

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: P1305629 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

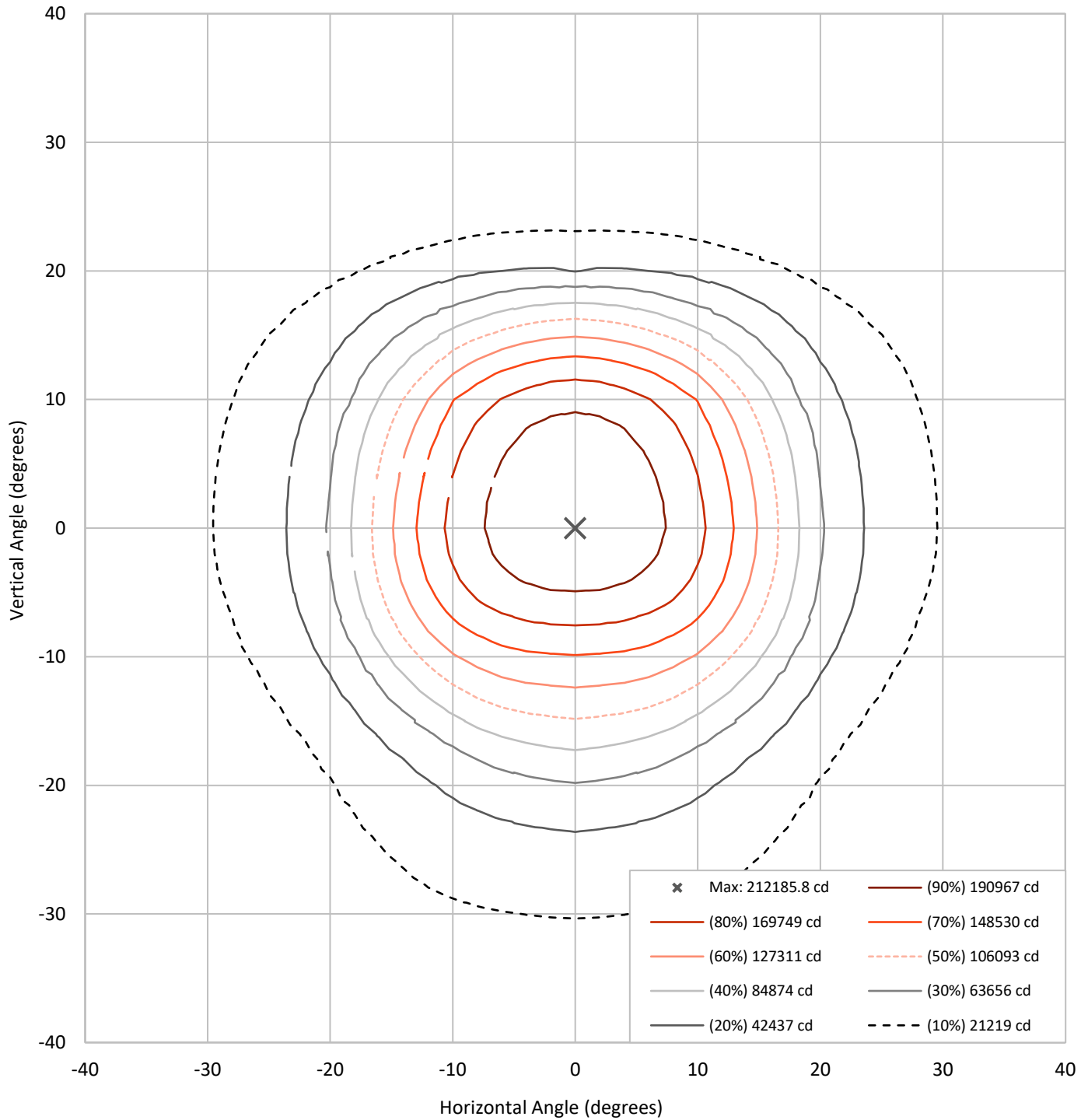
Test Method: LM-79-08
Report Number: P1305629 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 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:	72296.1 lumens	Max Intensity:	212185.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.6 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:	39512.6 lumens	Field Lumens:	63667.7 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





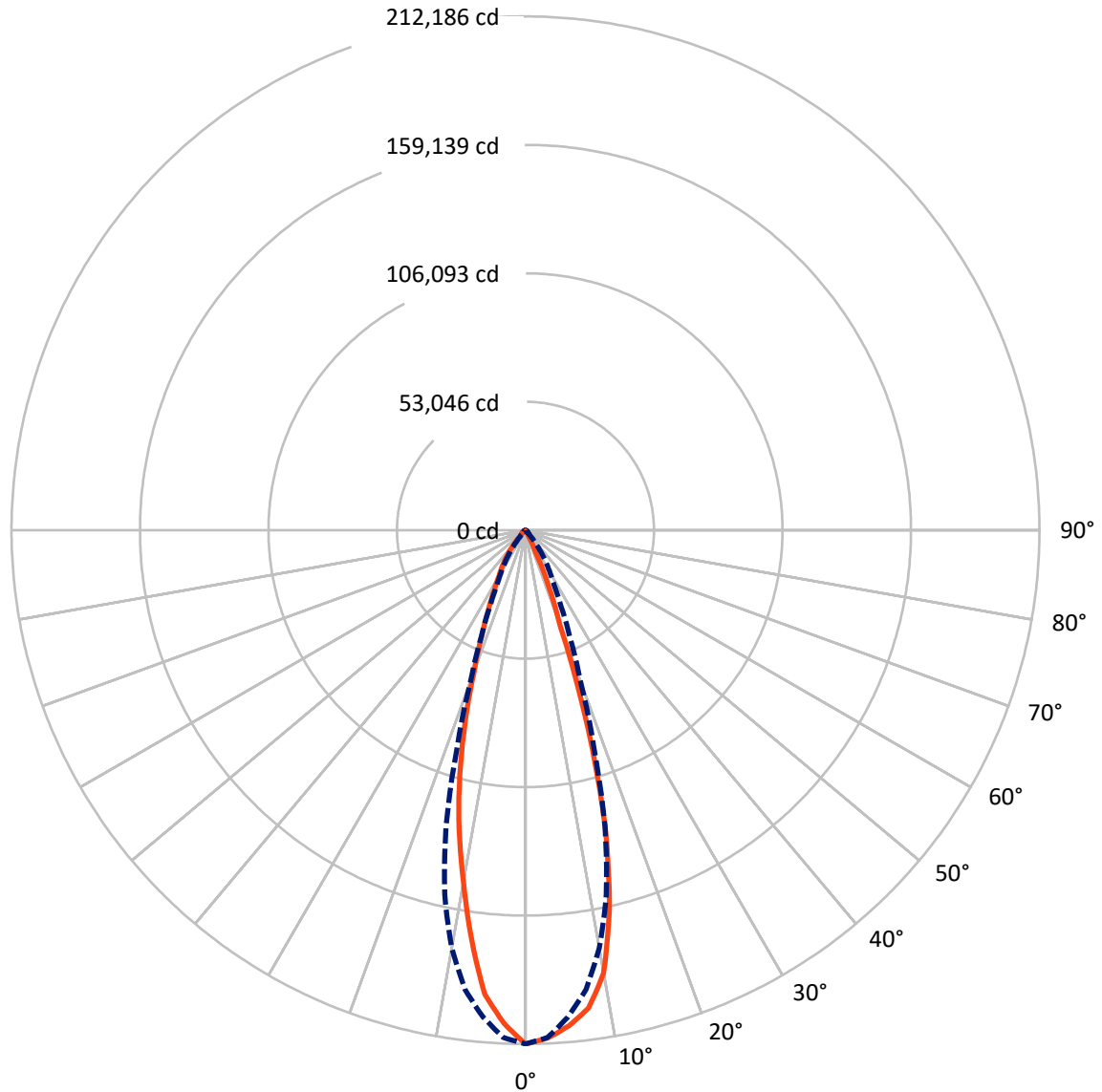
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Lumen Table

90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1										
80	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1										
70	0.1	0.0	0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1	0.0	0.1			
60		0.1	0.2	0.7	0.7	0.3	0.2	0.3	0.3	0.2	0.3	0.7	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.8	2.1	3.9	6.8	10.3	12.8	12.8	10.3	6.8	3.9	2.1	0.8	0.2				
30	0.1	0.4	3.5	10.9	42.9	134.0	268.3	435.6	435.6	268.3	134.0	42.9	10.9	3.5	0.4	0.1			
20		1.1	8.0	26.2	177.3	605.8	1807.9	3370.5	3370.5	1807.9	605.8	177.3	26.2	8.0	1.1				
10	0.2	1.8	11.0	37.4	276.3	984.2	3375.1	5780.8	5780.8	3375.1	984.2	276.3	37.4	11.0	1.8	0.2			
0		2.3	11.8	38.5	272.8	949.4	3266.8	5381.0	5381.0	3266.8	949.4	272.8	38.5	11.8	2.3				
-10	0.4	2.7	11.3	29.7	162.2	536.4	1648.6	2938.6	2938.6	1648.6	536.4	162.2	29.7	11.3	2.7	0.4			
-20		2.8	10.8	22.9	76.4	290.8	669.9	1068.7	1068.7	669.9	290.8	76.4	22.9	10.8	2.8				
-30	0.4	2.3	9.7	19.5	37.7	108.0	270.5	410.9	410.9	270.5	108.0	37.7	19.5	9.7	2.3	0.4			
-40		1.5	7.1	16.7	28.2	43.0	65.4	88.8	88.8	65.4	43.0	28.2	16.7	7.1	1.5				
-50	0.2	0.8	3.7	10.9	21.2	30.5	39.2	44.9	44.9	39.2	30.5	21.2	10.9	3.7	0.8	0.2			
-60		0.3	1.3	3.9	8.5	14.2	20.0	23.2	23.2	20.0	14.2	8.5	3.9	1.3	0.3				
-70	0.1	0.7	2.7	6.8	9.0	6.8	2.7	0.7	0.1							0.1			
-80		0.1	0.7	2.7	6.8	9.0	6.8	2.7	0.7	0.1									
-90	0.1	0.7	2.7	6.8	9.0	6.8	2.7	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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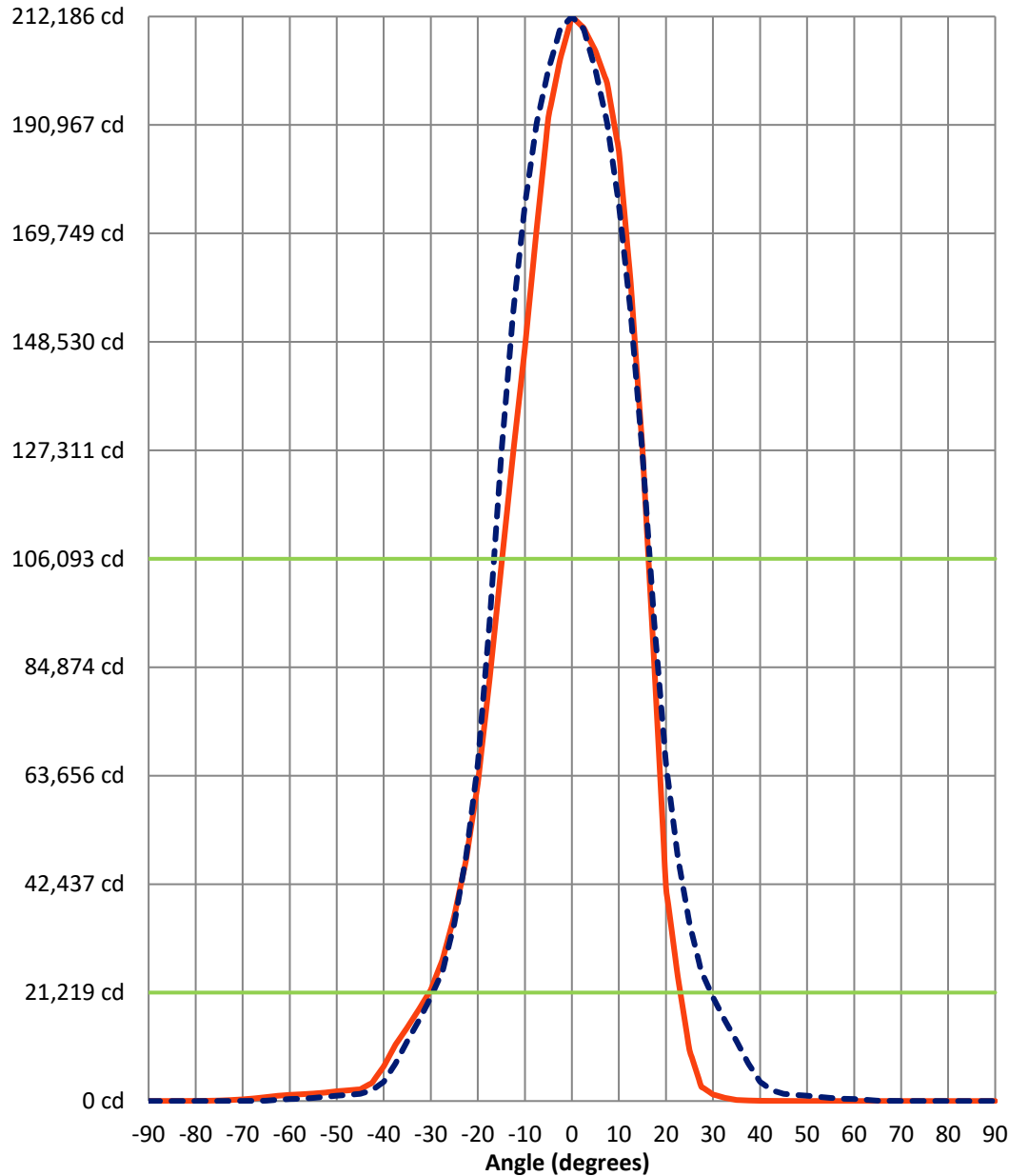
Luminous Intensity Polar Plot



— 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: 39512.6
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 63667.7
 Efficiency: 88.1%

Spill:
 Lumens: 8628.4
 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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	3.7	2.8	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8
85°	3.7	2.8	2.1	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8
82.5°	3.7	2.9	2.3	2.4	2.3	2.1	1.8	1.8	1.8	1.9	1.8
80°	3.7	2.9	2.5	2.6	2.5	2.2	1.9	2.1	2.2	2.1	1.8
77.5°	3.7	3.0	2.6	2.7	2.7	2.4	2.4	2.5	2.5	2.3	2.1
75°	3.7	3.0	2.8	2.9	2.8	2.7	2.9	3.0	2.9	2.8	2.8
72.5°	3.7	3.1	3.0	3.1	3.0	3.0	3.3	3.4	3.2	3.3	3.6
70°	3.7	3.1	3.1	3.3	3.2	3.3	3.7	3.5	3.5	3.7	3.7
67.5°	3.7	3.2	3.3	3.4	3.3	3.6	3.7	3.6	3.7	3.7	3.7
65°	3.7	3.2	3.4	3.4	3.5	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	3.7	3.2	3.6	3.5	3.6	3.7	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.3	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.3	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
55°	3.7	3.4	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
52.5°	3.7	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
50°	3.7	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.8
47.5°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	6.0
45°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.7	7.1
42.5°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.8	3.9	5.7	8.6
40°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.9	4.3	6.7	10.2
37.5°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	4.1	5.2	7.8	11.8
35°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	4.3	6.1	9.3	13.2
32.5°	3.7	3.6	3.7	3.7	3.7	3.7	3.8	4.5	7.0	10.7	14.5
30°	3.7	3.6	3.7	3.7	3.7	3.7	3.9	4.9	7.8	12.0	16.1
27.5°	3.7	3.7	3.7	3.7	3.7	3.7	4.1	5.6	8.7	13.2	18.0
25°	3.7	3.7	3.7	3.7	3.7	3.7	4.4	6.2	9.7	14.6	20.2
22.5°	3.7	3.7	3.7	3.7	3.7	3.7	4.6	6.8	10.7	16.2	24.5
20°	3.7	3.7	3.7	3.7	3.7	3.9	4.8	7.4	11.5	17.9	29.2
17.5°	3.7	3.7	3.7	3.7	3.7	4.0	5.1	7.9	12.3	19.6	34.1
15°	3.7	3.7	3.7	3.7	3.7	4.2	5.5	8.5	13.1	21.4	39.2
12.5°	3.7	3.7	3.7	3.7	3.7	4.4	5.8	9.3	14.3	23.1	44.4
