1	49.9	101.3	319.3	3060.0	9171.1	9171.1	3060.0	319.3	101.3	49.9	12.1	2.0	0.3			
0		2.5	13.0	50.1	101.0	304.4	2878.0	8340.9	8340.9	2878.0	304.4	101.0	50.1	13.0	2.5				
-10	0.6	3.0	12.4	40.1	85.4	148.1	846.6	2451.5	2451.5	846.6	148.1	85.4	40.1	12.4	3.0	0.6			
-20		3.0	11.7	28.4	76.5	114.3	173.6	335.6	335.6	173.6	114.3	76.5	28.4	11.7	3.0				
-30	0.5	2.7	10.1	21.4	53.4	110.9	144.1	161.1	161.1	144.1	110.9	53.4	21.4	10.1	2.7	0.5			
-40		1.9	7.5	17.6	31.6	53.5	91.4	121.8	121.8	91.4	53.5	31.6	17.6	7.5	1.9				
-50	0.3	0.9	4.5	11.6	22.5	34.0	44.3	50.2	50.2	44.3	34.0	22.5	11.6	4.5	0.9	0.3			
-60		0.4	1.5	4.7	9.9	15.9	21.8	25.3	25.3	21.8	15.9	9.9	4.7	1.5	0.4				
-70	0.2	0.4	1.5	4.7	9.9	15.9	21.8	25.3	25.3	21.8	15.9	9.9	4.7	1.5	0.4	0.2			
-80		1.1	3.4	7.8	10.5	7.8	3.4	1.1	0.2										
-90	0.2	1.1	3.4	7.8	10.5	7.8	3.4	1.1	0.2										

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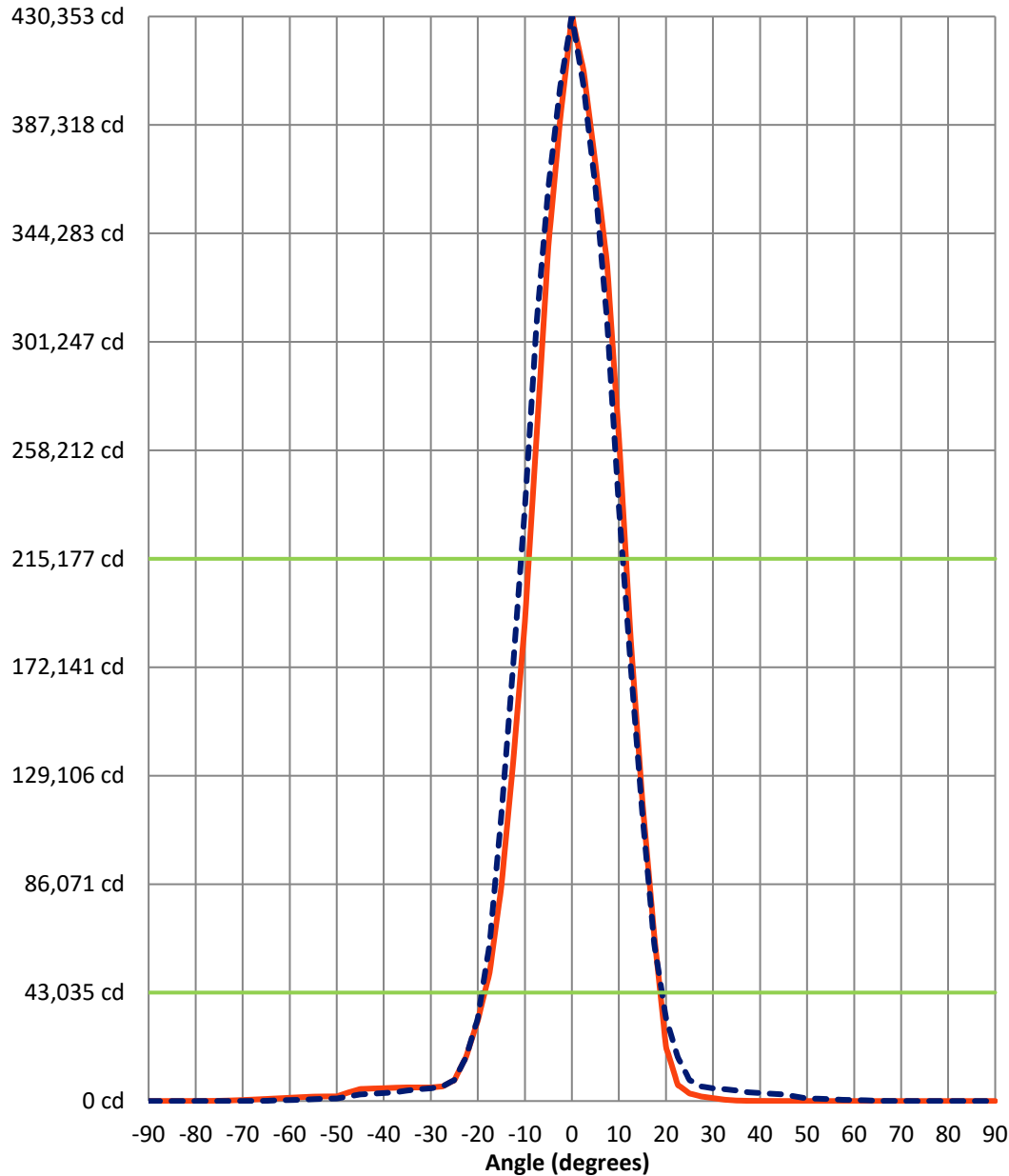
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.6°
 V Angle: 20.7°
 Lumens: 32313.8
 Efficiency: 46.4%

Field:
 H Angle: 38.3°
 V Angle: 37.3°
 Lumens: 58828.6
 Efficiency: 84.5%

Spill:
 Lumens: 10759.9
 Efficiency: 15.5%

— 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°	5.1	6.0	6.8	7.2	7.7	8.1	8.5	8.9	9.4	9.8	10.2
87.5°	5.1	5.1	5.1	4.7	4.4	4.1	3.8	3.8	3.7	3.6	3.4
85°	5.1	5.2	5.1	4.8	4.5	4.4	4.3	4.2	4.0	3.7	3.4
82.5°	5.1	5.2	5.1	4.8	4.7	4.7	4.7	4.6	4.3	4.0	3.9
80°	5.1	5.2	5.1	4.9	4.8	4.9	5.1	4.8	4.6	4.5	4.6
77.5°	5.1	5.3	5.1	5.0	5.0	5.1	5.1	4.9	4.9	5.0	5.1
75°	5.1	5.3	5.1	5.0	5.1	5.2	5.1	5.0	5.1	5.1	5.1
72.5°	5.1	5.4	5.1	5.1	5.3	5.4	5.2	5.1	5.1	5.1	5.1
70°	5.1	5.4	5.2	5.1	5.4	5.5	5.2	5.1	5.1	5.1	5.2
67.5°	5.1	5.4	5.2	5.3	5.6	5.6	5.3	5.1	5.1	5.4	5.3
65°	5.1	5.5	5.2	5.5	5.8	5.7	5.3	5.1	5.5	5.6	5.5
62.5°	5.1	5.5	5.3	5.6	6.0	5.8	5.4	5.4	5.9	5.9	5.5
60°	5.1	5.6	5.3	5.8	6.2	5.8	5.4	5.9	6.3	6.0	5.6
57.5°	5.1	5.6	5.5	6.0	6.2	5.8	5.8	6.3	6.4	6.1	6.1
55°	5.1	5.7	5.6	6.2	6.3	5.9	6.3	6.8	6.5	6.3	6.8
52.5°	5.1	5.7	5.7	6.4	6.3	6.0	6.7	7.0	6.6	6.9	7.5
50°	5.1	5.8	5.9	6.6	6.3	6.3	7.1	7.0	6.8	7.5	9.2
47.5°	5.1	5.8	6.0	6.7	6.4	6.7	7.5	7.1	7.4	8.2	10.8
45°	5.1	5.9	6.1	6.7	6.4	7.0	7.5	7.2	8.0	9.4	12.2
42.5°	5.1	5.9	6.2	6.8	6.5	7.3	7.6	7.6	8.6	10.4	14.1
40°	5.1	6.0	6.3	6.8	6.6	7.7	7.7	8.2	9.4	11.3	16.0
37.5°	5.1	6.0	6.4	6.9	6.9	8.0	7.8	8.8	10.4	12.7	17.7
35°	5.1	6.1	6.4	6.9	7.1	8.1	7.9	9.4	11.3	14.7	19.2
32.5°	5.1	6.1	6.5	7.0	7.4	8.2	8.1	10.0	12.2	16.8	21.3
30°	5.1	6.2	6.6	7.1	7.6	8.3	8.6	10.7	13.1	18.9	23.6
27.5°	5.1	6.3	6.6	7.1	7.8	8.4	9.1	11.4	14.3	21.1	26.0
25°	5.1	6.3	6.7	7.2	8.0	8.4	9.6	12.1	16.0	23.1	28.6
22.5°	5.1	6.4	6.7	7.4	8.1	8.5	10.1	12.8	17.7	25.1	33.3
20°	5.1	6.4	6.7	7.5	8.2	8.7	10.6	13.4	19.4	27.2	38.5
17.5°	5.1	6.5	6.8	7.6	8.3	8.8	11.1	14.0	20.9	29.3	44.2
15°	5.1	6.5	6.8	7.7	8.4	9.0	11.5	14.6	22.5	31.4	50.3
12.5°	5.1	6.6	6.8	7.9	8.4	9.2	12.0	15.1	23.7	33.4	56.5
10°	5.1	6.6	6.8	8.0	8.5	9.4	12.4	15.6	24.8	35.9	62.8
7.5°	5.1	6.7	6.8	8.1	8.5	9.6	12.7	16.0	25.6	38.6	69.1
5°	5.1	6.7	6.8	8.3	8.5	9.8	13.1	16.4	26.4	41.2	75.1
2.5°	5.1	6.8	6.8	8.4	8.5	10.0	13.4	16.7	26.9	43.7	80.5
0°	5.1	6.8	6.8	8.5	8.5	10.2	13.6	17.0	27.3	46.0	85.2
-2.5°	5.1	6.8	6.9	8.6	8.8	10.8	15.0	21.0	35.6	60.6	106.2
-5°	5.1	6.9	6.9	8.7	9.1	11.3	16.2	24.8	43.5	74.5	126.0
-7.5°	5.1	6.9	7.0	8.8	9.4	11.8	17.4	28.4	50.8	87.5	144.4
-10°	5.1	6.9	7.1	8.9	9.7	12.3	18.5	31.6	57.4	99.2	161.0
-12.5°	5.1	6.9	7.2	8.9	9.9	12.7	19.4	34.4	63.1	109.3	175.1
-15°	5.1	7.0	7.2	9.0	10.2	13.1	20.2	36.5	68.6	117.8	186.5
-17.5°	5.1	7.0	7.3	9.0	10.4	13.4	20.8	39.1	74.1	125.0	195.2
-20°	5.1	7.0	7.4	9.1	10.6	13.7	21.4	41.6	78.3	130.5	200.9



REPORT NUMBER: P1305621 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.1	7.0	7.5	9.1	10.7	13.9	22.2	43.0	80.9	134.5	203.2
-25°	5.1	7.0	7.5	9.1	10.9	14.1	22.6	43.4	81.9	136.8	202.1
-27.5°	5.1	7.0	7.6	9.1	10.9	14.3	22.4	42.7	81.3	137.5	203.7
-30°	5.1	7.0	7.7	9.1	11.0	14.3	21.7	40.7	80.0	136.5	203.2
-32.5°	5.1	7.0	7.7	9.1	11.1	14.3	20.4	39.4	77.7	133.1	200.4
-35°	5.1	7.0	7.8	9.0	11.2	14.2	19.9	37.9	73.5	127.2	195.4
-37.5°	5.1	7.0	7.8	9.0	11.3	14.1	19.7	35.6	67.5	118.9	183.4
-40°	5.1	6.9	7.9	8.9	11.3	14.1	19.3	32.3	59.7	109.8	168.4
-42.5°	5.1	6.9	8.0	8.9	11.3	14.1	18.8	28.2	53.5	97.3	151.1
