

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: P1305703 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-4S-CV5-A**

Issue Date: 2/3/2026

Test Information

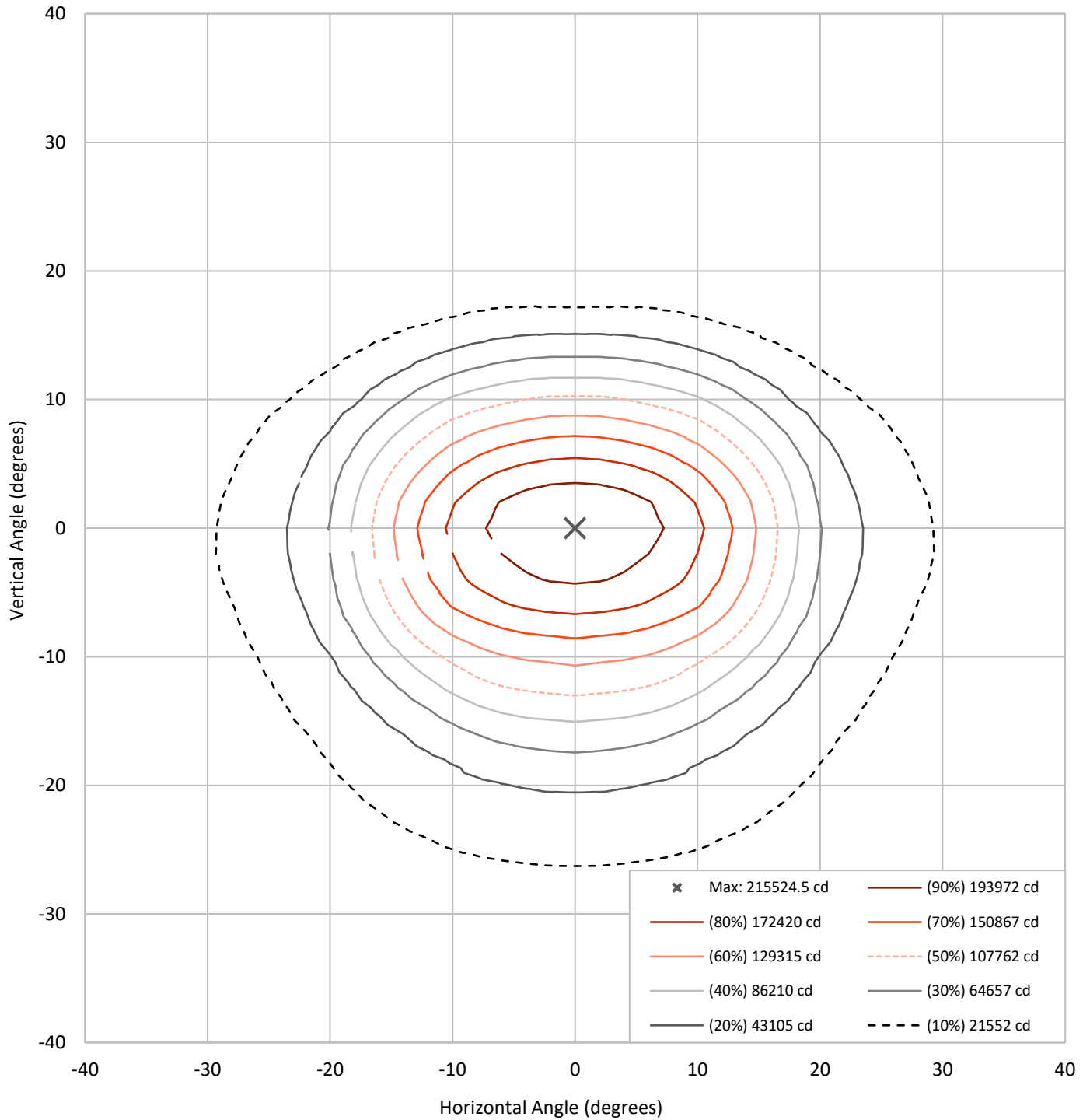
Test Method: LM-79-08
Report Number: P1305703 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-4S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	56894.7 lumens	Max Intensity:	215524.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	28786.8 lumens	Field Lumens:	49066.7 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





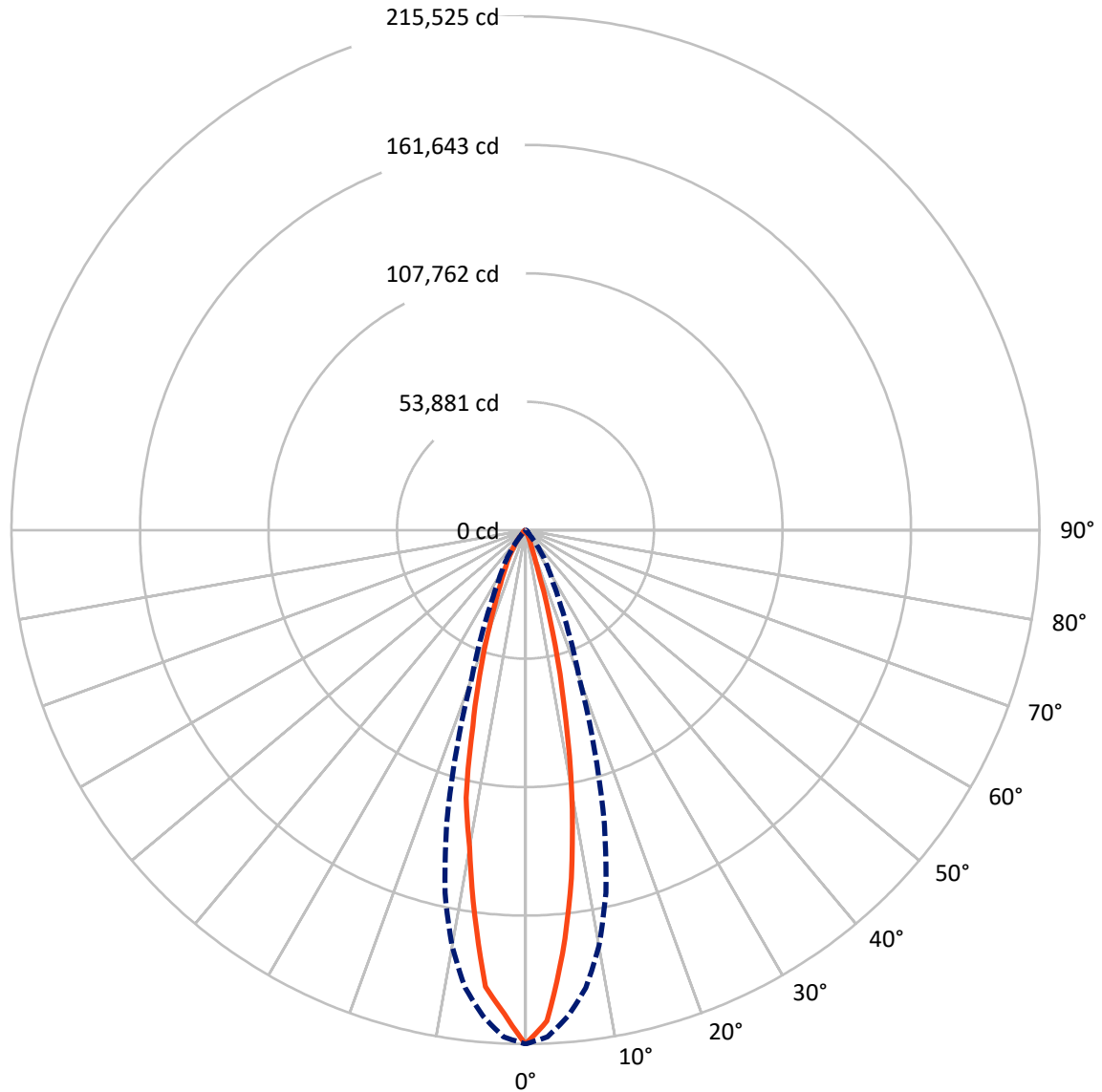
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Lumen Table