10°	3.7	3.7	3.7	3.7	3.7	4.6	6.2	10.1	15.9	26.2	49.8
7.5°	3.7	3.7	3.7	3.7	3.7	4.9	6.5	10.8	17.5	29.5	55.5
5°	3.7	3.7	3.7	3.7	3.7	5.1	6.8	11.5	19.1	32.7	60.7
2.5°	3.7	3.7	3.7	3.7	3.7	5.3	7.0	12.2	20.6	35.7	65.4
0°	3.7	3.7	3.7	3.7	3.7	5.5	7.3	12.8	22.0	38.5	69.6
-2.5°	3.7	3.7	3.7	3.7	3.9	6.1	9.0	16.2	29.6	52.0	89.7
-5°	3.7	3.7	3.7	3.7	4.0	6.7	10.7	19.5	36.8	64.8	108.9
-7.5°	3.7	3.7	3.7	3.7	4.2	7.2	12.2	22.6	43.5	76.8	126.7
-10°	3.7	3.7	3.7	3.7	4.3	7.7	13.6	25.4	49.4	87.6	142.7
-12.5°	3.7	3.7	3.7	3.7	4.4	8.1	14.9	27.8	54.5	96.8	156.9
-15°	3.7	3.7	3.7	3.7	4.5	8.4	15.9	29.9	58.7	104.0	168.6
-17.5°	3.7	3.7	3.7	3.7	4.6	8.6	16.7	31.9	61.8	109.3	177.2
-20°	3.7	3.7	3.7	3.7	4.6	8.7	17.4	33.6	63.8	112.6	182.5



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 CATALOG NUMBER: EPH-08-640L-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.7	3.7	3.7	3.7	4.7	8.8	18.1	34.7	64.5	113.8	184.1
-25°	3.7	3.7	3.7	3.7	4.7	8.8	18.4	35.2	63.9	112.7	181.8
-27.5°	3.7	3.7	3.7	3.7	4.6	8.8	18.3	35.0	61.7	110.3	180.2
-30°	3.7	3.7	3.7	3.7	4.6	8.6	17.8	34.1	60.3	107.6	175.6
-32.5°	3.7	3.7	3.7	3.7	4.6	8.3	16.9	33.3	59.2	103.0	167.6
-35°	3.7	3.7	3.7	3.7	4.7	7.8	16.2	32.2	57.0	96.3	156.4
-37.5°	3.7	3.7	3.7	3.7	4.7	7.4	15.6	30.5	53.7	87.5	142.5
-40°	3.7	3.7	3.7	3.7	4.6	7.3	14.7	28.1	49.4	81.2	128.6
-42.5°	3.7	3.7	3.7	3.7	4.6	7.3	13.5	25.2	45.5	74.1	112.5
-45°	3.7	3.7	3.7	3.8	4.7	7.2	12.0	22.4	41.3	65.9	95.8
-47.5°	3.7	3.7	3.7	3.8	4.8	7.0	10.3	20.3	36.3	56.9	85.6
-50°	3.7	3.7	3.7	3.8	4.7	6.8	9.8	17.9	30.0	49.6	74.4
-52.5°	3.7	3.7	3.7	3.8	4.7	6.5	9.5	15.1	25.4	41.4	62.6
-55°	3.7	3.7	3.7	3.8	4.6	6.3	9.1	12.3	21.6	32.4	52.1
-57.5°	3.7	3.7	3.7	3.8	4.5	6.1	8.6	11.7	17.5	26.7	40.7
-60°	3.7	3.7	3.7	3.8	4.4	5.8	8.1	11.0	13.9	21.8	30.7
-62.5°	3.7	3.7	3.7	3.8	4.3	5.5	7.5	10.1	12.9	16.8	25.0
-65°	3.7	3.7	3.7	3.8	4.2	5.1	6.9	9.2	11.7	14.6	19.0
-67.5°	3.7	3.7	3.7	3.8	4.1	4.8	6.2	8.3	10.5	13.1	15.9
-70°	3.7	3.7	3.7	3.7	4.0	4.6	5.5	7.4	9.5	11.5	14.0
-72.5°	3.7	3.7	3.7	3.7	3.9	4.3	5.0	6.4	8.4	10.3	12.1
-75°	3.7	3.7	3.7	3.7	3.7	4.1	4.6	5.8	7.2	9.0	10.8
-77.5°	3.7	3.7	3.7	3.7	3.7	3.8	4.2	5.2	6.4	7.8	9.4
-80°	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.5	5.5	6.7	7.9
-82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.1	4.6	5.5	6.4
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.7	5.2
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.2	4.5
-90°	3.7	2.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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 CATALOG NUMBER: EPH-08-640L-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.4	2.5
80°	1.8	1.8	1.9	1.8	2.0	2.3	2.7	3.3	3.6	3.7	3.7
77.5°	2.3	2.3	2.2	1.9	2.1	2.6	3.1	3.6	3.7	3.7	3.7
75°	3.0	2.9	2.4	2.0	2.1	2.6	3.1	3.6	3.7	3.7	3.7
72.5°	3.4	3.0	2.5	2.0	2.4	3.0	3.5	3.7	4.6	5.6	6.3
70°	3.5	3.0	2.8	2.9	3.4	4.1	5.7	7.7	9.6	10.4	11.1
67.5°	3.6	3.4	3.4	3.9	5.1	6.9	9.2	12.1	15.0	16.0	17.1
65°	3.7	3.6	4.1	5.3	7.1	9.9	13.1	16.4	21.4	24.0	25.2
62.5°	3.7	4.0	4.9	6.9	9.9	13.2	17.4	22.9	29.5	33.8	33.6
60°	3.7	4.1	6.1	9.1	12.5	16.5	21.9	29.5	38.9	45.5	41.0
57.5°	3.7	4.9	7.9	11.2	14.9	19.3	26.8	36.1	44.8	53.8	46.1
55°	4.2	6.3	9.5	13.1	17.4	22.7	30.1	37.4	46.8	50.2	42.0
52.5°	5.6	7.6	10.9	15.1	20.3	24.6	28.6	35.1	38.7	40.3	34.6
50°	7.0	9.2	12.2	17.3	21.9	24.3	24.8	28.9	30.5	29.1	26.4
47.5°	8.5	10.9	14.0	19.0	22.1	23.2	22.3	23.1	22.9	22.6	19.1
45°	10.1	12.9	16.1	19.6	21.9	21.6	21.2	18.6	21.1	20.4	18.8
42.5°	11.8	14.8	18.1	20.4	20.9	22.1	21.8	22.7	22.7	23.8	25.7
40°	13.4	16.6	20.3	21.9	21.3	24.7	29.6	32.1	28.9	34.9	40.0
37.5°	14.8	18.9	23.6	27.3	25.2	32.6	40.7	53.6	55.5	51.5	65.8
35°	16.1	21.4	31.3	40.0	42.2	45.7	68.2	88.8	101.5	94.1	105.0
32.5°	18.0	24.3	41.8	60.7	75.8	80.1	103.8	147.0	172.1	176.4	169.3
30°	21.1	34.1	57.6	87.0	120.7	150.9	171.7	221.0	262.1	307.0	333.6
27.5°	25.9	46.8	82.8	128.5	179.3	235.6	282.5	320.5	395.8	472.1	537.7
25°	31.4	72.7	111.6	180.3	260.9	338.8	404.0	462.3	561.4	680.5	879.8
22.5°	44.9	106.0	159.8	238.6	351.8	450.3	538.3	628.9	749.9	910.4	1327.2
20°	69.2	147.5	214.7	298.6	445.5	566.6	678.3	792.3	943.8	1279.9	2194.4
17.5°	97.1	190.9	267.6	364.8	515.4	669.4	822.7	948.1	1131.7	1627.8	3149.3
15°	127.8	235.6	315.3	425.3	581.6	749.2	920.4	1100.0	1379.9	2091.3	4055.6
12.5°	160.3	280.7	358.4	480.2	643.8	825.1	998.8	1193.3	1604.1	2794.6	5208.8
10°	193.4	325.7	397.2	529.5	701.4	896.3	1068.8	1271.9	1779.6	3244.8	6014.1