-45°	5.1	6.9	8.0	8.9	11.3	14.1	18.2	25.0	47.7	82.9	131.9
-47.5°	5.1	6.9	8.1	8.8	11.2	14.0	17.3	24.0	40.7	67.2	113.9
-50°	5.1	6.8	8.1	8.9	11.1	13.8	17.0	22.8	32.4	57.5	93.9
-52.5°	5.1	6.8	8.1	8.9	11.0	13.7	16.8	21.4	28.4	47.0	73.3
-55°	5.1	6.8	8.2	9.0	10.8	13.4	16.4	19.9	26.3	35.6	60.1
-57.5°	5.1	6.7	8.2	9.0	10.6	13.1	16.1	19.4	24.0	30.8	46.0
-60°	5.1	6.7	8.3	9.0	10.4	12.8	15.6	18.7	21.9	27.9	34.8
-62.5°	5.1	6.6	8.2	9.0	10.3	12.4	15.1	18.0	21.0	24.7	31.1
-65°	5.1	6.6	8.1	9.0	10.1	12.0	14.5	17.2	20.0	23.0	27.2
-67.5°	5.1	6.5	8.0	8.9	10.0	11.6	13.9	16.4	18.9	21.7	24.8
-70°	5.1	6.5	7.9	8.9	9.8	11.3	13.3	15.4	17.7	20.3	23.1
-72.5°	5.1	6.4	7.7	8.7	9.6	10.8	12.6	14.5	16.5	18.8	21.3
-75°	5.1	6.4	7.6	8.5	9.3	10.4	11.9	13.5	15.2	17.2	19.3
-77.5°	5.1	6.3	7.5	8.3	9.1	9.9	11.1	12.6	14.1	15.6	17.3
-80°	5.1	6.2	7.4	8.1	8.8	9.5	10.3	11.6	13.0	14.4	15.8
-82.5°	5.1	6.2	7.2	7.9	8.5	9.2	9.8	10.8	11.9	13.2	14.4
-85°	5.1	6.1	7.1	7.7	8.2	8.8	9.4	10.2	11.1	12.0	13.0
-87.5°	5.1	6.0	6.9	7.4	7.9	8.4	8.9	9.6	10.2	10.9	11.6
-90°	5.1	5.1	5.1	4.7	4.3	3.8	3.4	3.4	3.4	3.4	3.4



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 CATALOG NUMBER: EPH-08-640L-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.2	10.2	10.2	10.2	10.6	11.1	11.5	11.9	12.3	12.8	13.2
87.5°	3.2	3.0	2.8	2.7	2.5	2.2	2.0	1.7	1.7	1.7	1.7
85°	3.4	3.4	3.4	3.4	3.0	2.6	2.1	1.7	1.7	1.7	1.7
82.5°	3.9	3.8	3.7	3.4	3.0	2.6	2.2	1.9	2.0	2.0	1.9
80°	4.5	4.3	3.9	3.5	3.2	3.1	3.0	3.1	3.0	2.7	2.5
77.5°	4.8	4.4	3.9	3.5	3.4	3.7	4.0	4.3	4.2	4.1	3.9
75°	4.8	4.4	4.2	4.2	4.5	4.8	5.1	5.1	4.9	4.8	4.8
72.5°	4.9	4.7	4.8	5.1	5.1	5.1	5.1	5.1	6.5	8.4	9.7
70°	5.0	5.1	5.1	5.1	5.1	5.6	7.9	11.3	14.8	16.6	18.4
67.5°	5.1	5.1	5.1	5.3	6.5	9.1	12.9	20.3	28.1	30.1	29.8
65°	5.1	5.1	5.7	6.9	8.3	14.6	22.6	31.9	38.7	37.7	35.2
62.5°	5.1	5.8	6.9	9.4	14.5	22.0	29.3	35.9	42.5	41.3	35.6
60°	5.8	6.7	9.5	14.5	20.1	25.6	32.4	36.7	41.0	42.0	32.1
57.5°	6.6	8.7	13.4	18.6	23.4	27.4	30.0	33.7	35.2	34.2	25.1
55°	8.0	11.5	16.6	21.6	25.0	24.0	25.6	26.7	26.2	24.2	17.8
52.5°	10.4	14.1	19.2	23.4	23.8	21.6	20.1	20.3	18.7	15.9	13.8
50°	12.5	16.8	21.4	23.9	22.8	19.3	16.1	15.5	14.5	13.1	11.9
47.5°	14.8	19.4	23.1	24.4	21.1	18.0	14.8	13.8	13.0	13.4	12.7
45°	17.0	21.4	25.1	23.1	20.2	17.7	16.4	13.6	15.3	16.3	16.9
42.5°	19.2	23.2	24.8	22.0	20.4	20.3	20.0	19.4	20.3	24.5	27.0
40°	20.8	24.8	24.7	24.2	22.4	25.7	28.8	31.3	31.5	37.0	41.4
37.5°	22.2	25.5	26.9	30.3	28.7	34.8	40.1	61.4	62.3	51.5	69.9
35°	23.6	26.8	35.4	45.0	48.8	47.5	77.5	105.6	112.5	101.2	120.1
32.5°	25.0	28.7	46.8	69.5	90.0	91.4	125.9	170.5	193.9	201.8	212.3
30°	27.7	39.4	64.6	100.3	149.7	190.1	206.5	254.5	297.8	384.5	445.1
27.5°	32.6	53.3	94.2	155.4	231.2	307.5	333.7	367.0	480.4	634.0	785.8
25°	38.6	82.7	128.0	228.4	344.2	428.9	462.2	507.1	721.5	1018.2	1192.7
22.5°	54.0	120.6	179.0	312.5	469.6	547.2	590.7	752.2	1080.1	1474.2	1651.0
20°	81.7	165.6	241.2	382.7	595.5	664.7	713.4	1049.4	1526.6	1901.1	2178.4
17.5°	113.7	210.8	302.9	456.8	650.0	754.1	856.1	1377.5	1994.6	2323.8	2650.4
15°	148.9	255.8	356.4	522.7	699.4	807.7	1075.4	1748.7	2417.7	2738.9	3064.7
12.5°	186.2	300.1	402.4	580.5	748.1	857.7	1274.7	2013.5	2643.8	3066.2	3457.2
10°	224.3	343.3	441.6	630.5	795.3	904.0	1461.1	2238.5	2763.6	3139.5	3582.4
7.5°	250.0	371.5	472.2	672.8	840.2	946.5	1630.0	2424.1	2845.0	3176.2	3569.8
5°	270.3	382.2	483.9	702.9	877.0	980.1	1763.1	2570.8	2894.4	3181.9	3503.8
2.5°	286.5	389.4	493.0	726.3	906.5	1001.5	1807.1	2615.9	2904.2	3181.6	3472.1
0°	298.2	393.6	499.3	743.0	930.4	1019.0	1816.5	2625.9	2896.9	3174.6	3484.8
-2.5°	308.8	405.7	518.9	757.2	931.4	1021.0	1807.6	2614.3	2929.6	3251.5	3621.9
-5°	315.2	415.4	534.9	764.5	927.8	1019.7	1766.4	2567.7	2926.2	3252.9	3644.6
-7.5°	318.3	422.8	546.8	763.6	915.0	1005.9	1657.2	2418.6	2811.2	3118.9	3529.5
-10°	319.3	431.8	554.6	747.4	891.1	982.7	1516.3	2241.6	2684.0	2972.3	3370.7
-12.5°	322.2	442.2	559.6	729.1	867.3	956.3	1356.9	2040.5	2546.2	2815.0	3189.4
-15°	322.1	450.2	562.1	710.2	845.2	926.8	1182.8	1818.6	2443.6	2785.1	3091.1
-17.5°	319.1	455.8	562.3	692.2	826.1	894.2	1003.7	1622.6	2358.8	2772.8	3069.7
-20°	313.6	459.0	560.6	676.1	808.4	880.4	969.6	1432.7	2133.3	2729.2	3061.2



REPORT NUMBER: P1305621 (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°	305.7	459.9	558.7	668.0	794.4	884.9	961.4	1224.7	1835.4	2656.7	3004.2