90	0.2	0.5		0.8		0.7		0.5		0.7		0.8		0.5		0.2			
80	0.2	0.5		0.8		0.7		0.5		0.7		0.8		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.8	0.8	0.3	0.2	0.2	0.2	0.2	0.3	0.8	0.8	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.6	0.8	1.2	2.4	4.4	6.5	6.5	4.4	2.4	1.2	0.8	0.6	0.2				
30	0.2	0.4	1.5	3.2	8.6	23.7	49.2	81.6	81.6	49.2	23.7	8.6	3.2	1.5	0.4	0.2			
20		1.0	4.9	12.9	76.8	239.9	730.9	1366.3	1366.3	730.9	239.9	76.8	12.9	4.9	1.0				
10	0.3	1.8	9.9	32.4	238.3	839.6	2906.9	4946.7	4946.7	2906.9	839.6	238.3	32.4	9.9	1.8	0.3			
0		2.5	12.2	38.9	265.6	926.4	3201.8	5256.0	5256.0	3201.8	926.4	265.6	38.9	12.2	2.5				
-10	0.5	2.7	10.8	27.3	157.4	510.6	1416.9	2490.2	2490.2	1416.9	510.6	157.4	27.3	10.8	2.7	0.5			
-20		2.5	9.1	18.3	65.8	255.2	526.0	766.0	766.0	526.0	255.2	65.8	18.3	9.1	2.5				
-30	0.4	2.1	7.6	14.2	26.7	79.5	180.4	256.1	256.1	180.4	79.5	26.7	14.2	7.6	2.1	0.4			
-40		1.3	5.5	11.7	19.0	28.4	41.1	53.9	53.9	41.1	28.4	19.0	11.7	5.5	1.3				
-50	0.3	0.7	2.8	7.5	13.4	18.7	23.0	25.8	25.8	23.0	18.7	13.4	7.5	2.8	0.7	0.3			
-60		0.3	1.0	2.8	5.6	9.0	12.2	14.0	14.0	12.2	9.0	5.6	2.8	1.0	0.3				
-70	0.2	0.8		2.7		7.0		10.0		7.0		2.7		0.8		0.2			
-80		0.8		2.7		7.0		10.0		7.0		2.7		0.8					
-90	0.2	0.8		2.7		7.0		10.0		7.0		2.7		0.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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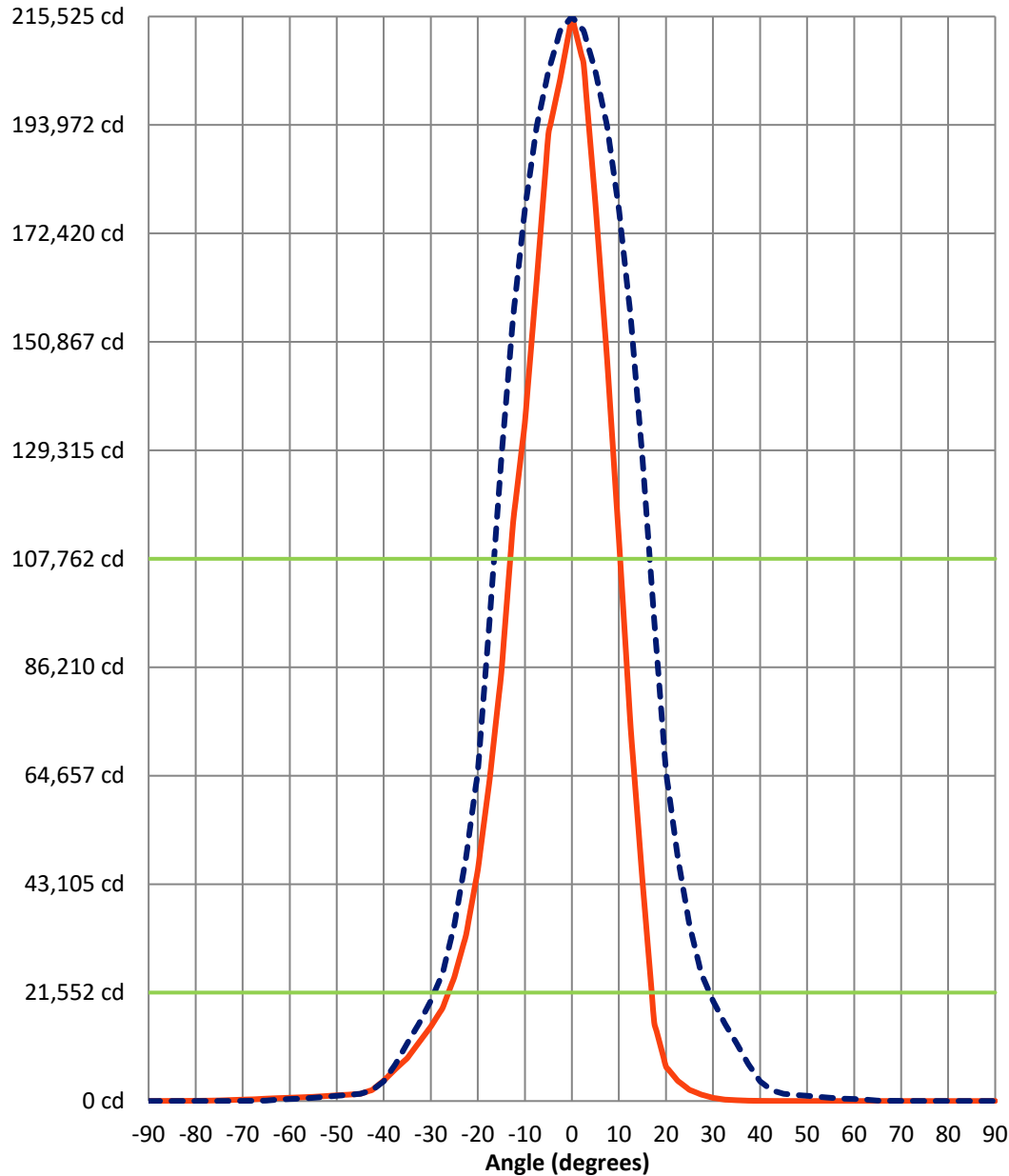
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 23.4°
 Lumens: 28786.8
 Efficiency: 50.6%

Field:
 H Angle: 58.5°
 V Angle: 43.2°
 Lumens: 49066.7
 Efficiency: 86.2%

Spill:
 Lumens: 7828
 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°	7.9	8.8	9.8	9.3	8.9	8.4	7.9	8.4	8.9	9.3	9.8
87.5°	7.9	8.0	8.1	8.1	8.2	8.3	8.4	8.3	8.2	8.1	7.9
85°	7.9	8.1	8.2	8.4	8.6	8.7	8.9	8.8	8.6	8.3	7.9
82.5°	7.9	8.1	8.4	8.6	8.9	9.1	9.4	9.2	8.9	8.6	8.4
80°	7.9	8.2	8.6	8.9	9.2	9.5	9.8	9.5	9.2	9.1	9.2
77.5°	7.9	8.3	8.7	9.1	9.5	9.8	9.8	9.6	9.5	9.7	9.8
75°	7.9	8.4	8.9	9.4	9.8	9.8	9.8	9.7	9.8	9.8	9.8
72.5°	7.9	8.5	9.0	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8
70°	7.9	8.5	9.2	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
67.5°	7.9	8.6	9.4	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
65°	7.9	8.7	9.5	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
62.5°	7.9	8.8	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
60°	7.9	8.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
57.5°	7.9	8.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
55°	7.9	9.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
52.5°	7.9	9.1	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
50°	7.9	9.1	9.8	9.8	9.8	9.8	9.8	9.9	9.8	9.8	10.7
47.5°	7.9	9.2	9.8	9.8	9.8	9.8	9.8	10.1	9.8	9.8	11.6
45°	7.9	9.2	9.8	9.8	9.8	9.8	10.0	10.2	9.9	10.4	12.3
42.5°	7.9	9.3	9.8	9.8	9.8	9.8	10.2	10.4	10.0	11.0	12.8
40°	7.9	9.4	9.8	9.8	9.8	9.8	10.4	10.5	10.3	11.5	13.2
37.5°	7.9	9.4	9.8	9.8	9.8	9.8	10.6	10.6	10.9	12.1	13.6
35°	7.9	9.5	9.8	9.8	9.8	9.9	10.9	10.7	11.5	13.0	14.0
32.5°	7.9	9.5	9.8	9.8	9.8	10.1	11.2	10.9	12.0	14.1	15.4
30°	7.9	9.5	9.8	9.8	9.8	10.4	11.3	11.1	12.5	15.4	17.0
27.5°	7.9	9.6	9.8	9.8	9.8	10.6	11.4	11.5	13.2	16.8	18.9
25°	7.9	9.6	9.8	9.8	9.8	10.8	11.5	11.9	14.3	18.3	21.1
22.5°	7.9	9.7	9.8	9.8	9.8	11.0	11.6	12.3	15.5	20.0	25.3
20°	7.9	9.7	9.8	9.8	9.8	11.2	11.8	12.7	16.7	21.8	29.7
17.5°	7.9	9.7	9.8	9.8	9.8	11.3	11.9	13.0	17.9	23.7	34.3
15°	7.9	9.7	9.8	9.8	9.8	11.5	12.1	13.6	19.2	25.6	39.0
12.5°	7.9	9.8	9.8	9.8	9.8	11.6	12.4	14.6	21.0	27.6	43.8
10°	7.9	9.8	9.8	9.8	9.8	11.6	12.6	15.6	23.2	31.6	50.0
7.5°	7.9	9.8	9.8	9.8	9.8	11.7	12.9	16.7	25.4	36.1	59.4
5°	7.9	9.8	9.8	9.8	9.8	11.8	13.2	17.7	27.6	40.6	68.8
2.5°	7.9	9.8	9.8	9.8	9.8	11.8	13.5	18.7	29.6	45.0	77.9
0°	7.9	9.8	9.8	9.8	9.8	11.8	13.8	19.7	31.5	49.2	86.5
-2.5°	7.9	9.8	9.8	9.8	9.8	12.0	15.1	22.4	37.1	59.6	102.1
-5°	7.9	9.8	9.8	9.8	9.8	12.2	16.3	25.0	42.4	69.4	116.7
-7.5°	7.9	9.8	9.8	9.8	9.8	12.3	17.5	27.4	47.2	78.4	130.0
-10°	7.9	9.8	9.8	9.8	9.8	12.5	18.4	29.6	51.5	86.4	141.6
-12.5°	7.9	9.8	9.8	9.8	9.8	12.5	19.3	31.5	55.0	93.2	151.9
-15°	7.9	9.7	9.8	9.8	9.8	12.5	19.9	33.0	58.4	99.8	160.4
-17.5°	7.9	9.7	9.8	9.8	9.8	12.5	20.2	34.5	61.5	104.8	166.8
-20°	7.9	9.7	9.8	9.8	9.8	12.4	20.6	36.1	63.5	108.1	170.7