7.5°	214.6	357.5	428.8	573.5	754.2	962.0	1130.7	1336.7	1928.4	3530.5	6576.9
5°	230.6	373.8	439.3	593.2	788.8	1009.9	1178.6	1388.6	2048.3	3670.2	6965.9
2.5°	242.8	386.6	447.8	605.2	809.9	1032.3	1192.9	1408.2	2097.9	3754.6	7235.4
0°	251.1	395.8	454.5	612.1	824.6	1046.4	1200.3	1418.4	2105.6	3778.7	7366.9
-2.5°	264.8	403.1	468.2	624.4	832.4	1050.8	1206.5	1426.4	2136.4	3891.7	7567.6
-5°	274.9	407.3	479.8	632.0	833.5	1047.6	1206.5	1424.5	2118.6	3852.5	7314.3
-7.5°	281.7	409.2	489.0	634.6	822.5	1024.6	1181.9	1383.9	2007.5	3604.7	6626.4
-10°	286.7	415.1	500.6	630.7	798.2	987.3	1147.2	1334.6	1864.2	3256.6	5829.3
-12.5°	294.4	424.9	511.9	625.1	772.7	944.6	1107.0	1277.3	1690.6	2808.3	4928.3
-15°	298.3	432.9	522.4	618.5	747.6	897.1	1061.4	1212.8	1496.0	2267.3	3928.1
-17.5°	298.4	439.6	532.3	611.8	724.5	845.5	1015.8	1166.0	1358.9	1934.7	3230.8
-20°	294.6	445.2	542.0	605.8	705.3	813.5	978.5	1133.0	1302.8	1685.6	2539.0



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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°	287.0	450.0	548.2	610.6	698.3	800.2	936.0	1093.5	1244.6	1419.5	2010.9
-25°	282.0	438.0	549.0	615.5	691.0	786.0	890.0	1047.0	1190.2	1358.6	1732.8
-27.5°	278.7	421.4	538.9	616.7	681.8	772.1	863.5	992.4	1148.5	1305.1	1476.1
-30°	270.1	391.3	525.0	611.0	678.1	759.4	845.5	942.6	1100.7	1252.4	1410.0
-32.5°	252.9	359.7	494.1	592.6	672.0	745.3	827.2	914.7	1039.7	1196.2	1341.0
-35°	233.1	335.2	455.9	569.5	660.1	731.4	806.3	888.8	980.9	1123.1	1284.0
-37.5°	214.5	306.7	416.7	535.5	630.6	716.9	782.2	860.5	946.0	1044.0	1204.8
-40°	192.6	274.3	379.9	491.8	598.4	693.1	766.6	829.3	908.4	1008.2	1107.8
-42.5°	168.1	246.2	340.3	446.9	552.5	653.3	748.6	809.7	879.6	972.6	1068.0
-45°	148.0	214.4	297.8	396.5	498.2	603.4	700.1	795.8	862.6	937.2	1027.8
-47.5°	125.5	181.7	258.0	342.1	439.1	539.1	642.7	742.0	844.1	915.6	986.6
-50°	103.9	153.8	213.8	291.2	375.6	469.9	567.4	676.5	779.3	878.9	961.3
-52.5°	90.2	123.4	177.2	239.6	314.7	396.7	489.8	590.6	696.7	802.4	893.0
-55°	75.5	103.4	140.5	193.8	255.2	327.2	407.1	499.4	595.7	696.9	792.8
-57.5°	61.3	85.5	112.9	150.3	202.2	258.9	328.3	404.3	490.6	580.4	660.5
-60°	47.0	67.5	91.2	118.2	151.2	199.8	249.6	312.4	384.2	456.6	526.5
-62.5°	33.4	50.1	69.9	92.1	118.1	144.5	184.2	230.1	277.8	336.5	394.4
-65°	26.7	34.6	49.2	67.9	87.8	110.5	134.2	158.3	197.2	236.0	273.2
-67.5°	19.7	26.7	34.1	43.9	60.8	77.8	96.2	117.2	138.5	158.2	181.9
-70°	16.7	19.3	24.9	31.6	38.2	46.2	61.0	76.9	93.3	108.9	125.4
-72.5°	14.4	16.7	19.1	21.4	26.6	31.6	36.2	40.4	49.8	62.8	75.4
-75°	12.4	14.2	16.3	18.4	20.1	21.7	23.7	27.7	31.6	35.4	38.9
-77.5°	10.5	11.7	13.3	15.2	16.7	17.7	18.9	20.2	22.0	23.9	25.9
-80°	8.6	9.2	10.1	11.2	12.5	13.7	14.7	15.5	16.5	17.8	19.2
-82.5°	6.9	7.3	7.8	8.2	8.9	9.7	10.6	11.6	12.2	12.9	13.6
-85°	5.4	5.5	5.8	6.0	6.4	6.8	7.3	7.8	8.3	8.8	9.3
-87.5°	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.4	5.8	6.2
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.7	4.2	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.3	7.3
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	2.7	2.6	2.4	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	3.7	3.4	3.2	3.1	3.0	2.8	2.6	2.2	1.8	1.8	1.8
77.5°	3.7	3.7	3.7	3.7	3.7	3.3	2.8	2.4	1.9	1.8	1.8
75°	3.7	3.8	4.1	4.1	3.8	3.5	3.4	3.3	3.3	3.1	2.7
72.5°	6.6	6.5	6.2	6.2	5.9	5.9	5.9	5.7	5.3	5.1	5.2
70°	11.7	12.1	12.1	11.6	10.5	9.4	8.7	7.9	7.1	6.7	6.4
67.5°	18.1	18.2	17.2	15.6	13.0	10.7	9.7	8.7	7.7	7.5	7.9
65°	25.1	22.8	20.0	17.1	13.8	10.9	10.1	9.4	8.9	8.9	9.6
62.5°	30.9	25.0	20.1	16.6	13.6	10.8	10.0	9.2	8.4	7.9	7.8
60°	34.2	25.1	18.1	15.0	12.1	9.6	8.5	7.9	7.5	7.3	7.3
57.5°	34.2	23.7	15.7	12.9	10.4	8.1	7.3	7.3	7.3	7.3	7.3
55°	30.4	20.7	13.4	11.1	9.4	8.0	7.4	7.6	7.6	7.3	7.7
52.5°	23.8	17.1	12.5	10.4	9.7	9.2	9.1	8.9	8.8	8.5	8.8
50°	18.9	14.2	12.1	10.8	10.8	10.8	10.8	11.0	11.3	11.4	11.5
47.5°	15.9	13.4	13.6	12.5	13.0	14.2	14.4	14.6	15.1	15.2	14.8
45°	16.3	18.9	19.4	19.2	18.9	21.6	21.4	19.6	22.0	22.7	22.2
42.5°	27.0	29.2	30.7	32.1	33.7	35.7	36.8	36.2	38.3	38.3	35.8
40°	45.5	43.4	46.8	51.0	54.8	56.2	59.6	63.2	64.5	63.8	61.4
37.5°	74.7	71.4	71.8	81.1	89.7	79.5	94.4	100.4	96.7	110.0	112.6
35°	124.0	137.2	118.3	151.7	168.3	160.1	177.9	213.3	185.9	235.9	248.1
32.5°	220.5	252.1	271.9	300.1	341.5	396.1	409.9	496.9	524.8	565.1	608.5
30°	360.4	449.5	613.4	643.9	683.5	871.6	923.2	970.6	1069.6	1145.9	1275.7