-25°	301.4	446.5	556.4	658.5	779.6	890.2	952.7	1032.8	1541.1	2292.0	2870.4
-27.5°	299.1	430.9	543.7	642.7	760.6	888.8	953.5	1021.2	1292.1	1875.7	2663.8
-30°	292.1	405.2	526.5	622.1	738.3	863.8	959.8	1012.8	1088.9	1541.6	2184.7
-32.5°	277.5	378.3	498.2	599.7	709.1	834.5	953.3	1012.6	1077.5	1211.8	1730.8
-35°	262.0	357.1	465.8	572.0	673.2	794.9	911.1	1010.4	1066.5	1136.1	1368.1
-37.5°	249.8	333.3	432.6	537.9	637.8	747.2	864.3	974.1	1058.1	1128.1	1216.6
-40°	234.4	306.8	402.3	501.0	598.8	699.9	809.4	919.9	1025.9	1132.2	1212.8
-42.5°	215.9	286.3	370.6	463.4	557.1	654.3	752.1	858.7	982.4	1116.2	1219.6
-45°	193.9	262.4	337.5	423.4	511.5	605.0	699.6	795.8	926.3	1063.8	1193.5
-47.5°	169.1	234.9	306.4	380.4	463.6	550.7	642.8	743.6	858.0	989.3	1130.6
-50°	143.0	204.0	270.8	339.5	413.6	494.2	579.3	681.1	788.7	903.7	1031.2
-52.5°	118.3	170.1	231.9	297.4	364.6	436.7	516.5	607.6	708.6	815.7	922.8
-55°	91.6	138.2	189.8	251.1	315.6	380.5	450.3	531.1	618.8	716.5	812.5
-57.5°	71.0	105.1	149.6	200.9	260.9	323.8	385.6	451.2	528.1	611.4	692.3
-60°	53.8	77.2	110.0	153.4	201.6	258.1	317.4	377.2	439.0	501.0	569.9
-62.5°	38.1	56.1	77.9	106.6	147.8	189.9	239.4	294.5	352.8	406.0	456.8
-65°	33.4	38.7	53.5	73.7	94.9	129.7	167.3	205.8	253.9	301.5	350.0
-67.5°	28.4	33.3	38.0	45.7	63.9	82.1	100.3	133.0	166.4	196.9	229.3
-70°	25.7	28.1	32.1	36.4	40.6	48.2	64.0	79.7	94.9	113.0	138.7
-72.5°	23.5	25.5	27.7	30.1	33.7	37.4	41.0	44.5	53.5	66.0	77.7
-75°	21.2	22.8	24.6	26.5	28.6	30.8	33.2	36.4	39.2	42.0	44.8
-77.5°	18.9	20.3	21.7	23.0	24.4	26.1	27.9	29.9	31.5	33.1	34.8
-80°	16.8	17.8	18.9	20.1	21.1	22.1	23.1	24.3	25.2	26.1	27.2
-82.5°	15.0	15.7	16.4	17.2	17.9	18.4	18.9	19.5	20.4	21.3	22.1
-85°	13.3	13.6	13.9	14.3	15.0	15.6	16.2	16.7	17.1	17.5	18.0
-87.5°	11.8	11.9	12.0	12.1	12.7	13.2	13.8	14.3	14.5	14.7	14.9
-90°	3.0	2.6	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.6	13.6	13.6	13.6	13.6	14.0	14.5	14.9	15.3	15.3	15.3
87.5°	1.7	1.6	1.6	1.6	1.5	1.2	0.8	0.4	0.0	0.0	0.0
85°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	2.2	2.2	2.1	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	3.6	3.4	3.0	2.4	1.8	1.7	1.7	1.7	1.7	1.7	1.7
75°	4.9	4.8	4.7	4.2	3.5	3.4	3.4	3.3	3.1	3.2	3.2
72.5°	10.3	10.3	9.6	8.9	7.7	7.0	6.9	6.6	6.2	5.9	5.7
70°	18.9	18.3	17.2	15.2	12.7	10.9	9.9	8.7	7.3	6.7	6.7
67.5°	27.2	24.4	22.0	19.4	15.9	13.1	11.5	10.0	8.6	7.9	7.6
65°	31.4	25.1	20.8	17.6	15.1	12.7	11.0	9.4	8.0	7.2	7.0
62.5°	28.8	20.8	16.5	13.8	11.6	10.0	8.8	7.6	6.4	5.7	5.9
60°	23.5	16.1	12.3	10.8	9.6	8.6	7.5	6.5	5.6	5.2	5.7
57.5°	18.0	12.8	10.1	9.4	8.5	7.3	6.6	6.3	6.2	6.2	6.5
55°	13.4	11.3	10.2	9.0	8.0	7.2	6.9	7.1	7.0	6.8	6.8
52.5°	11.4	10.5	9.3	8.2	8.0	8.1	8.4	8.0	7.9	7.8	8.0
50°	11.2	10.2	9.4	8.5	8.8	8.8	8.6	8.9	9.4	9.5	9.7
47.5°	12.0	11.4	12.0	10.1	10.5	11.7	11.8	12.0	13.6	14.3	14.5
45°	15.8	19.4	19.3	17.8	17.2	24.9	25.4	21.3	34.6	33.3	23.4
42.5°	29.4	31.2	31.3	39.1	52.9	60.4	80.0	111.3	104.3	81.0	49.0
40°	48.6	46.2	56.4	72.4	88.4	107.3	134.3	187.6	178.5	142.9	157.0
37.5°	84.0	84.0	88.8	111.0	117.2	100.9	143.4	138.5	110.4	155.3	164.3
35°	153.5	168.9	143.4	177.8	182.4	167.8	175.9	194.5	168.2	201.3	215.5
32.5°	275.6	304.1	307.9	316.3	341.7	361.1	355.7	401.1	403.4	446.2	504.9
30°	440.6	499.6	560.9	570.4	602.0	653.3	679.2	770.6	867.4	930.8	1047.4
27.5°	774.5	789.0	912.1	1009.0	970.5	1047.4	1239.8	1351.3	1536.4	1646.7	1763.9
25°	1243.9	1284.1	1457.4	1636.1	1659.9	1730.1	2009.7	2169.2	2360.0	2471.4	2713.1
22.5°	1839.6	2012.8	2203.7	2438.6	2535.0	2700.0	2971.7	3205.7	3603.2	4094.9	5154.4
20°	2503.3	2763.5	3020.1	3226.5	3425.2	3687.6	4018.3	5147.5	6485.4	10516.8	13298.3
17.5°	3071.1	3497.4	3742.6	3942.5	4191.9	4698.2	6010.7	9338.2	15755.1	24730.4	32946.0
15°	3512.8	3910.7	4305.2	4555.6	4945.4	6066.2	8736.7	16897.4	30194.0	45345.0	63679.2
12.5°	3862.8	4193.3	4524.6	4893.2	5613.6	7797.7	14592.0	27194.7	46530.3	71021.1	103524.3
10°	4051.9	4382.6	4702.3	5227.0	6560.4	10537.6	20059.5	36679.6	67026.7	105275.7	146698.7
7.5°	4050.6	4453.7	4849.1	5489.0	7525.4	13811.6	26500.1	48990.4	84885.8	132839.2	186167.5
5°	4048.4	4536.2	4950.4	5672.6	8129.1	16045.9	30497.8	55808.2	99427.6	153543.1	210644.7
2.5°	4087.6	4624.5	5015.8	5793.6	8408.8	17244.8	32715.5	61193.2	109594.1	165327.4	226345.0