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 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.9	9.7	9.8	9.8	9.8	12.2	21.0	37.1	64.2	109.6	172.2
-25°	7.9	9.7	9.8	9.8	9.8	12.2	21.1	37.6	63.6	109.0	171.1
-27.5°	7.9	9.6	9.8	9.8	9.8	12.2	20.8	37.5	61.4	107.1	170.0
-30°	7.9	9.6	9.8	9.8	9.8	12.0	20.0	36.8	60.1	104.6	166.4
-32.5°	7.9	9.6	9.8	9.8	10.0	11.7	18.8	35.9	59.2	100.0	159.9
-35°	7.9	9.6	9.8	9.8	10.1	11.2	18.1	34.5	57.4	93.3	150.6
-37.5°	7.9	9.5	9.8	9.8	10.3	10.9	17.5	32.4	54.8	84.5	135.7
-40°	7.9	9.5	9.8	9.8	10.4	11.0	16.7	29.6	51.3	78.8	120.7
-42.5°	7.9	9.5	9.8	9.8	10.5	11.2	15.5	26.2	47.3	72.3	104.7
-45°	7.9	9.4	9.8	9.9	10.6	11.4	14.2	23.2	42.6	64.8	88.9
-47.5°	7.9	9.4	9.8	9.9	10.6	11.5	12.6	21.2	37.0	56.5	79.5
-50°	7.9	9.4	9.8	9.9	10.6	11.7	12.4	18.9	29.9	48.3	69.1
-52.5°	7.9	9.4	9.8	10.0	10.6	11.8	12.6	16.2	25.1	39.6	58.1
-55°	7.9	9.3	9.8	10.0	10.6	11.8	12.8	13.6	21.5	30.4	47.6
-57.5°	7.9	9.3	9.8	10.0	10.6	11.7	12.9	13.8	17.7	25.1	36.6
-60°	7.9	9.3	9.8	9.9	10.5	11.5	13.0	13.8	14.7	20.9	27.4
-62.5°	7.9	9.2	9.8	9.9	10.5	11.4	12.7	13.8	14.5	16.7	22.9
-65°	7.9	9.2	9.8	9.9	10.4	11.2	12.4	13.6	14.2	15.4	18.3
-67.5°	7.9	9.2	9.8	9.9	10.2	11.0	12.1	13.1	13.8	14.7	16.1
-70°	7.9	9.1	9.8	9.8	10.1	10.7	11.7	12.5	13.2	13.8	14.9
-72.5°	7.9	9.1	9.8	9.8	10.0	10.5	11.3	12.0	12.5	13.1	13.6
-75°	7.9	9.1	9.8	9.7	9.8	10.2	10.8	11.4	11.9	12.3	12.8
-77.5°	7.9	9.0	9.8	9.6	9.7	9.9	10.3	10.8	11.2	11.6	12.0
-80°	7.9	9.0	9.8	9.6	9.5	9.6	9.9	10.2	10.5	10.8	11.2
-82.5°	7.9	9.0	9.8	9.5	9.4	9.3	9.4	9.7	9.8	10.1	10.3
-85°	7.9	8.9	9.8	9.5	9.2	9.0	8.9	9.2	9.5	9.7	9.8
-87.5°	7.9	8.9	9.8	9.4	9.0	8.7	8.4	8.8	9.2	9.5	9.8
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



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 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.3	8.9	8.4	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.4	6.9	6.4
85°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.6	7.4	7.3
82.5°	8.5	8.4	8.2	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
80°	9.2	8.9	8.5	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9
77.5°	9.4	9.0	8.5	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9
75°	9.5	9.0	8.5	8.1	7.9	7.9	8.0	8.3	8.5	8.6	8.4
72.5°	9.5	9.1	8.6	8.1	8.3	8.8	9.2	9.6	10.1	10.4	10.7
70°	9.6	9.1	8.9	9.0	9.4	10.0	10.9	12.0	13.0	13.7	15.0
67.5°	9.7	9.5	9.5	9.9	10.6	11.6	12.8	15.4	18.1	19.7	21.3
65°	9.8	9.7	10.0	10.7	11.7	14.2	17.1	20.2	25.0	27.9	29.1
62.5°	9.8	9.9	10.5	11.9	14.7	17.8	21.8	27.2	33.8	38.3	38.5
60°	9.8	10.0	11.7	14.5	17.6	21.4	26.8	34.2	43.8	51.0	46.5
57.5°	9.8	11.0	13.7	16.7	20.1	24.4	31.4	40.8	50.0	59.7	51.2
55°	10.3	12.6	15.3	18.3	22.2	26.9	34.2	42.1	52.1	55.1	45.4
52.5°	11.6	13.9	16.2	19.5	23.8	28.0	32.6	39.5	42.7	43.3	36.1
50°	12.8	14.5	16.7	20.4	24.5	27.5	28.6	32.6	32.8	29.8	25.8
47.5°	13.5	15.1	16.9	20.8	24.5	26.3	25.9	24.9	22.8	21.1	16.4
45°	14.1	15.7	17.4	21.2	24.3	25.0	22.8	18.0	18.7	16.7	15.5
42.5°	14.6	16.3	18.9	21.9	23.9	23.7	20.5	19.0	17.7	17.3	16.9
40°	15.0	16.8	20.8	23.4	23.9	23.2	23.3	22.3	19.2	20.4	20.6
37.5°	15.4	18.7	23.4	27.4	24.7	26.0	27.8	28.3	26.7	26.0	28.7
35°	15.8	20.8	28.6	33.0	30.6	31.5	35.2	36.8	37.1	37.0	39.0
32.5°	17.1	23.0	35.6	39.9	41.1	41.7	44.3	48.1	52.3	54.2	51.9
30°	19.9	29.4	43.6	48.2	53.3	60.7	59.0	61.8	71.5	75.4	79.1
27.5°	24.4	37.9	51.6	59.4	68.5	85.2	91.2	85.1	93.4	101.2	113.0
25°	29.5	59.1	60.6	72.2	92.6	117.8	133.9	140.8	122.4	136.1	167.8
22.5°	41.0	86.9	92.5	85.8	120.5	157.7	189.4	206.4	204.2	190.9	233.6
20°	61.3	114.9	129.8	132.6	159.1	203.5	252.9	281.7	309.0	356.5	481.4
17.5°	85.0	146.0	169.4	193.2	241.3	280.8	323.0	365.9	430.6	572.1	995.8
15°	111.3	179.5	210.9	259.1	330.8	396.9	448.4	486.8	601.1	897.6	1646.9
12.5°	139.4	214.8	253.6	328.8	425.1	518.8	591.9	669.3	861.6	1444.6	2682.1
10°	168.3	251.2	297.1	401.0	522.5	644.7	739.4	856.0	1156.6	2063.8	3812.0
7.5°	200.3	290.0	341.5	473.9	621.0	772.2	888.9	1044.0	1457.6	2689.6	4948.9
5°	231.5	330.6	388.8	536.8	704.0	884.3	1028.5	1230.0	1755.4	3296.2	6053.8
2.5°	260.1	369.9	435.1	594.3	773.6	969.5	1123.8	1341.3	1961.5	3694.7	6867.0
0°	285.2	407.1	479.9	647.0	837.8	1048.2	1213.4	1443.5	2127.9	3935.2	7353.1
-2.5°	294.8	421.4	498.3	660.3	846.7	1061.6	1229.9	1452.4	2178.9	4032.7	7424.7
-5°	300.2	432.4	514.4	669.0	849.8	1066.8	1239.6	1452.2	2166.1	3948.2	7075.7
-7.5°	302.0	439.8	528.0	670.2	833.7	1032.5	1191.1	1376.0	1995.4	3599.1	6323.2
-10°	300.2	438.7	523.9	645.5	792.1	972.3	1126.1	1292.8	1798.6	3161.3	5486.4
-12.5°	294.7	430.7	516.1	619.4	749.0	907.7	1058.0	1204.0	1580.0	2640.1	4624.6
-15°	287.3	421.2	507.9	592.9	705.6	839.8	987.6	1110.8	1352.5	2084.0	3769.2
-17.5°	278.5	410.7	499.7	566.8	663.1	769.5	918.7	1033.1	1184.7	1729.5	3080.9
-20°	268.9	399.5	492.0	542.0	623.5	716.2	852.5	968.7	1096.9	1450.0	2342.8