27.5°	654.9	894.9	1237.7	1539.5	1517.4	1835.6	2189.8	1793.2	2381.6	2145.6	2710.1
25°	1226.4	1755.5	2582.1	3381.8	3763.5	4412.0	5223.0	5069.5	6139.6	6213.9	7792.3
22.5°	2332.4	3482.1	4746.0	6105.6	7424.5	8884.0	10286.6	11756.9	13967.5	17021.8	19990.2
20°	3816.2	5506.6	7547.9	9653.0	11885.3	14155.2	16792.5	21258.6	25837.7	32193.9	36684.3
17.5°	5424.0	8114.4	10620.2	13228.3	16349.1	20122.3	25577.5	33208.6	42464.7	51966.3	59316.7
15°	6828.5	9871.9	13483.8	16961.0	20841.6	26505.3	35073.3	46376.5	60141.4	74585.8	92052.6
12.5°	8187.3	11366.3	15291.5	19689.6	24963.0	33069.4	44175.6	59450.7	77686.0	99391.5	121825.4
10°	9241.8	12730.0	17098.7	22051.7	28488.2	38444.4	51350.6	69384.9	96406.8	122029.9	147647.9
7.5°	10065.9	13989.9	18617.5	23815.8	31310.3	42521.0	57962.1	80664.0	109214.9	136938.3	160534.4
5°	10798.4	15025.9	19646.5	24810.0	33341.8	45487.0	62115.0	88041.5	118509.1	145755.9	168209.5
2.5°	11375.3	15703.3	20211.8	25308.1	34649.5	47124.4	64305.0	92000.7	124499.9	151399.7	172839.9
0°	11724.7	15824.1	20306.5	25413.8	34748.9	47866.3	66014.0	93733.2	126636.7	154161.6	175248.8
-2.5°	11599.5	15553.5	19999.2	25103.0	34421.2	47171.0	64639.5	92855.3	124826.0	150578.1	171786.3
-5°	10976.0	14668.3	18796.5	23598.5	32246.9	44529.8	60742.7	86472.5	116523.5	142232.0	162188.9
-7.5°	9992.9	13431.3	17221.3	21666.9	29145.6	40244.8	55019.0	76914.9	104195.4	127916.4	145926.5
-10°	8893.1	11997.1	15280.8	19218.3	25064.2	34485.5	46823.1	63542.2	86939.0	108267.0	125295.9
-12.5°	7571.2	10153.6	12914.0	16309.5	20740.3	28421.0	38793.9	52356.5	68624.3	87603.4	103106.3
-15°	6197.3	8368.3	10653.1	13838.2	17617.1	22509.7	29965.8	40748.0	52823.3	65786.2	79852.3
-17.5°	4976.6	6814.7	9237.2	11919.9	14800.1	18204.7	24369.6	31717.7	40456.6	49702.8	58192.0
-20°	3997.7	5947.2	8123.5	10456.5	13102.9	16376.8	20163.9	25746.6	32227.2	39324.9	46125.5



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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°	3288.6	5036.9	7057.8	9246.2	11923.5	14870.8	17937.9	21441.5	26092.1	31549.1	36773.4
-25°	2504.7	3965.7	5926.1	8133.2	10599.5	13198.6	15688.2	18544.2	21944.2	25494.7	29153.0
-27.5°	1985.4	3016.7	4626.4	6699.0	8981.1	11016.0	13149.0	15527.1	18500.3	21589.4	23624.9
-30°	1620.4	2224.2	3432.6	5051.9	6959.2	8755.0	10506.3	12643.7	14977.7	17194.7	18994.1
-32.5°	1513.8	1783.9	2409.1	3563.2	4995.8	6598.6	8170.8	10078.7	11890.2	13644.7	15191.7
-35°	1438.5	1611.2	1847.1	2449.1	3312.0	4614.6	6051.1	7665.5	9300.5	10717.8	12029.9
-37.5°	1368.3	1518.2	1674.3	1829.7	2315.4	2911.6	3923.2	5200.2	6440.5	7587.4	8716.8
-40°	1268.2	1432.4	1558.5	1691.3	1835.8	2000.0	2529.4	3051.2	3658.3	4537.9	5308.4
-42.5°	1162.0	1298.9	1442.5	1566.8	1687.6	1813.8	1947.2	2079.9	2357.4	2702.5	2985.1
-45°	1117.6	1199.9	1298.6	1428.4	1549.8	1663.2	1771.8	1876.8	1987.7	2088.9	2171.6
-47.5°	1064.5	1139.4	1219.2	1303.9	1393.0	1502.4	1609.8	1716.7	1813.8	1904.0	1975.9
-50°	1015.4	1074.3	1145.6	1217.6	1288.9	1362.3	1436.4	1518.9	1611.6	1703.0	1778.0
-52.5°	975.3	1029.2	1080.2	1131.3	1193.3	1255.5	1317.8	1383.5	1446.8	1506.7	1553.4
-55°	877.9	953.8	1028.5	1076.7	1118.5	1160.9	1208.0	1266.8	1323.0	1376.1	1407.4
-57.5°	745.3	833.2	914.0	970.9	1029.1	1088.1	1136.8	1178.8	1221.2	1261.8	1283.9
-60°	597.8	670.0	743.1	811.0	875.7	936.9	993.6	1048.9	1100.0	1143.0	1169.1
-62.5°	451.8	511.7	571.1	627.8	682.4	735.5	796.0	854.3	909.7	955.0	982.8
-65°	314.5	363.6	409.7	453.9	496.2	541.4	588.4	634.2	678.0	712.9	735.7
-67.5°	213.9	244.2	271.6	297.9	330.0	364.9	399.4	431.5	460.9	483.5	499.5
-70°	142.1	158.3	172.8	189.8	210.8	232.0	253.4	273.1	291.2	304.8	314.9
-72.5°	87.5	98.7	109.1	120.5	131.3	142.4	154.0	165.3	176.3	184.2	190.2
-75°	42.1	47.2	56.5	64.9	72.5	79.6	86.0	91.6	96.5	99.6	101.6
-77.5°	28.7	31.1	33.3	35.6	38.0	40.8	43.7	46.5	49.1	51.2	53.0
-80°	20.7	21.9	23.0	23.9	24.7	25.9	27.2	28.6	29.9	30.4	30.7
-82.5°	14.3	15.3	16.2	17.2	18.1	18.9	19.7	20.5	21.2	21.9	22.5
-85°	9.7	10.1	10.7	11.2	11.8	12.4	13.1	13.7	14.3	14.4	14.5
-87.5°	6.6	6.8	6.9	7.0	7.1	7.6	8.1	8.6	9.1	9.2	9.2
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9
87.5°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.4
75°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.1	3.3	3.3
72.5°	5.3	5.4	4.6	3.7	4.6	5.4	5.3	5.2	5.1	5.3	5.7
70°	6.0	5.6	5.5	5.5	5.5	5.6	6.0	6.4	6.7	7.1	7.9
67.5°	8.4	9.0	9.2	9.2	9.2	9.0	8.4	7.9	7.5	7.7	8.7