0°	4180.0	4703.2	5054.2	5805.7	8375.4	17492.1	32973.4	62496.1	113506.9	172718.4	235333.0
-2.5°	4332.9	4691.9	5032.5	5756.7	8263.8	16981.9	32371.0	61359.6	108973.1	164493.9	225093.2
-5°	4240.9	4530.8	4832.1	5483.6	7715.7	15193.2	29159.1	54906.8	95574.0	145432.0	197343.7
-7.5°	4004.6	4298.4	4577.5	5139.4	6925.6	12537.9	23852.5	44108.0	75871.7	114700.9	155474.1
-10°	3789.3	4052.7	4315.5	4765.0	5917.6	9196.1	17068.5	31216.0	55395.1	84665.4	115824.6
-12.5°	3623.5	3844.8	4047.1	4348.4	4989.4	6820.5	12417.6	22917.7	37198.9	55833.9	78637.8
-15°	3477.6	3649.6	3798.5	4088.3	4564.8	5521.5	7737.5	13736.1	22634.7	34376.8	46828.5
-17.5°	3342.6	3507.6	3683.4	3904.3	4204.2	4663.5	5936.5	8459.7	13593.4	21263.7	28607.3
-20°	3273.6	3475.5	3626.6	3799.4	4054.0	4406.9	4854.2	6105.8	8221.8	12935.8	17710.7



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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°	3219.1	3411.7	3584.1	3784.6	4046.0	4324.6	4566.0	4948.3	5946.6	7427.0	9892.0
-25°	3152.7	3342.6	3597.7	3889.5	4114.1	4324.7	4447.2	4526.9	4955.3	5378.5	6322.1
-27.5°	3026.9	3327.7	3702.3	4017.3	4259.0	4389.7	4488.4	4553.0	4809.8	5062.1	5336.7
-30°	2914.4	3375.5	3780.0	4146.3	4356.7	4516.4	4645.0	4761.4	4938.9	5152.6	5252.4
-32.5°	2514.9	3362.6	3812.5	4149.7	4365.9	4554.3	4752.6	4860.1	5016.4	5172.9	5299.1
-35°	1975.4	2836.8	3777.3	3970.4	4185.0	4430.6	4668.8	4821.9	4981.1	5142.2	5290.8
-37.5°	1479.8	2124.0	2886.8	3584.4	3872.3	4123.8	4416.1	4651.9	4860.2	5035.9	5205.2
-40°	1297.0	1471.9	2033.0	2587.0	3175.5	3715.5	4004.5	4320.1	4633.6	4850.7	5043.8
-42.5°	1295.0	1362.0	1419.3	1790.6	2243.4	2707.9	3199.3	3657.4	4167.5	4524.9	4796.2
-45°	1303.3	1355.4	1408.8	1462.6	1512.0	1853.7	2212.2	2575.6	3107.8	3636.3	4093.1
-47.5°	1241.3	1341.8	1405.8	1457.4	1506.3	1554.2	1601.1	1699.2	2039.4	2399.6	2728.7
-50°	1142.9	1246.5	1341.8	1437.2	1493.3	1540.7	1591.7	1647.7	1702.2	1757.5	1794.3
-52.5°	1022.2	1124.2	1223.3	1314.0	1395.6	1475.8	1556.0	1621.1	1679.2	1735.9	1764.1
-55°	906.8	998.6	1088.9	1168.6	1248.3	1327.4	1407.1	1486.4	1565.3	1642.6	1682.2
-57.5°	778.7	867.9	952.8	1020.0	1087.6	1155.1	1227.5	1302.0	1373.9	1439.7	1474.4
-60°	642.9	719.2	791.9	857.1	920.5	981.4	1042.8	1105.0	1165.8	1219.4	1250.8
-62.5°	507.7	566.7	627.3	684.1	738.0	790.0	846.1	899.6	950.2	992.8	1022.5
-65°	397.4	441.5	480.3	519.7	559.6	605.3	651.5	695.2	736.1	769.9	795.3
-67.5°	269.9	310.3	345.9	379.4	410.0	441.2	474.3	506.1	536.3	561.2	580.8
-70°	163.2	186.0	206.3	228.8	255.5	281.8	308.0	332.2	354.2	372.3	386.6
-72.5°	88.7	98.4	108.7	124.9	139.8	154.7	169.4	182.9	195.1	205.9	215.4
-75°	47.7	51.8	59.3	66.1	72.0	78.1	83.9	89.3	94.1	98.1	101.4
-77.5°	36.8	38.9	40.7	42.3	43.7	45.0	46.3	47.5	48.7	49.8	50.9
-80°	28.3	29.7	31.1	32.4	33.6	34.5	35.2	35.8	36.3	37.0	37.8
-82.5°	22.7	23.4	24.0	24.6	25.3	26.0	26.7	27.4	28.1	28.4	28.6
-85°	18.5	18.8	19.0	19.2	19.4	19.7	19.9	20.0	20.2	20.2	20.3
-87.5°	15.0	15.0	15.1	15.1	15.1	15.6	16.0	16.5	16.9	17.0	17.0
-90°	1.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305621 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	14.9
87.5°	0.0	0.0	0.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.4
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.3
72.5°	5.5	5.1	5.1	5.1	5.1	5.1	5.5	5.7	5.9	6.2	6.6
70°	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.7	6.7	7.3	8.7
67.5°	7.3	6.9	6.0	5.1	6.0	6.9	7.3	7.6	7.9	8.6	10.0
65°	6.9	6.8	6.0	5.1	6.0	6.8	6.9	7.0	7.2	8.0	9.4
62.5°	6.3	6.7	6.1	5.1	6.1	6.7	6.3	5.9	5.7	6.4	7.6
60°	6.2	6.7	6.8	6.8	6.8	6.7	6.2	5.7	5.2	5.6	6.5
57.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.5	6.2	6.2	6.3
55°	6.8	6.8	7.5	8.5	7.5	6.8	6.8	6.8	6.8	7.0	7.1
52.5°	8.2	8.4	8.5	8.5	8.5	8.4	8.2	8.0	7.8	7.9	8.0
50°	9.9	10.1	10.2	10.2	10.2	10.1	9.9	9.7	9.5	9.4	8.9
47.5°	14.4	13.9	13.5	13.6	13.5	13.9	14.4	14.5	14.3	13.6	12.0
45°	23.8	23.7	23.7	23.9	23.7	23.7	23.8	23.4	33.3	34.6	21.3
42.5°	47.7	42.9	39.3	40.9	39.3	42.9	47.7	49.0	81.0	104.3	111.3
40°	140.2	96.3	55.8	56.2	55.8	96.3	140.2	157.0	142.9	178.5	187.6
37.5°	131.0	105.7	95.3	93.7	95.3	105.7	131.0	164.3	155.3	110.4	138.5
35°	216.2	214.9	205.4	204.5	205.4	214.9	216.2	215.5	201.3	168.2	194.5