REPORT NUMBER: P1305703 (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°	258.7	388.1	480.7	528.2	597.5	679.4	785.9	900.6	1007.7	1141.5	1716.2
-25°	253.7	371.3	464.0	518.8	573.2	643.8	721.5	829.0	924.8	1053.3	1384.9
-27.5°	251.3	355.6	444.3	508.3	549.5	611.3	675.6	758.7	868.2	981.9	1102.1
-30°	245.4	332.3	424.0	493.6	534.5	584.7	638.7	709.2	813.8	918.7	1024.9
-32.5°	231.0	307.4	397.9	470.2	520.7	559.7	612.1	676.8	760.9	857.2	952.5
-35°	212.4	285.7	368.3	446.8	505.0	542.9	590.4	646.0	711.8	798.1	900.0
-37.5°	193.8	261.6	337.5	418.7	479.6	529.5	567.4	617.9	675.1	743.6	843.8
-40°	173.0	235.1	307.7	383.9	455.2	510.0	552.3	590.4	639.9	707.1	778.9
-42.5°	150.7	209.9	276.3	347.6	418.6	481.4	535.0	571.0	613.0	671.2	736.7
-45°	131.8	182.3	243.1	308.7	375.5	444.7	501.8	554.2	592.4	636.6	694.9
-47.5°	111.8	154.6	209.9	267.4	330.2	395.1	461.9	517.3	571.3	611.6	652.8
-50°	93.1	131.4	173.9	227.2	282.7	343.1	405.3	471.1	527.8	579.9	624.8
-52.5°	80.5	107.2	144.7	186.8	236.6	289.1	347.3	407.7	470.0	529.3	576.0
-55°	66.8	89.4	116.0	151.6	191.8	237.9	287.9	343.5	398.5	456.6	509.9
-57.5°	53.6	73.0	93.7	118.7	152.5	188.6	232.8	279.0	329.3	379.1	421.4
-60°	40.5	57.3	75.8	94.5	115.2	146.7	178.8	217.8	260.5	301.8	339.0
-62.5°	28.6	42.4	58.4	75.1	91.9	108.2	134.0	163.1	192.3	227.2	259.8
-65°	23.7	29.6	41.3	56.1	71.2	86.4	101.2	115.5	139.7	164.3	187.2
-67.5°	18.8	24.0	29.5	36.8	50.1	63.7	77.7	90.8	103.6	116.0	130.4
-70°	16.7	18.8	23.1	28.0	33.0	39.8	51.7	63.9	76.6	89.2	100.2
-72.5°	15.1	17.1	19.1	21.0	25.1	29.4	33.5	37.5	45.4	56.3	67.4
-75°	13.8	15.3	17.1	19.0	20.6	22.4	24.6	28.2	31.8	35.5	39.2
-77.5°	12.6	13.6	14.9	16.6	18.2	19.5	21.0	22.6	24.3	26.1	27.9
-80°	11.5	11.8	12.5	13.4	14.7	16.0	17.3	18.6	19.7	21.0	22.3
-82.5°	10.6	10.8	11.0	11.2	11.8	12.5	13.4	14.4	15.1	15.8	16.5
-85°	9.8	9.8	9.9	10.1	10.3	10.6	11.0	11.4	11.7	11.9	12.1
-87.5°	9.5	9.3	9.1	9.0	9.1	9.1	9.2	9.2	9.3	9.4	9.4
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.4	6.9	6.4



REPORT NUMBER: P1305703 (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°	7.9	8.9	9.8	10.8	11.8	12.8	13.7	14.7	15.7	16.7	17.7
87.5°	5.9	5.9	5.9	5.9	5.9	5.4	4.9	4.4	3.9	3.4	3.0
85°	7.2	6.9	6.6	6.3	5.9	5.4	4.9	4.4	3.9	3.4	3.0
82.5°	7.9	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	3.0
80°	7.9	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9	3.5	3.0
77.5°	7.9	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.8	3.8
75°	8.1	7.7	7.6	7.4	7.0	6.6	6.3	5.9	5.6	5.3	4.9
72.5°	10.9	10.9	10.6	10.3	9.7	9.2	8.8	8.3	7.6	7.2	6.8
70°	16.1	16.8	16.3	15.2	13.5	12.1	11.3	10.5	9.6	8.8	8.0
67.5°	22.4	22.4	20.8	18.8	16.0	13.5	12.4	11.3	10.3	9.7	9.6
65°	29.0	27.1	24.4	21.1	17.3	13.6	12.6	11.5	10.4	9.8	9.8
62.5°	36.3	30.3	24.4	20.1	16.6	13.6	12.2	10.7	9.4	8.4	8.2
60°	39.0	29.0	20.9	17.4	14.5	12.1	10.6	9.5	8.5	7.9	7.9
57.5°	37.8	25.9	16.8	14.0	11.8	10.3	9.2	8.3	7.4	6.6	6.3
55°	32.3	21.1	12.6	10.8	9.7	8.6	7.7	7.1	6.5	5.9	5.9
52.5°	23.7	16.2	11.3	9.5	8.9	8.4	7.8	7.6	7.4	7.2	7.0
50°	17.3	12.5	10.8	9.6	9.3	9.3	9.6	9.5	9.4	9.2	8.9
47.5°	14.1	12.2	11.0	9.9	10.2	11.1	11.5	11.5	11.4	11.2	10.9
45°	13.7	12.6	12.0	12.6	13.3	13.8	13.8	13.5	14.1	14.3	14.0
42.5°	15.1	15.2	16.4	17.4	16.7	17.8	19.0	19.0	19.9	20.5	20.5
40°	21.2	20.7	23.7	24.6	25.0	26.2	29.6	29.2	30.7	34.9	35.6
37.5°	30.4	32.1	34.1	36.0	41.2	44.7	51.2	56.5	59.3	67.2	73.3
35°	42.9	47.1	48.3	58.7	69.5	79.6	88.8	99.9	104.6	122.1	134.3
32.5°	60.7	69.5	81.4	98.7	119.1	143.3	142.2	179.1	192.4	228.4	269.7
30°	84.9	109.6	148.9	176.1	226.2	265.5	285.4	342.9	420.3	494.2	594.8
27.5°	138.0	190.1	261.1	354.8	403.7	463.0	552.6	621.4	798.0	966.6	1090.5
25°	237.4	346.6	480.7	619.1	705.8	783.5	947.4	1067.6	1317.9	1505.9	1773.9
22.5°	454.0	687.3	857.0	959.8	1145.8	1389.0	1507.1	1837.7	2208.8	2682.7	3074.3
20°	765.1	1132.0	1510.3	1741.4	1953.8	2490.7	2726.0	3345.3	4134.3	5025.9	5769.2
17.5°	1497.1	1832.3	2602.5	3352.9	3917.4	4447.4	5935.3	6998.2	9061.0	11585.7	12750.2
15°	2686.4	3623.5	4522.2	5883.3	7323.7	8926.2	11261.0	15292.1	20355.1	25875.8	31847.4
12.5°	4355.1	6065.7	7673.2	9386.6	11448.6	15386.4	20709.9	27750.2	36847.4	46607.8	57877.6
10°	6229.7	8833.1	11181.1	13767.8	17429.4	23279.4	31169.9	42030.7	58231.3	74791.3	89155.6
7.5°	7908.6	11061.5	14246.4	17990.5	23794.5	32149.7	43501.7	60459.3	81615.8	102109.0	119582.8
5°	9517.3	13200.6	16830.8	21293.3	28608.2	39512.5	54204.0	77468.1	104213.6	126952.4	146102.8
2.5°	10770.8	14874.4	19028.6	24277.0	32622.5	45029.3	61716.0	89874.0	122154.6	147373.1	169270.4
0°	11488.9	15424.1	19933.5	25371.2	34974.2	48488.7	65602.1	95585.0	127733.2	155758.3	177157.9
-2.5°	11348.3	15471.9	20082.0	25583.0	34685.1	47660.2	64530.2	93131.8	125129.0	150393.4	171129.2
-5°	10631.9	14404.6	18469.1	23295.3	31326.8	43149.7	59713.7	86591.4	116286.7	141557.0	162631.9
-7.5°	9514.7	12850.9	16389.2	20589.9	27382.3	37669.9	51907.8	72835.4	99145.5	122032.6	137828.5
-10°	8295.4	11230.9	14424.0	18225.4	23582.7	31647.6	42435.5	57553.1	79071.6	98142.7	112794.6
-12.5°	7139.3	9808.0	12585.6	15759.9	19814.9	26167.0	34366.1	45652.6	59523.9	75200.6	90166.7
-15°	6030.6	8374.2	10798.0	13736.3	17262.7	21572.4	27084.4	34678.1	43791.3	54066.2	65150.2
-17.5°	4975.1	7032.9	9313.4	11879.0	14793.1	18085.8	22708.4	27915.7	33701.2	40396.0	46743.3
-20°	3903.1	5804.5	7873.8	10157.9	12772.4	15774.1	19063.4	22974.8	27160.5	31734.6	36482.8