65°	10.2	10.8	10.2	9.2	10.2	10.8	10.2	9.6	8.9	8.9	9.4
62.5°	7.6	7.5	7.3	7.3	7.3	7.5	7.6	7.8	7.9	8.4	9.2
60°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.9
57.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
55°	8.3	8.9	9.2	9.2	9.2	8.9	8.3	7.7	7.3	7.6	7.6
52.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.5	8.8	8.9
50°	11.4	11.1	11.0	11.0	11.0	11.1	11.4	11.5	11.4	11.3	11.0
47.5°	14.2	13.3	12.8	12.8	12.8	13.3	14.2	14.8	15.2	15.1	14.6
45°	22.3	22.0	21.8	22.0	21.8	22.0	22.3	22.2	22.7	22.0	19.6
42.5°	37.2	37.8	37.2	34.8	37.2	37.8	37.2	35.8	38.3	38.3	36.2
40°	61.4	59.1	55.9	55.0	55.9	59.1	61.4	61.4	63.8	64.5	63.2
37.5°	114.0	114.0	111.3	110.0	111.3	114.0	114.0	112.6	110.0	96.7	100.4
35°	239.9	238.0	224.9	212.6	224.9	238.0	239.9	248.1	235.9	185.9	213.3
32.5°	623.1	656.2	653.1	634.1	653.1	656.2	623.1	608.5	565.1	524.8	496.9
30°	1325.6	1384.8	1372.4	1293.8	1372.4	1384.8	1325.6	1275.7	1145.9	1069.6	970.6
27.5°	2740.0	2878.5	3000.5	2840.5	3000.5	2878.5	2740.0	2710.1	2145.6	2381.6	1793.2
25°	9372.5	10273.7	10806.9	9978.2	10806.9	10273.7	9372.5	7792.3	6213.9	6139.6	5069.5
22.5°	22368.2	23491.5	24090.8	24433.4	24090.8	23491.5	22368.2	19990.2	17021.8	13967.5	11756.9
20°	41030.9	43432.8	44971.3	41872.0	44971.3	43432.8	41030.9	36684.3	32193.9	25837.7	21258.6
17.5°	69513.5	78371.6	83035.4	85569.2	83035.4	78371.6	69513.5	59316.7	51966.3	42464.7	33208.6
15°	105532.5	116866.3	124519.9	127516.3	124519.9	116866.3	105532.5	92052.6	74585.8	60141.4	46376.5
12.5°	139588.7	151283.6	158345.2	160120.3	158345.2	151283.6	139588.7	121825.4	99391.5	77686.0	59450.7
10°	163812.0	174831.1	182954.5	185806.2	182954.5	174831.1	163812.0	147647.9	122029.9	96406.8	69384.9
7.5°	177297.2	190177.8	197337.4	199119.7	197337.4	190177.8	177297.2	160534.4	136938.3	109214.9	80664.0
5°	185058.2	196696.1	204522.4	205471.3	204522.4	196696.1	185058.2	168209.5	145755.9	118509.1	88041.5
2.5°	190062.2	201443.8	208028.5	209963.9	208028.5	201443.8	190062.2	172839.9	151399.7	124499.9	92000.7
0°	191290.1	201754.9	209710.0	212185.8	209710.0	201754.9	191290.1	175248.8	154161.6	126636.7	93733.2
-2.5°	187572.2	197667.4	202966.5	203825.7	202966.5	197667.4	187572.2	171786.3	150578.1	124826.0	92855.3
-5°	178077.6	185543.8	191661.1	192443.7	191661.1	185543.8	178077.6	162188.9	142232.0	116523.5	86472.5
-7.5°	157909.6	166285.0	169668.4	170584.1	169668.4	166285.0	157909.6	145926.5	127916.4	104195.4	76914.9
-10°	136451.1	143626.3	146023.2	147317.1	146023.2	143626.3	136451.1	125295.9	108267.0	86939.0	63542.2
-12.5°	115443.3	122459.4	124817.0	126689.9	124817.0	122459.4	115443.3	103106.3	87603.4	68624.3	52356.5
-15°	91905.6	98814.7	102623.6	104732.2	102623.6	98814.7	91905.6	79852.3	65786.2	52823.3	40748.0
-17.5°	68965.7	75527.2	79960.5	82540.0	79960.5	75527.2	68965.7	58192.0	49702.8	40456.6	31717.7
-20°	52292.4	56733.2	60144.8	62169.4	60144.8	56733.2	52292.4	46125.5	39324.9	32227.2	25746.6



REPORT NUMBER: P1305629 (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°	40848.2	43923.9	45900.2	47193.7	45900.2	43923.9	40848.2	36773.4	31549.1	26092.1	21441.5
-25°	31925.3	33943.9	35222.0	36268.1	35222.0	33943.9	31925.3	29153.0	25494.7	21944.2	18544.2
-27.5°	25278.1	26360.3	26925.2	27693.5	26925.2	26360.3	25278.1	23624.9	21589.4	18500.3	15527.1
-30°	20321.0	21151.5	21600.4	21767.1	21600.4	21151.5	20321.0	18994.1	17194.7	14977.7	12643.7
-32.5°	16355.0	17139.5	17706.1	17971.8	17706.1	17139.5	16355.0	15191.7	13644.7	11890.2	10078.7
-35°	13048.1	13702.6	14149.3	14394.7	14149.3	13702.6	13048.1	12029.9	10717.8	9300.5	7665.5
-37.5°	9652.2	10370.3	10862.0	11030.1	10862.0	10370.3	9652.2	8716.8	7587.4	6440.5	5200.2
-40°	5922.0	6379.5	6674.7	6798.8	6674.7	6379.5	5922.0	5308.4	4537.9	3658.3	3051.2
-42.5°	3205.5	3373.4	3490.0	3557.0	3490.0	3373.4	3205.5	2985.1	2702.5	2357.4	2079.9
-45°	2225.2	2267.7	2294.6	2305.4	2294.6	2267.7	2225.2	2171.6	2088.9	1987.7	1876.8
-47.5°	2028.6	2074.5	2098.9	2100.1	2098.9	2074.5	2028.6	1975.9	1904.0	1813.8	1716.7
-50°	1837.4	1887.4	1912.6	1915.0	1912.6	1887.4	1837.4	1778.0	1703.0	1611.6	1518.9
-52.5°	1595.8	1635.4	1652.7	1651.1	1652.7	1635.4	1595.8	1553.4	1506.7	1446.8	1383.5
-55°	1434.6	1458.1	1468.6	1469.7	1468.6	1458.1	1434.6	1407.4	1376.1	1323.0	1266.8
-57.5°	1303.8	1321.2	1327.4	1326.8	1327.4	1321.2	1303.8	1283.9	1261.8	1221.2	1178.8
-60°	1191.8	1210.8	1216.1	1213.1	1216.1	1210.8	1191.8	1169.1	1143.0	1100.0	1048.9