32.5°	527.5	549.2	542.1	533.4	542.1	549.2	527.5	504.9	446.2	403.4	401.1
30°	1102.7	1150.7	1141.0	1167.3	1141.0	1150.7	1102.7	1047.4	930.8	867.4	770.6
27.5°	1828.8	1860.2	1827.8	1818.2	1827.8	1860.2	1828.8	1763.9	1646.7	1536.4	1351.3
25°	2878.4	2939.3	2967.3	3024.7	2967.3	2939.3	2878.4	2713.1	2471.4	2360.0	2169.2
22.5°	6471.7	6848.8	6655.2	6482.2	6655.2	6848.8	6471.7	5154.4	4094.9	3603.2	3205.7
20°	18992.6	22347.1	22099.9	21658.5	22099.9	22347.1	18992.6	13298.3	10516.8	6485.4	5147.5
17.5°	45796.9	56102.3	62520.1	65897.4	62520.1	56102.3	45796.9	32946.0	24730.4	15755.1	9338.2
15°	85437.8	102771.5	112949.0	118721.3	112949.0	102771.5	85437.8	63679.2	45345.0	30194.0	16897.4
12.5°	134772.2	161940.5	179964.2	183409.7	179964.2	161940.5	134772.2	103524.3	71021.1	46530.3	27194.7
10°	189096.1	223892.5	252589.9	263056.2	252589.9	223892.5	189096.1	146698.7	105275.7	67026.7	36679.6
7.5°	235490.6	279894.7	318000.8	331553.9	318000.8	279894.7	235490.6	186167.5	132839.2	84885.8	48990.4
5°	269226.6	328130.6	362622.8	371929.7	362622.8	328130.6	269226.6	210644.7	153543.1	99427.6	55808.2
2.5°	296688.0	352602.3	389582.8	408649.5	389582.8	352602.3	296688.0	226345.0	165327.4	109594.1	61193.2
0°	308762.2	362496.1	402379.4	430353.2	402379.4	362496.1	308762.2	235333.0	172718.4	113506.9	62496.1
-2.5°	293923.9	348874.4	377245.3	389506.2	377245.3	348874.4	293923.9	225093.2	164493.9	108973.1	61359.6
-5°	249896.8	301697.4	330212.4	339271.6	330212.4	301697.4	249896.8	197343.7	145432.0	95574.0	54906.8
-7.5°	194929.9	230817.4	255419.3	263993.4	255419.3	230817.4	194929.9	155474.1	114700.9	75871.7	44108.0
-10°	146778.0	172515.5	185699.2	190155.1	185699.2	172515.5	146778.0	115824.6	84665.4	55395.1	31216.0
-12.5°	100785.7	120161.0	128683.1	134281.8	128683.1	120161.0	100785.7	78637.8	55833.9	37198.9	22917.7
-15°	61996.0	74627.3	81337.7	85168.5	81337.7	74627.3	61996.0	46828.5	34376.8	22634.7	13736.1
-17.5°	37665.8	44531.9	48979.0	50993.7	48979.0	44531.9	37665.8	28607.3	21263.7	13593.4	8459.7
-20°	23383.9	27955.4	30552.1	32041.3	30552.1	27955.4	23383.9	17710.7	12935.8	8221.8	6105.8



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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°	13136.4	15644.7	17051.3	17541.5	17051.3	15644.7	13136.4	9892.0	7427.0	5946.6	4948.3
-25°	7305.0	7943.4	8222.8	8288.5	8222.8	7943.4	7305.0	6322.1	5378.5	4955.3	4526.9
-27.5°	5574.7	5710.8	5797.0	5822.7	5797.0	5710.8	5574.7	5336.7	5062.1	4809.8	4553.0
-30°	5347.4	5361.6	5385.3	5381.4	5385.3	5361.6	5347.4	5252.4	5152.6	4938.9	4761.4
-32.5°	5388.0	5393.2	5397.9	5389.9	5397.9	5393.2	5388.0	5299.1	5172.9	5016.4	4860.1
-35°	5371.9	5387.3	5399.4	5405.3	5399.4	5387.3	5371.9	5290.8	5142.2	4981.1	4821.9
-37.5°	5272.5	5293.8	5304.2	5294.5	5304.2	5293.8	5272.5	5205.2	5035.9	4860.2	4651.9
-40°	5090.2	5105.6	5106.6	5098.5	5106.6	5105.6	5090.2	5043.8	4850.7	4633.6	4320.1
-42.5°	4878.8	4932.6	4958.0	4958.8	4958.0	4932.6	4878.8	4796.2	4524.9	4167.5	3657.4
-45°	4382.6	4607.2	4740.5	4773.0	4740.5	4607.2	4382.6	4093.1	3636.3	3107.8	2575.6
-47.5°	2991.8	3214.9	3360.1	3414.9	3360.1	3214.9	2991.8	2728.7	2399.6	2039.4	1699.2
-50°	1821.1	1848.1	1860.0	1857.4	1860.0	1848.1	1821.1	1794.3	1757.5	1702.2	1647.7
-52.5°	1785.8	1807.1	1820.3	1826.7	1820.3	1807.1	1785.8	1764.1	1735.9	1679.2	1621.1
-55°	1714.7	1741.5	1755.3	1758.6	1755.3	1741.5	1714.7	1682.2	1642.6	1565.3	1486.4
-57.5°	1503.6	1526.9	1540.3	1545.6	1540.3	1526.9	1503.6	1474.4	1439.7	1373.9	1302.0
-60°	1276.3	1295.8	1304.3	1305.3	1304.3	1295.8	1276.3	1250.8	1219.4	1165.8	1105.0
-62.5°	1047.1	1066.6	1073.0	1071.8	1073.0	1066.6	1047.1	1022.5	992.8	950.2	899.6
-65°	816.4	833.3	836.7	833.3	836.7	833.3	816.4	795.3	769.9	736.1	695.2
-67.5°	597.3	610.5	614.4	613.5	614.4	610.5	597.3	580.8	561.2	536.3	506.1
-70°	398.0	406.6	406.3	402.2	406.3	406.6	398.0	386.6	372.3	354.2	332.2
-72.5°	223.4	229.8	235.1	238.6	235.1	229.8	223.4	215.4	205.9	195.1	182.9
-75°	104.1	106.1	108.7	110.8	108.7	106.1	104.1	101.4	98.1	94.1	89.3
-77.5°	51.8	52.5	53.6	54.5	53.6	52.5	51.8	50.9	49.8	48.7	47.5
-80°	38.4	39.0	39.2	39.2	39.2	39.0	38.4	37.8	37.0	36.3	35.8
-82.5°	28.8	28.9	29.0	29.0	29.0	28.9	28.8	28.6	28.4	28.1	27.4
-85°	20.3	20.4	21.3	22.2	21.3	20.4	20.3	20.3	20.2	20.2	20.0