REPORT NUMBER: P1305703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2978.9	4599.1	6409.7	8489.1	10943.7	13589.7	16141.0	18708.4	21805.1	24821.8	27851.6
-25°	2086.0	3370.8	5061.4	7049.1	9133.3	11344.8	13238.4	15048.1	17198.5	19132.5	21146.6
-27.5°	1534.2	2417.0	3814.9	5578.0	7447.2	8963.9	10558.2	12042.6	13599.8	14827.3	16245.9
-30°	1169.9	1678.2	2717.0	4092.2	5591.9	6913.6	8144.0	9488.2	10768.5	11834.2	12726.1
-32.5°	1067.0	1260.7	1786.5	2744.5	3828.6	5001.4	6065.9	7235.9	8309.9	9196.3	9906.3
-35°	1002.8	1107.8	1261.1	1744.7	2380.3	3306.3	4194.6	5152.7	6043.0	6774.2	7362.1
-37.5°	948.0	1040.2	1130.6	1221.4	1571.6	1962.1	2603.2	3296.8	3898.2	4566.8	5088.8
-40°	879.9	983.3	1056.5	1131.2	1215.3	1313.0	1651.2	1955.0	2295.0	2767.1	3157.9
-42.5°	805.2	892.6	983.6	1056.8	1121.6	1190.6	1267.2	1343.1	1499.5	1698.0	1859.5
-45°	756.2	813.7	879.9	962.9	1038.7	1096.1	1153.1	1208.3	1260.5	1307.5	1346.8
-47.5°	703.4	752.2	805.9	862.9	919.0	982.9	1042.8	1092.8	1132.4	1170.3	1204.1
-50°	656.3	692.4	737.7	782.1	826.3	871.6	916.4	955.0	993.3	1027.8	1061.4
-52.5°	618.3	648.7	678.5	708.2	744.1	779.1	812.2	841.9	869.1	892.7	917.5
-55°	554.3	592.6	630.6	657.1	679.8	701.8	723.5	748.1	769.7	788.2	805.6
-57.5°	467.4	513.8	556.1	587.1	616.5	644.1	663.3	677.4	691.1	704.1	715.9
-60°	375.1	409.9	450.4	490.2	526.9	560.2	581.7	599.9	615.3	628.3	639.7
-62.5°	289.9	319.7	352.8	384.9	414.5	443.7	472.2	497.0	518.3	536.3	551.1
-65°	211.2	237.2	265.4	292.6	318.6	344.3	368.0	389.5	408.9	426.3	442.3
-67.5°	150.3	169.4	189.9	208.3	229.1	251.6	273.8	293.7	311.5	325.4	335.9
-70°	110.6	121.4	134.8	150.6	167.8	184.0	200.0	215.4	230.0	242.6	253.9
-72.5°	78.5	89.8	100.5	110.5	121.1	131.7	142.6	153.9	165.5	175.1	183.5
-75°	43.0	48.6	57.7	66.5	75.0	83.2	90.4	96.8	102.3	106.9	110.8
-77.5°	30.6	34.2	38.0	41.7	45.2	49.5	54.0	58.5	63.0	66.6	69.9
-80°	23.6	25.7	27.9	30.3	32.7	35.7	38.7	41.8	44.8	47.0	49.0
-82.5°	17.3	18.8	20.3	21.8	23.3	25.2	27.0	28.8	30.6	31.9	33.1
-85°	12.4	13.3	14.4	15.5	16.6	18.2	19.9	21.5	23.2	24.3	25.3
-87.5°	9.5	10.1	10.7	11.2	11.8	13.2	14.7	16.1	17.6	18.2	18.7
-90°	5.9	5.9	5.9	5.9	5.9	5.4	4.9	4.4	3.9	3.4	3.0



REPORT NUMBER: P1305703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	18.7	19.7	19.7	19.7	19.7	19.7	18.7	17.7	16.7	15.7	14.7
87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	4.4
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	4.4
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	4.4
80°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	3.9	4.5
77.5°	3.8	3.9	3.0	2.0	3.0	3.9	3.8	3.8	3.8	4.0	4.5
75°	4.4	3.9	3.0	2.0	3.0	3.9	4.4	4.9	5.3	5.6	5.9
72.5°	6.3	5.9	5.9	5.9	5.9	5.9	6.3	6.8	7.2	7.6	8.3
70°	7.0	6.0	5.9	5.9	5.9	6.0	7.0	8.0	8.8	9.6	10.5
67.5°	9.6	9.7	9.8	9.8	9.8	9.7	9.6	9.6	9.7	10.3	11.3
65°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.4	11.5
62.5°	8.1	8.0	7.9	7.9	7.9	8.0	8.1	8.2	8.4	9.4	10.7
60°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.5	9.5
57.5°	6.1	6.0	5.9	5.9	5.9	6.0	6.1	6.3	6.6	7.4	8.3
55°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.5	7.1
52.5°	6.7	6.1	5.9	5.9	5.9	6.1	6.7	7.0	7.2	7.4	7.6
50°	8.5	8.0	7.9	7.9	7.9	8.0	8.5	8.9	9.2	9.4	9.5
47.5°	10.5	10.0	9.8	9.8	9.8	10.0	10.5	10.9	11.2	11.4	11.5
45°	13.4	12.4	11.8	11.8	11.8	12.4	13.4	14.0	14.3	14.1	13.5
42.5°	20.4	19.9	19.5	19.7	19.5	19.9	20.4	20.5	20.5	19.9	19.0
40°	37.4	38.4	38.8	39.3	38.8	38.4	37.4	35.6	34.9	30.7	29.2
37.5°	76.6	75.2	71.8	72.8	71.8	75.2	76.6	73.3	67.2	59.3	56.5
35°	142.3	150.8	156.9	161.3	156.9	150.8	142.3	134.3	122.1	104.6	99.9
32.5°	285.0	296.7	293.3	287.1	293.3	296.7	285.0	269.7	228.4	192.4	179.1
30°	654.2	688.4	679.2	639.1	679.2	688.4	654.2	594.8	494.2	420.3	342.9
27.5°	1179.4	1261.9	1315.7	1288.1	1315.7	1261.9	1179.4	1090.5	966.6	798.0	621.4
25°	2005.2	2165.4	2280.1	2232.1	2280.1	2165.4	2005.2	1773.9	1505.9	1317.9	1067.6
22.5°	3565.3	3828.5	3984.7	4025.6	3984.7	3828.5	3565.3	3074.3	2682.7	2208.8	1837.7
20°	6704.2	6914.0	6955.6	6851.7	6955.6	6914.0	6704.2	5769.2	5025.9	4134.3	3345.3
17.5°	16131.0	17099.8	16389.6	15644.4	16389.6	17099.8	16131.0	12750.2	11585.7	9061.0	6998.2
15°	36900.4	40991.9	43322.7	43798.3	43322.7	40991.9	36900.4	31847.4	25875.8	20355.1	15292.1
12.5°	65020.7	71614.3	74335.4	74081.2	74335.4	71614.3	65020.7	57877.6	46607.8	36847.4	27750.2
10°	98369.8	105419.1	111484.6	111546.0	111484.6	105419.1	98369.8	89155.6	74791.3	58231.3	42030.7
7.5°	131711.2	139841.0	145547.2	147175.0	145547.2	139841.0	131711.2	119582.8	102109.0	81615.8	60459.3
5°	160899.5	170964.6	176629.6	178359.5	176629.6	170964.6	160899.5	146102.8	126952.4	104213.6	77468.1
2.5°	186561.8	198892.0	205105.1	206071.1	205105.1	198892.0	186561.8	169270.4	147373.1	122154.6	89874.0
0°	193622.4	204613.8	212660.2	215524.5	212660.2	204613.8	193622.4	177157.9	155758.3	127733.2	95585.0
-2.5°	186661.7	196277.9	201073.6	203073.9	201073.6	196277.9	186661.7	171129.2	150393.4	125129.0	93131.8
-5°	175659.0	184633.2	190740.8	192155.3	190740.8	184633.2	175659.0	162631.9	141557.0	116286.7	86591.4
-7.5°	148246.7	157079.8	159824.1	162935.4	159824.1	157079.8	148246.7	137828.5	122032.6	99145.5	72835.4
-10°	123863.0	130734.5	132624.5	134828.7	132624.5	130734.5	123863.0	112794.6	98142.7	79071.6	57553.1
-12.5°	102486.1	109292.5	112373.9	115011.1	112373.9	109292.5	102486.1	90166.7	75200.6	59523.9	45652.6
-15°	75084.9	81482.2	83691.9	85118.7	83691.9	81482.2	75084.9	65150.2	54066.2	43791.3	34678.1
-17.5°	54390.2	59262.3	62157.6	63836.1	62157.6	59262.3	54390.2	46743.3	40396.0	33701.2	27915.7
-20°	40656.5	43448.6	45691.3	45938.0	45691.3	43448.6	40656.5	36482.8	31734.6	27160.5	22974.8