-62.5°	1005.6	1023.0	1031.7	1033.6	1031.7	1023.0	1005.6	982.8	955.0	909.7	854.3
-65°	753.7	766.8	773.6	775.2	773.6	766.8	753.7	735.7	712.9	678.0	634.2
-67.5°	511.9	520.8	523.5	522.3	523.5	520.8	511.9	499.5	483.5	460.9	431.5
-70°	323.1	329.2	330.8	329.9	330.8	329.2	323.1	314.9	304.8	291.2	273.1
-72.5°	195.2	198.9	199.2	197.9	199.2	198.9	195.2	190.2	184.2	176.3	165.3
-75°	102.9	103.4	103.3	102.6	103.3	103.4	102.9	101.6	99.6	96.5	91.6
-77.5°	54.7	56.3	55.8	55.0	55.8	56.3	54.7	53.0	51.2	49.1	46.5
-80°	30.9	31.1	31.2	31.2	31.2	31.1	30.9	30.7	30.4	29.9	28.6
-82.5°	23.1	23.7	22.9	22.0	22.9	23.7	23.1	22.5	21.9	21.2	20.5
-85°	14.6	14.7	14.7	14.7	14.7	14.7	14.6	14.5	14.4	14.3	13.7
-87.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.6
-90°	0.5	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°	6.4	6.0	5.5	5.1	4.6	4.2	3.7	3.7	3.7	3.7	3.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	2.1	2.4	2.6	2.7	2.5	2.4	2.2	2.0
80°	2.6	2.8	3.0	3.1	3.2	3.4	3.7	3.7	3.7	3.6	3.3
77.5°	2.8	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
75°	3.4	3.5	3.8	4.1	4.1	3.8	3.7	3.7	3.7	3.7	3.6
72.5°	5.9	5.9	5.9	6.2	6.2	6.5	6.6	6.3	5.6	4.6	3.7
70°	8.7	9.4	10.5	11.6	12.1	12.1	11.7	11.1	10.4	9.6	7.7
67.5°	9.7	10.7	13.0	15.6	17.2	18.2	18.1	17.1	16.0	15.0	12.1
65°	10.1	10.9	13.8	17.1	20.0	22.8	25.1	25.2	24.0	21.4	16.4
62.5°	10.0	10.8	13.6	16.6	20.1	25.0	30.9	33.6	33.8	29.5	22.9
60°	8.5	9.6	12.1	15.0	18.1	25.1	34.2	41.0	45.5	38.9	29.5
57.5°	7.3	8.1	10.4	12.9	15.7	23.7	34.2	46.1	53.8	44.8	36.1
55°	7.4	8.0	9.4	11.1	13.4	20.7	30.4	42.0	50.2	46.8	37.4
52.5°	9.1	9.2	9.7	10.4	12.5	17.1	23.8	34.6	40.3	38.7	35.1
50°	10.8	10.8	10.8	10.8	12.1	14.2	18.9	26.4	29.1	30.5	28.9
47.5°	14.4	14.2	13.0	12.5	13.6	13.4	15.9	19.1	22.6	22.9	23.1
45°	21.4	21.6	18.9	19.2	19.4	18.9	16.3	18.8	20.4	21.1	18.6
42.5°	36.8	35.7	33.7	32.1	30.7	29.2	27.0	25.7	23.8	22.7	22.7
40°	59.6	56.2	54.8	51.0	46.8	43.4	45.5	40.0	34.9	28.9	32.1
37.5°	94.4	79.5	89.7	81.1	71.8	71.4	74.7	65.8	51.5	55.5	53.6
35°	177.9	160.1	168.3	151.7	118.3	137.2	124.0	105.0	94.1	101.5	88.8
32.5°	409.9	396.1	341.5	300.1	271.9	252.1	220.5	169.3	176.4	172.1	147.0
30°	923.2	871.6	683.5	643.9	613.4	449.5	360.4	333.6	307.0	262.1	221.0
27.5°	2189.8	1835.6	1517.4	1539.5	1237.7	894.9	654.9	537.7	472.1	395.8	320.5
25°	5223.0	4412.0	3763.5	3381.8	2582.1	1755.5	1226.4	879.8	680.5	561.4	462.3
22.5°	10286.6	8884.0	7424.5	6105.6	4746.0	3482.1	2332.4	1327.2	910.4	749.9	628.9
20°	16792.5	14155.2	11885.3	9653.0	7547.9	5506.6	3816.2	2194.4	1279.9	943.8	792.3
17.5°	25577.5	20122.3	16349.1	13228.3	10620.2	8114.4	5424.0	3149.3	1627.8	1131.7	948.1
15°	35073.3	26505.3	20841.6	16961.0	13483.8	9871.9	6828.5	4055.6	2091.3	1379.9	1100.0
12.5°	44175.6	33069.4	24963.0	19689.6	15291.5	11366.3	8187.3	5208.8	2794.6	1604.1	1193.3
10°	51350.6	38444.4	28488.2	22051.7	17098.7	12730.0	9241.8	6014.1	3244.8	1779.6	1271.9
7.5°	57962.1	42521.0	31310.3	23815.8	18617.5	13989.9	10065.9	6576.9	3530.5	1928.4	1336.7
5°	62115.0	45487.0	33341.8	24810.0	19646.5	15025.9	10798.4	6965.9	3670.2	2048.3	1388.6
2.5°	64305.0	47124.4	34649.5	25308.1	20211.8	15703.3	11375.3	7235.4	3754.6	2097.9	1408.2
0°	66014.0	47866.3	34748.9	25413.8	20306.5	15824.1	11724.7	7366.9	3778.7	2105.6	1418.4
-2.5°	64639.5	47171.0	34421.2	25103.0	19999.2	15553.5	11599.5	7567.6	3891.7	2136.4	1426.4
-5°	60742.7	44529.8	32246.9	23598.5	18796.5	14668.3	10976.0	7314.3	3852.5	2118.6	1424.5
-7.5°	55019.0	40244.8	29145.6	21666.9	17221.3	13431.3	9992.9	6626.4	3604.7	2007.5	1383.9
-10°	46823.1	34485.5	25064.2	19218.3	15280.8	11997.1	8893.1	5829.3	3256.6	1864.2	1334.6
-12.5°	38793.9	28421.0	20740.3	16309.5	12914.0	10153.6	7571.2	4928.3	2808.3	1690.6	1277.3
-15°	29965.8	22509.7	17617.1	13838.2	10653.1	8368.3	6197.3	3928.1	2267.3	1496.0	1212.8
-17.5°	24369.6	18204.7	14800.1	11919.9	9237.2	6814.7	4976.6	3230.8	1934.7	1358.9	1166.0
-20°	20163.9	16376.8	13102.9	10456.5	8123.5	5947.2	3997.7	2539.0	1685.6	1302.8	1133.0



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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°	17937.9	14870.8	11923.5	9246.2	7057.8	5036.9	3288.6	2010.9	1419.5	1244.6	1093.5
-25°	15688.2	13198.6	10599.5	8133.2	5926.1	3965.7	2504.7	1732.8	1358.6	1190.2	1047.0
-27.5°	13149.0	11016.0	8981.1	6699.0	4626.4	3016.7	1985.4	1476.1	1305.1	1148.5	992.4
-30°	10506.3	8755.0	6959.2	5051.9	3432.6	2224.2	1620.4	1410.0	1252.4	1100.7	942.6