-87.5°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.5	14.0	13.6	13.6	13.6	13.6	13.6	13.2	12.8	12.3	11.9
87.5°	0.8	1.2	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
85°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	1.9
80°	1.7	1.7	1.7	2.0	2.1	2.2	2.2	2.5	2.7	3.0	3.1
77.5°	1.7	1.7	1.8	2.4	3.0	3.4	3.6	3.9	4.1	4.2	4.3
75°	3.4	3.4	3.5	4.2	4.7	4.8	4.9	4.8	4.8	4.9	5.1
72.5°	6.9	7.0	7.7	8.9	9.6	10.3	10.3	9.7	8.4	6.5	5.1
70°	9.9	10.9	12.7	15.2	17.2	18.3	18.9	18.4	16.6	14.8	11.3
67.5°	11.5	13.1	15.9	19.4	22.0	24.4	27.2	29.8	30.1	28.1	20.3
65°	11.0	12.7	15.1	17.6	20.8	25.1	31.4	35.2	37.7	38.7	31.9
62.5°	8.8	10.0	11.6	13.8	16.5	20.8	28.8	35.6	41.3	42.5	35.9
60°	7.5	8.6	9.6	10.8	12.3	16.1	23.5	32.1	42.0	41.0	36.7
57.5°	6.6	7.3	8.5	9.4	10.1	12.8	18.0	25.1	34.2	35.2	33.7
55°	6.9	7.2	8.0	9.0	10.2	11.3	13.4	17.8	24.2	26.2	26.7
52.5°	8.4	8.1	8.0	8.2	9.3	10.5	11.4	13.8	15.9	18.7	20.3
50°	8.6	8.8	8.8	8.5	9.4	10.2	11.2	11.9	13.1	14.5	15.5
47.5°	11.8	11.7	10.5	10.1	12.0	11.4	12.0	12.7	13.4	13.0	13.8
45°	25.4	24.9	17.2	17.8	19.3	19.4	15.8	16.9	16.3	15.3	13.6
42.5°	80.0	60.4	52.9	39.1	31.3	31.2	29.4	27.0	24.5	20.3	19.4
40°	134.3	107.3	88.4	72.4	56.4	46.2	48.6	41.4	37.0	31.5	31.3
37.5°	143.4	100.9	117.2	111.0	88.8	84.0	84.0	69.9	51.5	62.3	61.4
35°	175.9	167.8	182.4	177.8	143.4	168.9	153.5	120.1	101.2	112.5	105.6
32.5°	355.7	361.1	341.7	316.3	307.9	304.1	275.6	212.3	201.8	193.9	170.5
30°	679.2	653.3	602.0	570.4	560.9	499.6	440.6	445.1	384.5	297.8	254.5
27.5°	1239.8	1047.4	970.5	1009.0	912.1	789.0	774.5	785.8	634.0	480.4	367.0
25°	2009.7	1730.1	1659.9	1636.1	1457.4	1284.1	1243.9	1192.7	1018.2	721.5	507.1
22.5°	2971.7	2700.0	2535.0	2438.6	2203.7	2012.8	1839.6	1651.0	1474.2	1080.1	752.2
20°	4018.3	3687.6	3425.2	3226.5	3020.1	2763.5	2503.3	2178.4	1901.1	1526.6	1049.4
17.5°	6010.7	4698.2	4191.9	3942.5	3742.6	3497.4	3071.1	2650.4	2323.8	1994.6	1377.5
15°	8736.7	6066.2	4945.4	4555.6	4305.2	3910.7	3512.8	3064.7	2738.9	2417.7	1748.7
12.5°	14592.0	7797.7	5613.6	4893.2	4524.6	4193.3	3862.8	3457.2	3066.2	2643.8	2013.5
10°	20059.5	10537.6	6560.4	5227.0	4702.3	4382.6	4051.9	3582.4	3139.5	2763.6	2238.5
7.5°	26500.1	13811.6	7525.4	5489.0	4849.1	4453.7	4050.6	3569.8	3176.2	2845.0	2424.1
5°	30497.8	16045.9	8129.1	5672.6	4950.4	4536.2	4048.4	3503.8	3181.9	2894.4	2570.8
2.5°	32715.5	17244.8	8408.8	5793.6	5015.8	4624.5	4087.6	3472.1	3181.6	2904.2	2615.9
0°	32973.4	17492.1	8375.4	5805.7	5054.2	4703.2	4180.0	3484.8	3174.6	2896.9	2625.9
-2.5°	32371.0	16981.9	8263.8	5756.7	5032.5	4691.9	4332.9	3621.9	3251.5	2929.6	2614.3
-5°	29159.1	15193.2	7715.7	5483.6	4832.1	4530.8	4240.9	3644.6	3252.9	2926.2	2567.7
-7.5°	23852.5	12537.9	6925.6	5139.4	4577.5	4298.4	4004.6	3529.5	3118.9	2811.2	2418.6
-10°	17068.5	9196.1	5917.6	4765.0	4315.5	4052.7	3789.3	3370.7	2972.3	2684.0	2241.6
-12.5°	12417.6	6820.5	4989.4	4348.4	4047.1	3844.8	3623.5	3189.4	2815.0	2546.2	2040.5
-15°	7737.5	5521.5	4564.8	4088.3	3798.5	3649.6	3477.6	3091.1	2785.1	2443.6	1818.6
-17.5°	5936.5	4663.5	4204.2	3904.3	3683.4	3507.6	3342.6	3069.7	2772.8	2358.8	1622.6
-20°	4854.2	4406.9	4054.0	3799.4	3626.6	3475.5	3273.6	3061.2	2729.2	2133.3	1432.7



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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°	4566.0	4324.6	4046.0	3784.6	3584.1	3411.7	3219.1	3004.2	2656.7	1835.4	1224.7
-25°	4447.2	4324.7	4114.1	3889.5	3597.7	3342.6	3152.7	2870.4	2292.0	1541.1	1032.8
-27.5°	4488.4	4389.7	4259.0	4017.3	3702.3	3327.7	3026.9	2663.8	1875.7	1292.1	1021.2
-30°	4645.0	4516.4	4356.7	4146.3	3780.0	3375.5	2914.4	2184.7	1541.6	1088.9	1012.8
-32.5°	4752.6	4554.3	4365.9	4149.7	3812.5	3362.6	2514.9	1730.8	1211.8	1077.5	1012.6
-35°	4668.8	4430.6	4185.0	3970.4	3777.3	2836.8	1975.4	1368.1	1136.1	1066.5	1010.4
-37.5°	4416.1	4123.8	3872.3	3584.4	2886.8	2124.0	1479.8	1216.6	1128.1	1058.1	974.1
-40°	4004.5	3715.5	3175.5	2587.0	2033.0	1471.9	1297.0	1212.8	1132.2	1025.9	919.9
-42.5°	3199.3	2707.9	2243.4	1790.6	1419.3	1362.0	1295.0	1219.6	1116.2	982.4	858.7
-45°	2212.2	1853.7	1512.0	1462.6	1408.8	1355.4	1303.3	1193.5	1063.8	926.3	795.8
-47.5°	1601.1	1554.2	1506.3	1457.4	1405.8	1341.8	1241.3	1130.6	989.3	858.0	743.6
-50°	1591.7	1540.7	1493.3	1437.2	1341.8	1246.5	1142.9	1031.2	903.7	788.7	681.1