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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°	30390.0	32053.1	33085.6	33023.3	33085.6	32053.1	30390.0	27851.6	24821.8	21805.1	18708.4
-25°	22682.6	23800.7	24511.8	24639.6	24511.8	23800.7	22682.6	21146.6	19132.5	17198.5	15048.1
-27.5°	17261.5	18048.7	18456.5	18478.2	18456.5	18048.7	17261.5	16245.9	14827.3	13599.8	12042.6
-30°	13373.4	14029.0	14463.9	14796.8	14463.9	14029.0	13373.4	12726.1	11834.2	10768.5	9488.2
-32.5°	10502.9	11062.6	11442.0	11667.9	11442.0	11062.6	10502.9	9906.3	9196.3	8309.9	7235.9
-35°	7874.0	8322.2	8590.4	8523.3	8590.4	8322.2	7874.0	7362.1	6774.2	6043.0	5152.7
-37.5°	5548.5	5928.4	6198.7	6369.8	6198.7	5928.4	5548.5	5088.8	4566.8	3898.2	3296.8
-40°	3496.1	3758.8	3945.8	4065.0	3945.8	3758.8	3496.1	3157.9	2767.1	2295.0	1955.0
-42.5°	1991.1	2089.4	2155.5	2190.8	2155.5	2089.4	1991.1	1859.5	1698.0	1499.5	1343.1
-45°	1377.1	1401.6	1419.4	1429.7	1419.4	1401.6	1377.1	1346.8	1307.5	1260.5	1208.3
-47.5°	1230.6	1250.7	1263.8	1270.4	1263.8	1250.7	1230.6	1204.1	1170.3	1132.4	1092.8
-50°	1091.7	1116.4	1131.3	1136.7	1131.3	1116.4	1091.7	1061.4	1027.8	993.3	955.0
-52.5°	940.7	960.7	974.1	981.3	974.1	960.7	940.7	917.5	892.7	869.1	841.9
-55°	820.8	833.6	840.2	841.7	840.2	833.6	820.8	805.6	788.2	769.7	748.1
-57.5°	726.0	734.2	740.7	745.3	740.7	734.2	726.0	715.9	704.1	691.1	677.4
-60°	649.0	656.1	659.8	660.8	659.8	656.1	649.0	639.7	628.3	615.3	599.9
-62.5°	562.6	571.1	577.6	582.1	577.6	571.1	562.6	551.1	536.3	518.3	497.0
-65°	456.9	469.7	476.4	479.9	476.4	469.7	456.9	442.3	426.3	408.9	389.5
-67.5°	344.3	350.8	352.4	352.0	352.4	350.8	344.3	335.9	325.4	311.5	293.7
-70°	264.4	274.1	277.6	279.3	277.6	274.1	264.4	253.9	242.6	230.0	215.4
-72.5°	191.2	198.0	201.9	204.5	201.9	198.0	191.2	183.5	175.1	165.5	153.9
-75°	114.1	116.9	118.7	120.0	118.7	116.9	114.1	110.8	106.9	102.3	96.8
-77.5°	73.1	76.1	77.6	78.7	77.6	76.1	73.1	69.9	66.6	63.0	58.5
-80°	51.0	52.8	53.0	53.1	53.0	52.8	51.0	49.0	47.0	44.8	41.8
-82.5°	34.2	35.3	35.4	35.4	35.4	35.3	34.2	33.1	31.9	30.6	28.8
-85°	26.4	27.4	27.5	27.5	27.5	27.4	26.4	25.3	24.3	23.2	21.5
-87.5°	19.2	19.7	20.6	21.6	20.6	19.7	19.2	18.7	18.2	17.6	16.1
-90°	2.5	2.0	1.0	0.0	1.0	2.0	2.5	3.0	3.4	3.9	4.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.7	12.8	11.8	10.8	9.8	8.9	7.9	7.9	7.9	7.9	7.9
87.5°	4.9	5.4	5.9	5.9	5.9	5.9	5.9	6.4	6.9	7.4	7.9
85°	4.9	5.4	5.9	6.3	6.6	6.9	7.2	7.3	7.4	7.6	7.9
82.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	7.9	7.9	7.9	7.9
80°	5.0	5.5	6.0	6.5	7.0	7.5	7.9	7.9	7.9	7.9	7.9
77.5°	5.0	5.5	6.0	6.5	7.0	7.5	7.9	7.9	7.9	7.9	7.9
75°	6.3	6.6	7.0	7.4	7.6	7.7	8.1	8.4	8.6	8.5	8.3
72.5°	8.8	9.2	9.7	10.3	10.6	10.9	10.9	10.7	10.4	10.1	9.6
70°	11.3	12.1	13.5	15.2	16.3	16.8	16.1	15.0	13.7	13.0	12.0
67.5°	12.4	13.5	16.0	18.8	20.8	22.4	22.4	21.3	19.7	18.1	15.4
65°	12.6	13.6	17.3	21.1	24.4	27.1	29.0	29.1	27.9	25.0	20.2
62.5°	12.2	13.6	16.6	20.1	24.4	30.3	36.3	38.5	38.3	33.8	27.2
60°	10.6	12.1	14.5	17.4	20.9	29.0	39.0	46.5	51.0	43.8	34.2
57.5°	9.2	10.3	11.8	14.0	16.8	25.9	37.8	51.2	59.7	50.0	40.8
55°	7.7	8.6	9.7	10.8	12.6	21.1	32.3	45.4	55.1	52.1	42.1
52.5°	7.8	8.4	8.9	9.5	11.3	16.2	23.7	36.1	43.3	42.7	39.5
50°	9.6	9.3	9.3	9.6	10.8	12.5	17.3	25.8	29.8	32.8	32.6
47.5°	11.5	11.1	10.2	9.9	11.0	12.2	14.1	16.4	21.1	22.8	24.9
45°	13.8	13.8	13.3	12.6	12.0	12.6	13.7	15.5	16.7	18.7	18.0
42.5°	19.0	17.8	16.7	17.4	16.4	15.2	15.1	16.9	17.3	17.7	19.0
40°	29.6	26.2	25.0	24.6	23.7	20.7	21.2	20.6	20.4	19.2	22.3
37.5°	51.2	44.7	41.2	36.0	34.1	32.1	30.4	28.7	26.0	26.7	28.3
35°	88.8	79.6	69.5	58.7	48.3	47.1	42.9	39.0	37.0	37.1	36.8
32.5°	142.2	143.3	119.1	98.7	81.4	69.5	60.7	51.9	54.2	52.3	48.1
30°	285.4	265.5	226.2	176.1	148.9	109.6	84.9	79.1	75.4	71.5	61.8
27.5°	552.6	463.0	403.7	354.8	261.1	190.1	138.0	113.0	101.2	93.4	85.1
25°	947.4	783.5	705.8	619.1	480.7	346.6	237.4	167.8	136.1	122.4	140.8
22.5°	1507.1	1389.0	1145.8	959.8	857.0	687.3	454.0	233.6	190.9	204.2	206.4
20°	2726.0	2490.7	1953.8	1741.4	1510.3	1132.0	765.1	481.4	356.5	309.0	281.7
17.5°	5935.3	4447.4	3917.4	3352.9	2602.5	1832.3	1497.1	995.8	572.1	430.6	365.9
15°	11261.0	8926.2	7323.7	5883.3	4522.2	3623.5	2686.4	1646.9	897.6	601.1	486.8
12.5°	20709.9	15386.4	11448.6	9386.6	7673.2	6065.7	4355.1	2682.1	1444.6	861.6	669.3
10°	31169.9	23279.4	17429.4	13767.8	11181.1	8833.1	6229.7	3812.0	2063.8	1156.6	856.0
7.5°	43501.7	32149.7	23794.5	17990.5	14246.4	11061.5	7908.6	4948.9	2689.6	1457.6	1044.0
5°	54204.0	39512.5	28608.2	21293.3	16830.8	13200.6	9517.3	6053.8	3296.2	1755.4	1230.0
2.5°	61716.0	45029.3	32622.5	24277.0	19028.6	14874.4	10770.8	6867.0	3694.7	1961.5	1341.3
0°	65602.1	48488.7	34974.2	25371.2	19933.5	15424.1	11488.9	7353.1	3935.2	2127.9	1443.5
-2.5°	64530.2	47660.2	34685.1	25583.0	20082.0	15471.9	11348.3	7424.7	4032.7	2178.9	1452.4
-5°	59713.7	43149.7	31326.8	23295.3	18469.1	14404.6	10631.9	7075.7	3948.2	2166.1	1452.2
-7.5°	51907.8	37669.9	27382.3	20589.9	16389.2	12850.9	9514.7	6323.2	3599.1	1995.4	1376.0
-10°	42435.5	31647.6	23582.7	18225.4	14424.0	11230.9	8295.4	5486.4	3161.3	1798.6	1292.8
-12.5°	34366.1	26167.0	19814.9	15759.9	12585.6	9808.0	7139.3	4624.6	2640.1	1580.0	1204.0
-15°	27084.4	21572.4	17262.7	13736.3	10798.0	8374.2	6030.6	3769.2	2084.0	1352.5	1110.8
-17.5°	22708.4	18085.8	14793.1	11879.0	9313.4	7032.9	4975.1	3080.9	1729.5	1184.7	1033.1
-20°	19063.4	15774.1	12772.4	10157.9	7873.8	5804.5	3903.1	2342.8	1450.0	1096.9	968.7