-32.5°	8170.8	6598.6	4995.8	3563.2	2409.1	1783.9	1513.8	1341.0	1196.2	1039.7	914.7
-35°	6051.1	4614.6	3312.0	2449.1	1847.1	1611.2	1438.5	1284.0	1123.1	980.9	888.8
-37.5°	3923.2	2911.6	2315.4	1829.7	1674.3	1518.2	1368.3	1204.8	1044.0	946.0	860.5
-40°	2529.4	2000.0	1835.8	1691.3	1558.5	1432.4	1268.2	1107.8	1008.2	908.4	829.3
-42.5°	1947.2	1813.8	1687.6	1566.8	1442.5	1298.9	1162.0	1068.0	972.6	879.6	809.7
-45°	1771.8	1663.2	1549.8	1428.4	1298.6	1199.9	1117.6	1027.8	937.2	862.6	795.8
-47.5°	1609.8	1502.4	1393.0	1303.9	1219.2	1139.4	1064.5	986.6	915.6	844.1	742.0
-50°	1436.4	1362.3	1288.9	1217.6	1145.6	1074.3	1015.4	961.3	878.9	779.3	676.5
-52.5°	1317.8	1255.5	1193.3	1131.3	1080.2	1029.2	975.3	893.0	802.4	696.7	590.6
-55°	1208.0	1160.9	1118.5	1076.7	1028.5	953.8	877.9	792.8	696.9	595.7	499.4
-57.5°	1136.8	1088.1	1029.1	970.9	914.0	833.2	745.3	660.5	580.4	490.6	404.3
-60°	993.6	936.9	875.7	811.0	743.1	670.0	597.8	526.5	456.6	384.2	312.4
-62.5°	796.0	735.5	682.4	627.8	571.1	511.7	451.8	394.4	336.5	277.8	230.1
-65°	588.4	541.4	496.2	453.9	409.7	363.6	314.5	273.2	236.0	197.2	158.3
-67.5°	399.4	364.9	330.0	297.9	271.6	244.2	213.9	181.9	158.2	138.5	117.2
-70°	253.4	232.0	210.8	189.8	172.8	158.3	142.1	125.4	108.9	93.3	76.9
-72.5°	154.0	142.4	131.3	120.5	109.1	98.7	87.5	75.4	62.8	49.8	40.4
-75°	86.0	79.6	72.5	64.9	56.5	47.2	42.1	38.9	35.4	31.6	27.7
-77.5°	43.7	40.8	38.0	35.6	33.3	31.1	28.7	25.9	23.9	22.0	20.2
-80°	27.2	25.9	24.7	23.9	23.0	21.9	20.7	19.2	17.8	16.5	15.5
-82.5°	19.7	18.9	18.1	17.2	16.2	15.3	14.3	13.6	12.9	12.2	11.6
-85°	13.1	12.4	11.8	11.2	10.7	10.1	9.7	9.3	8.8	8.3	7.8
-87.5°	8.1	7.6	7.1	7.0	6.9	6.8	6.6	6.2	5.8	5.4	5.0
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8
80°	2.7	2.3	2.0	1.8	1.9	1.8	1.8	1.8	2.1	2.2	2.1
77.5°	3.1	2.6	2.1	1.9	2.2	2.3	2.3	2.1	2.3	2.5	2.5
75°	3.1	2.6	2.1	2.0	2.4	2.9	3.0	2.8	2.8	2.9	3.0
72.5°	3.5	3.0	2.4	2.0	2.5	3.0	3.4	3.6	3.3	3.2	3.4
70°	5.7	4.1	3.4	2.9	2.8	3.0	3.5	3.7	3.7	3.5	3.5
67.5°	9.2	6.9	5.1	3.9	3.4	3.4	3.6	3.7	3.7	3.7	3.6
65°	13.1	9.9	7.1	5.3	4.1	3.6	3.7	3.7	3.7	3.7	3.7
62.5°	17.4	13.2	9.9	6.9	4.9	4.0	3.7	3.7	3.7	3.7	3.7
60°	21.9	16.5	12.5	9.1	6.1	4.1	3.7	3.7	3.7	3.7	3.7
57.5°	26.8	19.3	14.9	11.2	7.9	4.9	3.7	3.7	3.7	3.7	3.7
55°	30.1	22.7	17.4	13.1	9.5	6.3	4.2	3.7	3.7	3.7	3.7
52.5°	28.6	24.6	20.3	15.1	10.9	7.6	5.6	3.7	3.7	3.7	3.7
50°	24.8	24.3	21.9	17.3	12.2	9.2	7.0	4.8	3.7	3.7	3.7
47.5°	22.3	23.2	22.1	19.0	14.0	10.9	8.5	6.0	3.7	3.7	3.7
45°	21.2	21.6	21.9	19.6	16.1	12.9	10.1	7.1	4.7	3.8	3.7
42.5°	21.8	22.1	20.9	20.4	18.1	14.8	11.8	8.6	5.7	3.9	3.8
40°	29.6	24.7	21.3	21.9	20.3	16.6	13.4	10.2	6.7	4.3	3.9
37.5°	40.7	32.6	25.2	27.3	23.6	18.9	14.8	11.8	7.8	5.2	4.1
35°	68.2	45.7	42.2	40.0	31.3	21.4	16.1	13.2	9.3	6.1	4.3
32.5°	103.8	80.1	75.8	60.7	41.8	24.3	18.0	14.5	10.7	7.0	4.5
30°	171.7	150.9	120.7	87.0	57.6	34.1	21.1	16.1	12.0	7.8	4.9
27.5°	282.5	235.6	179.3	128.5	82.8	46.8	25.9	18.0	13.2	8.7	5.6
25°	404.0	338.8	260.9	180.3	111.6	72.7	31.4	20.2	14.6	9.7	6.2
22.5°	538.3	450.3	351.8	238.6	159.8	106.0	44.9	24.5	16.2	10.7	6.8
20°	678.3	566.6	445.5	298.6	214.7	147.5	69.2	29.2	17.9	11.5	7.4
17.5°	822.7	669.4	515.4	364.8	267.6	190.9	97.1	34.1	19.6	12.3	7.9
15°	920.4	749.2	581.6	425.3	315.3	235.6	127.8	39.2	21.4	13.1	8.5
12.5°	998.8	825.1	643.8	480.2	358.4	280.7	160.3	44.4	23.1	14.3	9.3
10°	1068.8	896.3	701.4	529.5	397.2	325.7	193.4	49.8	26.2	15.9	10.1
7.5°	1130.7	962.0	754.2	573.5	428.8	357.5	214.6	55.5	29.5	17.5	10.8
5°	1178.6	1009.9	788.8	593.2	439.3	373.8	230.6	60.7	32.7	19.1	11.5
2.5°	1192.9	1032.3	809.9	605.2	447.8	386.6	242.8	65.4	35.7	20.6	12.2
0°	1200.3	1046.4	824.6	612.1	454.5	395.8	251.1	69.6	38.5	22.0	12.8
-2.5°	1206.5	1050.8	832.4	624.4	468.2	403.1	264.8	89.7	52.0	29.6	16.2
-5°	1206.5	1047.6	833.5	632.0	479.8	407.3	274.9	108.9	64.8	36.8	19.5
-7.5°	1181.9	1024.6	822.5	634.6	489.0	409.2	281.7	126.7	76.8	43.5	22.6
-10°	1147.2	987.3	798.2	630.7	500.6	415.1	286.7	142.7	87.6	49.4	25.4
-12.5°	1107.0	944.6	772.7	625.1	511.9	424.9	294.4	156.9	96.8	54.5	27.8
-15°	1061.4	897.1	747.6	618.5	522.4	432.9	298.3	168.6	104.0	58.7	29.9
-17.5°	1015.8	845.5	724.5	611.8	532.3	439.6	298.4	177.2	109.3	61.8	31.9
-20°	978.5	813.5	705.3	605.8	542.0	445.2	294.6	182.5	112.6	63.8	33.6



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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°	936.0	800.2	698.3	610.6	548.2	450.0	287.0	184.1	113.8	64.5	34.7