-52.5°	1556.0	1475.8	1395.6	1314.0	1223.3	1124.2	1022.2	922.8	815.7	708.6	607.6
-55°	1407.1	1327.4	1248.3	1168.6	1088.9	998.6	906.8	812.5	716.5	618.8	531.1
-57.5°	1227.5	1155.1	1087.6	1020.0	952.8	867.9	778.7	692.3	611.4	528.1	451.2
-60°	1042.8	981.4	920.5	857.1	791.9	719.2	642.9	569.9	501.0	439.0	377.2
-62.5°	846.1	790.0	738.0	684.1	627.3	566.7	507.7	456.8	406.0	352.8	294.5
-65°	651.5	605.3	559.6	519.7	480.3	441.5	397.4	350.0	301.5	253.9	205.8
-67.5°	474.3	441.2	410.0	379.4	345.9	310.3	269.9	229.3	196.9	166.4	133.0
-70°	308.0	281.8	255.5	228.8	206.3	186.0	163.2	138.7	113.0	94.9	79.7
-72.5°	169.4	154.7	139.8	124.9	108.7	98.4	88.7	77.7	66.0	53.5	44.5
-75°	83.9	78.1	72.0	66.1	59.3	51.8	47.7	44.8	42.0	39.2	36.4
-77.5°	46.3	45.0	43.7	42.3	40.7	38.9	36.8	34.8	33.1	31.5	29.9
-80°	35.2	34.5	33.6	32.4	31.1	29.7	28.3	27.2	26.1	25.2	24.3
-82.5°	26.7	26.0	25.3	24.6	24.0	23.4	22.7	22.1	21.3	20.4	19.5
-85°	19.9	19.7	19.4	19.2	19.0	18.8	18.5	18.0	17.5	17.1	16.7
-87.5°	16.0	15.6	15.1	15.1	15.1	15.0	15.0	14.9	14.7	14.5	14.3
-90°	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.5	11.1	10.6	10.2	10.2	10.2	10.2	10.2	9.8	9.4	8.9
87.5°	2.0	2.2	2.5	2.7	2.8	3.0	3.2	3.4	3.6	3.7	3.8
85°	2.1	2.6	3.0	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2
82.5°	2.2	2.6	3.0	3.4	3.7	3.8	3.9	3.9	4.0	4.3	4.6
80°	3.0	3.1	3.2	3.5	3.9	4.3	4.5	4.6	4.5	4.6	4.8
77.5°	4.0	3.7	3.4	3.5	3.9	4.4	4.8	5.1	5.0	4.9	4.9
75°	5.1	4.8	4.5	4.2	4.2	4.4	4.8	5.1	5.1	5.1	5.0
72.5°	5.1	5.1	5.1	5.1	4.8	4.7	4.9	5.1	5.1	5.1	5.1
70°	7.9	5.6	5.1	5.1	5.1	5.1	5.0	5.2	5.1	5.1	5.1
67.5°	12.9	9.1	6.5	5.3	5.1	5.1	5.1	5.3	5.4	5.1	5.1
65°	22.6	14.6	8.3	6.9	5.7	5.1	5.1	5.5	5.6	5.5	5.1
62.5°	29.3	22.0	14.5	9.4	6.9	5.8	5.1	5.5	5.9	5.9	5.4
60°	32.4	25.6	20.1	14.5	9.5	6.7	5.8	5.6	6.0	6.3	5.9
57.5°	30.0	27.4	23.4	18.6	13.4	8.7	6.6	6.1	6.1	6.4	6.3
55°	25.6	24.0	25.0	21.6	16.6	11.5	8.0	6.8	6.3	6.5	6.8
52.5°	20.1	21.6	23.8	23.4	19.2	14.1	10.4	7.5	6.9	6.6	7.0
50°	16.1	19.3	22.8	23.9	21.4	16.8	12.5	9.2	7.5	6.8	7.0
47.5°	14.8	18.0	21.1	24.4	23.1	19.4	14.8	10.8	8.2	7.4	7.1
45°	16.4	17.7	20.2	23.1	25.1	21.4	17.0	12.2	9.4	8.0	7.2
42.5°	20.0	20.3	20.4	22.0	24.8	23.2	19.2	14.1	10.4	8.6	7.6
40°	28.8	25.7	22.4	24.2	24.7	24.8	20.8	16.0	11.3	9.4	8.2
37.5°	40.1	34.8	28.7	30.3	26.9	25.5	22.2	17.7	12.7	10.4	8.8
35°	77.5	47.5	48.8	45.0	35.4	26.8	23.6	19.2	14.7	11.3	9.4
32.5°	125.9	91.4	90.0	69.5	46.8	28.7	25.0	21.3	16.8	12.2	10.0
30°	206.5	190.1	149.7	100.3	64.6	39.4	27.7	23.6	18.9	13.1	10.7
27.5°	333.7	307.5	231.2	155.4	94.2	53.3	32.6	26.0	21.1	14.3	11.4
25°	462.2	428.9	344.2	228.4	128.0	82.7	38.6	28.6	23.1	16.0	12.1
22.5°	590.7	547.2	469.6	312.5	179.0	120.6	54.0	33.3	25.1	17.7	12.8
20°	713.4	664.7	595.5	382.7	241.2	165.6	81.7	38.5	27.2	19.4	13.4
17.5°	856.1	754.1	650.0	456.8	302.9	210.8	113.7	44.2	29.3	20.9	14.0
15°	1075.4	807.7	699.4	522.7	356.4	255.8	148.9	50.3	31.4	22.5	14.6
12.5°	1274.7	857.7	748.1	580.5	402.4	300.1	186.2	56.5	33.4	23.7	15.1
10°	1461.1	904.0	795.3	630.5	441.6	343.3	224.3	62.8	35.9	24.8	15.6
7.5°	1630.0	946.5	840.2	672.8	472.2	371.5	250.0	69.1	38.6	25.6	16.0
5°	1763.1	980.1	877.0	702.9	483.9	382.2	270.3	75.1	41.2	26.4	16.4
2.5°	1807.1	1001.5	906.5	726.3	493.0	389.4	286.5	80.5	43.7	26.9	16.7
0°	1816.5	1019.0	930.4	743.0	499.3	393.6	298.2	85.2	46.0	27.3	17.0
-2.5°	1807.6	1021.0	931.4	757.2	518.9	405.7	308.8	106.2	60.6	35.6	21.0
-5°	1766.4	1019.7	927.8	764.5	534.9	415.4	315.2	126.0	74.5	43.5	24.8
-7.5°	1657.2	1005.9	915.0	763.6	546.8	422.8	318.3	144.4	87.5	50.8	28.4
-10°	1516.3	982.7	891.1	747.4	554.6	431.8	319.3	161.0	99.2	57.4	31.6
-12.5°	1356.9	956.3	867.3	729.1	559.6	442.2	322.2	175.1	109.3	63.1	34.4
-15°	1182.8	926.8	845.2	710.2	562.1	450.2	322.1	186.5	117.8	68.6	36.5
-17.5°	1003.7	894.2	826.1	692.2	562.3	455.8	319.1	195.2	125.0	74.1	39.1
-20°	969.6	880.4	808.4	676.1	560.6	459.0	313.6	200.9	130.5	78.3	41.6



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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°	961.4	884.9	794.4	668.0	558.7	459.9	305.7	203.2	134.5	80.9	43.0
-25°	952.7	890.2	779.6	658.5	556.4	446.5	301.4	202.1	136.8	81.9	43.4
-27.5°	953.5	888.8	760.6	642.7	543.7	430.9	299.1	203.7	137.5	81.3	42.7
-30°	959.8	863.8	738.3	622.1	526.5	405.2	292.1	203.2	136.5	80.0	40.7