REPORT NUMBER: P1305703 (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°	16141.0	13589.7	10943.7	8489.1	6409.7	4599.1	2978.9	1716.2	1141.5	1007.7	900.6
-25°	13238.4	11344.8	9133.3	7049.1	5061.4	3370.8	2086.0	1384.9	1053.3	924.8	829.0
-27.5°	10558.2	8963.9	7447.2	5578.0	3814.9	2417.0	1534.2	1102.1	981.9	868.2	758.7
-30°	8144.0	6913.6	5591.9	4092.2	2717.0	1678.2	1169.9	1024.9	918.7	813.8	709.2
-32.5°	6065.9	5001.4	3828.6	2744.5	1786.5	1260.7	1067.0	952.5	857.2	760.9	676.8
-35°	4194.6	3306.3	2380.3	1744.7	1261.1	1107.8	1002.8	900.0	798.1	711.8	646.0
-37.5°	2603.2	1962.1	1571.6	1221.4	1130.6	1040.2	948.0	843.8	743.6	675.1	617.9
-40°	1651.2	1313.0	1215.3	1131.2	1056.5	983.3	879.9	778.9	707.1	639.9	590.4
-42.5°	1267.2	1190.6	1121.6	1056.8	983.6	892.6	805.2	736.7	671.2	613.0	571.0
-45°	1153.1	1096.1	1038.7	962.9	879.9	813.7	756.2	694.9	636.6	592.4	554.2
-47.5°	1042.8	982.9	919.0	862.9	805.9	752.2	703.4	652.8	611.6	571.3	517.3
-50°	916.4	871.6	826.3	782.1	737.7	692.4	656.3	624.8	579.9	527.8	471.1
-52.5°	812.2	779.1	744.1	708.2	678.5	648.7	618.3	576.0	529.3	470.0	407.7
-55°	723.5	701.8	679.8	657.1	630.6	592.6	554.3	509.9	456.6	398.5	343.5
-57.5°	663.3	644.1	616.5	587.1	556.1	513.8	467.4	421.4	379.1	329.3	279.0
-60°	581.7	560.2	526.9	490.2	450.4	409.9	375.1	339.0	301.8	260.5	217.8
-62.5°	472.2	443.7	414.5	384.9	352.8	319.7	289.9	259.8	227.2	192.3	163.1
-65°	368.0	344.3	318.6	292.6	265.4	237.2	211.2	187.2	164.3	139.7	115.5
-67.5°	273.8	251.6	229.1	208.3	189.9	169.4	150.3	130.4	116.0	103.6	90.8
-70°	200.0	184.0	167.8	150.6	134.8	121.4	110.6	100.2	89.2	76.6	63.9
-72.5°	142.6	131.7	121.1	110.5	100.5	89.8	78.5	67.4	56.3	45.4	37.5
-75°	90.4	83.2	75.0	66.5	57.7	48.6	43.0	39.2	35.5	31.8	28.2
-77.5°	54.0	49.5	45.2	41.7	38.0	34.2	30.6	27.9	26.1	24.3	22.6
-80°	38.7	35.7	32.7	30.3	27.9	25.7	23.6	22.3	21.0	19.7	18.6
-82.5°	27.0	25.2	23.3	21.8	20.3	18.8	17.3	16.5	15.8	15.1	14.4
-85°	19.9	18.2	16.6	15.5	14.4	13.3	12.4	12.1	11.9	11.7	11.4
-87.5°	14.7	13.2	11.8	11.2	10.7	10.1	9.5	9.4	9.4	9.3	9.2
-90°	4.9	5.4	5.9	5.9	5.9	5.9	5.9	6.4	6.9	7.4	7.9