-25°	890.0	786.0	691.0	615.5	549.0	438.0	282.0	181.8	112.7	63.9	35.2
-27.5°	863.5	772.1	681.8	616.7	538.9	421.4	278.7	180.2	110.3	61.7	35.0
-30°	845.5	759.4	678.1	611.0	525.0	391.3	270.1	175.6	107.6	60.3	34.1
-32.5°	827.2	745.3	672.0	592.6	494.1	359.7	252.9	167.6	103.0	59.2	33.3
-35°	806.3	731.4	660.1	569.5	455.9	335.2	233.1	156.4	96.3	57.0	32.2
-37.5°	782.2	716.9	630.6	535.5	416.7	306.7	214.5	142.5	87.5	53.7	30.5
-40°	766.6	693.1	598.4	491.8	379.9	274.3	192.6	128.6	81.2	49.4	28.1
-42.5°	748.6	653.3	552.5	446.9	340.3	246.2	168.1	112.5	74.1	45.5	25.2
-45°	700.1	603.4	498.2	396.5	297.8	214.4	148.0	95.8	65.9	41.3	22.4
-47.5°	642.7	539.1	439.1	342.1	258.0	181.7	125.5	85.6	56.9	36.3	20.3
-50°	567.4	469.9	375.6	291.2	213.8	153.8	103.9	74.4	49.6	30.0	17.9
-52.5°	489.8	396.7	314.7	239.6	177.2	123.4	90.2	62.6	41.4	25.4	15.1
-55°	407.1	327.2	255.2	193.8	140.5	103.4	75.5	52.1	32.4	21.6	12.3
-57.5°	328.3	258.9	202.2	150.3	112.9	85.5	61.3	40.7	26.7	17.5	11.7
-60°	249.6	199.8	151.2	118.2	91.2	67.5	47.0	30.7	21.8	13.9	11.0
-62.5°	184.2	144.5	118.1	92.1	69.9	50.1	33.4	25.0	16.8	12.9	10.1
-65°	134.2	110.5	87.8	67.9	49.2	34.6	26.7	19.0	14.6	11.7	9.2
-67.5°	96.2	77.8	60.8	43.9	34.1	26.7	19.7	15.9	13.1	10.5	8.3
-70°	61.0	46.2	38.2	31.6	24.9	19.3	16.7	14.0	11.5	9.5	7.4
-72.5°	36.2	31.6	26.6	21.4	19.1	16.7	14.4	12.1	10.3	8.4	6.4
-75°	23.7	21.7	20.1	18.4	16.3	14.2	12.4	10.8	9.0	7.2	5.8
-77.5°	18.9	17.7	16.7	15.2	13.3	11.7	10.5	9.4	7.8	6.4	5.2
-80°	14.7	13.7	12.5	11.2	10.1	9.2	8.6	7.9	6.7	5.5	4.5
-82.5°	10.6	9.7	8.9	8.2	7.8	7.3	6.9	6.4	5.5	4.6	4.1
-85°	7.3	6.8	6.4	6.0	5.8	5.5	5.4	5.2	4.7	4.3	4.0
-87.5°	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.2	4.0	3.8
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.8	1.9	2.0	2.0	2.0	2.8	3.7
85°	1.8	2.0	2.1	2.2	2.1	2.8	3.7
82.5°	1.8	2.1	2.3	2.4	2.3	2.9	3.7
80°	1.9	2.2	2.5	2.6	2.5	2.9	3.7
77.5°	2.4	2.4	2.7	2.7	2.6	3.0	3.7
75°	2.9	2.7	2.8	2.9	2.8	3.0	3.7
72.5°	3.3	3.0	3.0	3.1	3.0	3.1	3.7
70°	3.7	3.3	3.2	3.3	3.1	3.1	3.7
67.5°	3.7	3.6	3.3	3.4	3.3	3.2	3.7
65°	3.7	3.7	3.5	3.4	3.4	3.2	3.7
62.5°	3.7	3.7	3.6	3.5	3.6	3.2	3.7
60°	3.7	3.7	3.7	3.6	3.7	3.3	3.7
57.5°	3.7	3.7	3.7	3.6	3.7	3.3	3.7
55°	3.7	3.7	3.7	3.6	3.7	3.4	3.7
52.5°	3.7	3.7	3.7	3.7	3.7	3.4	3.7
50°	3.7	3.7	3.7	3.7	3.7	3.4	3.7
47.5°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
45°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
42.5°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
40°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
37.5°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
35°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
32.5°	3.8	3.7	3.7	3.7	3.7	3.6	3.7
30°	3.9	3.7	3.7	3.7	3.7	3.6	3.7
27.5°	4.1	3.7	3.7	3.7	3.7	3.7	3.7
25°	4.4	3.7	3.7	3.7	3.7	3.7	3.7
22.5°	4.6	3.7	3.7	3.7	3.7	3.7	3.7
20°	4.8	3.9	3.7	3.7	3.7	3.7	3.7
17.5°	5.1	4.0	3.7	3.7	3.7	3.7	3.7
15°	5.5	4.2	3.7	3.7	3.7	3.7	3.7
12.5°	5.8	4.4	3.7	3.7	3.7	3.7	3.7
10°	6.2	4.6	3.7	3.7	3.7	3.7	3.7
7.5°	6.5	4.9	3.7	3.7	3.7	3.7	3.7
5°	6.8	5.1	3.7	3.7	3.7	3.7	3.7
2.5°	7.0	5.3	3.7	3.7	3.7	3.7	3.7
0°	7.3	5.5	3.7	3.7	3.7	3.7	3.7
-2.5°	9.0	6.1	3.9	3.7	3.7	3.7	3.7
-5°	10.7	6.7	4.0	3.7	3.7	3.7	3.7
-7.5°	12.2	7.2	4.2	3.7	3.7	3.7	3.7
-10°	13.6	7.7	4.3	3.7	3.7	3.7	3.7
-12.5°	14.9	8.1	4.4	3.7	3.7	3.7	3.7
-15°	15.9	8.4	4.5	3.7	3.7	3.7	3.7
-17.5°	16.7	8.6	4.6	3.7	3.7	3.7	3.7
-20°	17.4	8.7	4.6	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.1	8.8	4.7	3.7	3.7	3.7	3.7
-25°	18.4	8.8	4.7	3.7	3.7	3.7	3.7
-27.5°	18.3	8.8	4.6	3.7	3.7	3.7	3.7
-30°	17.8	8.6	4.6	3.7	3.7	3.7	3.7
-32.5°	16.9	8.3	4.6	3.7	3.7	3.7	3.7
-35°	16.2	7.8	4.7	3.7	3.7	3.7	3.7
-37.5°	15.6	7.4	4.7	3.7	3.7	3.7	3.7
-40°	14.7	7.3	4.6	3.7	3.7	3.7	3.7
-42.5°	13.5	7.3	4.6	3.7	3.7	3.7	3.7
-45°	12.0	7.2	4.7	3.8	3.7	3.7	3.7
-47.5°	10.3	7.0	4.8	3.8	3.7	3.7	3.7
-50°	9.8	6.8	4.7	3.8	3.7	3.7	3.7
-52.5°	9.5	6.5	4.7	3.8	3.7	3.7	3.7
-55°	9.1	6.3	4.6	3.8	3.7	3.7	3.7
-57.5°	8.6	6.1	4.5	3.8	3.7	3.7	3.7
-60°	8.1	5.8	4.4	3.8	3.7	3.7	3.7
-62.5°	7.5	5.5	4.3	3.8	3.7	3.7	3.7
-65°	6.9	5.1	4.2	3.8	3.7	3.7	3.7
-67.5°	6.2	4.8	4.1	3.8	3.7	3.7	3.7
-70°	5.5	4.6	4.0	3.7	3.7	3.7	3.7
-72.5°	5.0	4.3	3.9	3.7	3.7	3.7	3.7
-75°	4.6	4.1	3.7	3.7	3.7	3.7	3.7
-77.5°	4.2	3.8	3.7	3.7	3.7	3.7	3.7
-80°	3.8	3.7	3.7	3.7	3.7	3.7	3.7
-82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-90°	1.8	1.8	1.8	1.8	1.8	2.8	3.7

(END OF REPORT)