-32.5°	953.3	834.5	709.1	599.7	498.2	378.3	277.5	200.4	133.1	77.7	39.4
-35°	911.1	794.9	673.2	572.0	465.8	357.1	262.0	195.4	127.2	73.5	37.9
-37.5°	864.3	747.2	637.8	537.9	432.6	333.3	249.8	183.4	118.9	67.5	35.6
-40°	809.4	699.9	598.8	501.0	402.3	306.8	234.4	168.4	109.8	59.7	32.3
-42.5°	752.1	654.3	557.1	463.4	370.6	286.3	215.9	151.1	97.3	53.5	28.2
-45°	699.6	605.0	511.5	423.4	337.5	262.4	193.9	131.9	82.9	47.7	25.0
-47.5°	642.8	550.7	463.6	380.4	306.4	234.9	169.1	113.9	67.2	40.7	24.0
-50°	579.3	494.2	413.6	339.5	270.8	204.0	143.0	93.9	57.5	32.4	22.8
-52.5°	516.5	436.7	364.6	297.4	231.9	170.1	118.3	73.3	47.0	28.4	21.4
-55°	450.3	380.5	315.6	251.1	189.8	138.2	91.6	60.1	35.6	26.3	19.9
-57.5°	385.6	323.8	260.9	200.9	149.6	105.1	71.0	46.0	30.8	24.0	19.4
-60°	317.4	258.1	201.6	153.4	110.0	77.2	53.8	34.8	27.9	21.9	18.7
-62.5°	239.4	189.9	147.8	106.6	77.9	56.1	38.1	31.1	24.7	21.0	18.0
-65°	167.3	129.7	94.9	73.7	53.5	38.7	33.4	27.2	23.0	20.0	17.2
-67.5°	100.3	82.1	63.9	45.7	38.0	33.3	28.4	24.8	21.7	18.9	16.4
-70°	64.0	48.2	40.6	36.4	32.1	28.1	25.7	23.1	20.3	17.7	15.4
-72.5°	41.0	37.4	33.7	30.1	27.7	25.5	23.5	21.3	18.8	16.5	14.5
-75°	33.2	30.8	28.6	26.5	24.6	22.8	21.2	19.3	17.2	15.2	13.5
-77.5°	27.9	26.1	24.4	23.0	21.7	20.3	18.9	17.3	15.6	14.1	12.6
-80°	23.1	22.1	21.1	20.1	18.9	17.8	16.8	15.8	14.4	13.0	11.6
-82.5°	18.9	18.4	17.9	17.2	16.4	15.7	15.0	14.4	13.2	11.9	10.8
-85°	16.2	15.6	15.0	14.3	13.9	13.6	13.3	13.0	12.0	11.1	10.2
-87.5°	13.8	13.2	12.7	12.1	12.0	11.9	11.8	11.6	10.9	10.2	9.6
-90°	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4	3.4	3.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.1	7.7	7.2	6.8	6.0	5.1
87.5°	3.8	4.1	4.4	4.7	5.1	5.1	5.1
85°	4.3	4.4	4.5	4.8	5.1	5.2	5.1
82.5°	4.7	4.7	4.7	4.8	5.1	5.2	5.1
80°	5.1	4.9	4.8	4.9	5.1	5.2	5.1
77.5°	5.1	5.1	5.0	5.0	5.1	5.3	5.1
75°	5.1	5.2	5.1	5.0	5.1	5.3	5.1
72.5°	5.2	5.4	5.3	5.1	5.1	5.4	5.1
70°	5.2	5.5	5.4	5.1	5.2	5.4	5.1
67.5°	5.3	5.6	5.6	5.3	5.2	5.4	5.1
65°	5.3	5.7	5.8	5.5	5.2	5.5	5.1
62.5°	5.4	5.8	6.0	5.6	5.3	5.5	5.1
60°	5.4	5.8	6.2	5.8	5.3	5.6	5.1
57.5°	5.8	5.8	6.2	6.0	5.5	5.6	5.1
55°	6.3	5.9	6.3	6.2	5.6	5.7	5.1
52.5°	6.7	6.0	6.3	6.4	5.7	5.7	5.1
50°	7.1	6.3	6.3	6.6	5.9	5.8	5.1
47.5°	7.5	6.7	6.4	6.7	6.0	5.8	5.1
45°	7.5	7.0	6.4	6.7	6.1	5.9	5.1
42.5°	7.6	7.3	6.5	6.8	6.2	5.9	5.1
40°	7.7	7.7	6.6	6.8	6.3	6.0	5.1
37.5°	7.8	8.0	6.9	6.9	6.4	6.0	5.1
35°	7.9	8.1	7.1	6.9	6.4	6.1	5.1
32.5°	8.1	8.2	7.4	7.0	6.5	6.1	5.1
30°	8.6	8.3	7.6	7.1	6.6	6.2	5.1
27.5°	9.1	8.4	7.8	7.1	6.6	6.3	5.1
25°	9.6	8.4	8.0	7.2	6.7	6.3	5.1
22.5°	10.1	8.5	8.1	7.4	6.7	6.4	5.1
20°	10.6	8.7	8.2	7.5	6.7	6.4	5.1
17.5°	11.1	8.8	8.3	7.6	6.8	6.5	5.1
15°	11.5	9.0	8.4	7.7	6.8	6.5	5.1
12.5°	12.0	9.2	8.4	7.9	6.8	6.6	5.1
10°	12.4	9.4	8.5	8.0	6.8	6.6	5.1
7.5°	12.7	9.6	8.5	8.1	6.8	6.7	5.1
5°	13.1	9.8	8.5	8.3	6.8	6.7	5.1
2.5°	13.4	10.0	8.5	8.4	6.8	6.8	5.1
0°	13.6	10.2	8.5	8.5	6.8	6.8	5.1
-2.5°	15.0	10.8	8.8	8.6	6.9	6.8	5.1
-5°	16.2	11.3	9.1	8.7	6.9	6.9	5.1
-7.5°	17.4	11.8	9.4	8.8	7.0	6.9	5.1
-10°	18.5	12.3	9.7	8.9	7.1	6.9	5.1
-12.5°	19.4	12.7	9.9	8.9	7.2	6.9	5.1
-15°	20.2	13.1	10.2	9.0	7.2	7.0	5.1
-17.5°	20.8	13.4	10.4	9.0	7.3	7.0	5.1
-20°	21.4	13.7	10.6	9.1	7.4	7.0	5.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.2	13.9	10.7	9.1	7.5	7.0	5.1
-25°	22.6	14.1	10.9	9.1	7.5	7.0	5.1
-27.5°	22.4	14.3	10.9	9.1	7.6	7.0	5.1
-30°	21.7	14.3	11.0	9.1	7.7	7.0	5.1
-32.5°	20.4	14.3	11.1	9.1	7.7	7.0	5.1
-35°	19.9	14.2	11.2	9.0	7.8	7.0	5.1
-37.5°	19.7	14.1	11.3	9.0	7.8	7.0	5.1
-40°	19.3	14.1	11.3	8.9	7.9	6.9	5.1
-42.5°	18.8	14.1	11.3	8.9	8.0	6.9	5.1
-45°	18.2	14.1	11.3	8.9	8.0	6.9	5.1
-47.5°	17.3	14.0	11.2	8.8	8.1	6.9	5.1
-50°	17.0	13.8	11.1	8.9	8.1	6.8	5.1
-52.5°	16.8	13.7	11.0	8.9	8.1	6.8	5.1
-55°	16.4	13.4	10.8	9.0	8.2	6.8	5.1
-57.5°	16.1	13.1	10.6	9.0	8.2	6.7	5.1
-60°	15.6	12.8	10.4	9.0	8.3	6.7	5.1
-62.5°	15.1	12.4	10.3	9.0	8.2	6.6	5.1
-65°	14.5	12.0	10.1	9.0	8.1	6.6	5.1
-67.5°	13.9	11.6	10.0	8.9	8.0	6.5	5.1
-70°	13.3	11.3	9.8	8.9	7.9	6.5	5.1
-72.5°	12.6	10.8	9.6	8.7	7.7	6.4	5.1
-75°	11.9	10.4	9.3	8.5	7.6	6.4	5.1
-77.5°	11.1	9.9	9.1	8.3	7.5	6.3	5.1
-80°	10.3	9.5	8.8	8.1	7.4	6.2	5.1
-82.5°	9.8	9.2	8.5	7.9	7.2	6.2	5.1
-85°	9.4	8.8	8.2	7.7	7.1	6.1	5.1
-87.5°	8.9	8.4	7.9	7.4	6.9	6.0	5.1
-90°	3.4	3.8	4.3	4.7	5.1	5.1	5.1

(END OF REPORT)