REPORT NUMBER: P1305703 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.9	7.9	7.9	7.9	8.4	8.9	9.3	9.8	9.3	8.9	8.4
87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.1	8.2	8.3
85°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.3	8.6	8.8
82.5°	7.9	7.9	7.9	7.9	8.2	8.4	8.5	8.4	8.6	8.9	9.2
80°	7.9	7.9	7.9	8.0	8.5	8.9	9.2	9.2	9.1	9.2	9.5
77.5°	7.9	7.9	7.9	8.0	8.5	9.0	9.4	9.8	9.7	9.5	9.6
75°	8.0	7.9	7.9	8.1	8.5	9.0	9.5	9.8	9.8	9.8	9.7
72.5°	9.2	8.8	8.3	8.1	8.6	9.1	9.5	9.8	9.8	9.8	9.8
70°	10.9	10.0	9.4	9.0	8.9	9.1	9.6	9.8	9.8	9.8	9.8
67.5°	12.8	11.6	10.6	9.9	9.5	9.5	9.7	9.8	9.8	9.8	9.8
65°	17.1	14.2	11.7	10.7	10.0	9.7	9.8	9.8	9.8	9.8	9.8
62.5°	21.8	17.8	14.7	11.9	10.5	9.9	9.8	9.8	9.8	9.8	9.8
60°	26.8	21.4	17.6	14.5	11.7	10.0	9.8	9.8	9.8	9.8	9.8
57.5°	31.4	24.4	20.1	16.7	13.7	11.0	9.8	9.8	9.8	9.8	9.8
55°	34.2	26.9	22.2	18.3	15.3	12.6	10.3	9.8	9.8	9.8	9.8
52.5°	32.6	28.0	23.8	19.5	16.2	13.9	11.6	9.8	9.8	9.8	9.8
50°	28.6	27.5	24.5	20.4	16.7	14.5	12.8	10.7	9.8	9.8	9.9
47.5°	25.9	26.3	24.5	20.8	16.9	15.1	13.5	11.6	9.8	9.8	10.1
45°	22.8	25.0	24.3	21.2	17.4	15.7	14.1	12.3	10.4	9.9	10.2
42.5°	20.5	23.7	23.9	21.9	18.9	16.3	14.6	12.8	11.0	10.0	10.4
40°	23.3	23.2	23.9	23.4	20.8	16.8	15.0	13.2	11.5	10.3	10.5
37.5°	27.8	26.0	24.7	27.4	23.4	18.7	15.4	13.6	12.1	10.9	10.6
35°	35.2	31.5	30.6	33.0	28.6	20.8	15.8	14.0	13.0	11.5	10.7
32.5°	44.3	41.7	41.1	39.9	35.6	23.0	17.1	15.4	14.1	12.0	10.9
30°	59.0	60.7	53.3	48.2	43.6	29.4	19.9	17.0	15.4	12.5	11.1
27.5°	91.2	85.2	68.5	59.4	51.6	37.9	24.4	18.9	16.8	13.2	11.5
25°	133.9	117.8	92.6	72.2	60.6	59.1	29.5	21.1	18.3	14.3	11.9
22.5°	189.4	157.7	120.5	85.8	92.5	86.9	41.0	25.3	20.0	15.5	12.3
20°	252.9	203.5	159.1	132.6	129.8	114.9	61.3	29.7	21.8	16.7	12.7
17.5°	323.0	280.8	241.3	193.2	169.4	146.0	85.0	34.3	23.7	17.9	13.0
15°	448.4	396.9	330.8	259.1	210.9	179.5	111.3	39.0	25.6	19.2	13.6
12.5°	591.9	518.8	425.1	328.8	253.6	214.8	139.4	43.8	27.6	21.0	14.6
10°	739.4	644.7	522.5	401.0	297.1	251.2	168.3	50.0	31.6	23.2	15.6
7.5°	888.9	772.2	621.0	473.9	341.5	290.0	200.3	59.4	36.1	25.4	16.7
5°	1028.5	884.3	704.0	536.8	388.8	330.6	231.5	68.8	40.6	27.6	17.7
2.5°	1123.8	969.5	773.6	594.3	435.1	369.9	260.1	77.9	45.0	29.6	18.7
0°	1213.4	1048.2	837.8	647.0	479.9	407.1	285.2	86.5	49.2	31.5	19.7
-2.5°	1229.9	1061.6	846.7	660.3	498.3	421.4	294.8	102.1	59.6	37.1	22.4
-5°	1239.6	1066.8	849.8	669.0	514.4	432.4	300.2	116.7	69.4	42.4	25.0
-7.5°	1191.1	1032.5	833.7	670.2	528.0	439.8	302.0	130.0	78.4	47.2	27.4
-10°	1126.1	972.3	792.1	645.5	523.9	438.7	300.2	141.6	86.4	51.5	29.6
-12.5°	1058.0	907.7	749.0	619.4	516.1	430.7	294.7	151.9	93.2	55.0	31.5
-15°	987.6	839.8	705.6	592.9	507.9	421.2	287.3	160.4	99.8	58.4	33.0
-17.5°	918.7	769.5	663.1	566.8	499.7	410.7	278.5	166.8	104.8	61.5	34.5
-20°	852.5	716.2	623.5	542.0	492.0	399.5	268.9	170.7	108.1	63.5	36.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	785.9	679.4	597.5	528.2	480.7	388.1	258.7	172.2	109.6	64.2	37.1
-25°	721.5	643.8	573.2	518.8	464.0	371.3	253.7	171.1	109.0	63.6	37.6
-27.5°	675.6	611.3	549.5	508.3	444.3	355.6	251.3	170.0	107.1	61.4	37.5
-30°	638.7	584.7	534.5	493.6	424.0	332.3	245.4	166.4	104.6	60.1	36.8
-32.5°	612.1	559.7	520.7	470.2	397.9	307.4	231.0	159.9	100.0	59.2	35.9
-35°	590.4	542.9	505.0	446.8	368.3	285.7	212.4	150.6	93.3	57.4	34.5
-37.5°	567.4	529.5	479.6	418.7	337.5	261.6	193.8	135.7	84.5	54.8	32.4
-40°	552.3	510.0	455.2	383.9	307.7	235.1	173.0	120.7	78.8	51.3	29.6
-42.5°	535.0	481.4	418.6	347.6	276.3	209.9	150.7	104.7	72.3	47.3	26.2
-45°	501.8	444.7	375.5	308.7	243.1	182.3	131.8	88.9	64.8	42.6	23.2
-47.5°	461.9	395.1	330.2	267.4	209.9	154.6	111.8	79.5	56.5	37.0	21.2
-50°	405.3	343.1	282.7	227.2	173.9	131.4	93.1	69.1	48.3	29.9	18.9
-52.5°	347.3	289.1	236.6	186.8	144.7	107.2	80.5	58.1	39.6	25.1	16.2
-55°	287.9	237.9	191.8	151.6	116.0	89.4	66.8	47.6	30.4	21.5	13.6
-57.5°	232.8	188.6	152.5	118.7	93.7	73.0	53.6	36.6	25.1	17.7	13.8
-60°	178.8	146.7	115.2	94.5	75.8	57.3	40.5	27.4	20.9	14.7	13.8
-62.5°	134.0	108.2	91.9	75.1	58.4	42.4	28.6	22.9	16.7	14.5	13.8
-65°	101.2	86.4	71.2	56.1	41.3	29.6	23.7	18.3	15.4	14.2	13.6
-67.5°	77.7	63.7	50.1	36.8	29.5	24.0	18.8	16.1	14.7	13.8	13.1
-70°	51.7	39.8	33.0	28.0	23.1	18.8	16.7	14.9	13.8	13.2	12.5
-72.5°	33.5	29.4	25.1	21.0	19.1	17.1	15.1	13.6	13.1	12.5	12.0
-75°	24.6	22.4	20.6	19.0	17.1	15.3	13.8	12.8	12.3	11.9	11.4
-77.5°	21.0	19.5	18.2	16.6	14.9	13.6	12.6	12.0	11.6	11.2	10.8
-80°	17.3	16.0	14.7	13.4	12.5	11.8	11.5	11.2	10.8	10.5	10.2
-82.5°	13.4	12.5	11.8	11.2	11.0	10.8	10.6	10.3	10.1	9.8	9.7
-85°	11.0	10.6	10.3	10.1	9.9	9.8	9.8	9.8	9.7	9.5	9.2
-87.5°	9.2	9.1	9.1	9.0	9.1	9.3	9.5	9.8	9.5	9.2	8.8
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	8.4	8.9	9.3	9.8	8.8	7.9
87.5°	8.4	8.3	8.2	8.1	8.1	8.0	7.9
85°	8.9	8.7	8.6	8.4	8.2	8.1	7.9
82.5°	9.4	9.1	8.9	8.6	8.4	8.1	7.9
80°	9.8	9.5	9.2	8.9	8.6	8.2	7.9
77.5°	9.8	9.8	9.5	9.1	8.7	8.3	7.9
75°	9.8	9.8	9.8	9.4	8.9	8.4	7.9
72.5°	9.8	9.8	9.8	9.6	9.0	8.5	7.9
70°	9.8	9.8	9.8	9.8	9.2	8.5	7.9
67.5°	9.8	9.8	9.8	9.8	9.4	8.6	7.9
65°	9.8	9.8	9.8	9.8	9.5	8.7	7.9
62.5°	9.8	9.8	9.8	9.8	9.7	8.8	7.9
60°	9.8	9.8	9.8	9.8	9.8	8.8	7.9
57.5°	9.8	9.8	9.8	9.8	9.8	8.9	7.9
55°	9.8	9.8	9.8	9.8	9.8	9.0	7.9
52.5°	9.8	9.8	9.8	9.8	9.8	9.1	7.9
50°	9.8	9.8	9.8	9.8	9.8	9.1	7.9
47.5°	9.8	9.8	9.8	9.8	9.8	9.2	7.9
45°	10.0	9.8	9.8	9.8	9.8	9.2	7.9
42.5°	10.2	9.8	9.8	9.8	9.8	9.3	7.9
40°	10.4	9.8	9.8	9.8	9.8	9.4	7.9
37.5°	10.6	9.8	9.8	9.8	9.8	9.4	7.9
35°	10.9	9.9	9.8	9.8	9.8	9.5	7.9
32.5°	11.2	10.1	9.8	9.8	9.8	9.5	7.9
30°	11.3	10.4	9.8	9.8	9.8	9.5	7.9
27.5°	11.4	10.6	9.8	9.8	9.8	9.6	7.9
25°	11.5	10.8	9.8	9.8	9.8	9.6	7.9
22.5°	11.6	11.0	9.8	9.8	9.8	9.7	7.9
20°	11.8	11.2	9.8	9.8	9.8	9.7	7.9
17.5°	11.9	11.3	9.8	9.8	9.8	9.7	7.9
15°	12.1	11.5	9.8	9.8	9.8	9.7	7.9
12.5°	12.4	11.6	9.8	9.8	9.8	9.8	7.9
10°	12.6	11.6	9.8	9.8	9.8	9.8	7.9
7.5°	12.9	11.7	9.8	9.8	9.8	9.8	7.9
5°	13.2	11.8	9.8	9.8	9.8	9.8	7.9
2.5°	13.5	11.8	9.8	9.8	9.8	9.8	7.9
0°	13.8	11.8	9.8	9.8	9.8	9.8	7.9
-2.5°	15.1	12.0	9.8	9.8	9.8	9.8	7.9
-5°	16.3	12.2	9.8	9.8	9.8	9.8	7.9
-7.5°	17.5	12.3	9.8	9.8	9.8	9.8	7.9
-10°	18.4	12.5	9.8	9.8	9.8	9.8	7.9
-12.5°	19.3	12.5	9.8	9.8	9.8	9.8	7.9
-15°	19.9	12.5	9.8	9.8	9.8	9.7	7.9
-17.5°	20.2	12.5	9.8	9.8	9.8	9.7	7.9
-20°	20.6	12.4	9.8	9.8	9.8	9.7	7.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.0	12.2	9.8	9.8	9.8	9.7	7.9
-25°	21.1	12.2	9.8	9.8	9.8	9.7	7.9
-27.5°	20.8	12.2	9.8	9.8	9.8	9.6	7.9
-30°	20.0	12.0	9.8	9.8	9.8	9.6	7.9
-32.5°	18.8	11.7	10.0	9.8	9.8	9.6	7.9
-35°	18.1	11.2	10.1	9.8	9.8	9.6	7.9
-37.5°	17.5	10.9	10.3	9.8	9.8	9.5	7.9
-40°	16.7	11.0	10.4	9.8	9.8	9.5	7.9
-42.5°	15.5	11.2	10.5	9.8	9.8	9.5	7.9
-45°	14.2	11.4	10.6	9.9	9.8	9.4	7.9
-47.5°	12.6	11.5	10.6	9.9	9.8	9.4	7.9
-50°	12.4	11.7	10.6	9.9	9.8	9.4	7.9
-52.5°	12.6	11.8	10.6	10.0	9.8	9.4	7.9
-55°	12.8	11.8	10.6	10.0	9.8	9.3	7.9
-57.5°	12.9	11.7	10.6	10.0	9.8	9.3	7.9
-60°	13.0	11.5	10.5	9.9	9.8	9.3	7.9
-62.5°	12.7	11.4	10.5	9.9	9.8	9.2	7.9
-65°	12.4	11.2	10.4	9.9	9.8	9.2	7.9
-67.5°	12.1	11.0	10.2	9.9	9.8	9.2	7.9
-70°	11.7	10.7	10.1	9.8	9.8	9.1	7.9
-72.5°	11.3	10.5	10.0	9.8	9.8	9.1	7.9
-75°	10.8	10.2	9.8	9.7	9.8	9.1	7.9
-77.5°	10.3	9.9	9.7	9.6	9.8	9.0	7.9
-80°	9.9	9.6	9.5	9.6	9.8	9.0	7.9
-82.5°	9.4	9.3	9.4	9.5	9.8	9.0	7.9
-85°	8.9	9.0	9.2	9.5	9.8	8.9	7.9
-87.5°	8.4	8.7	9.0	9.4	9.8	8.9	7.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)