

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: P1305690 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

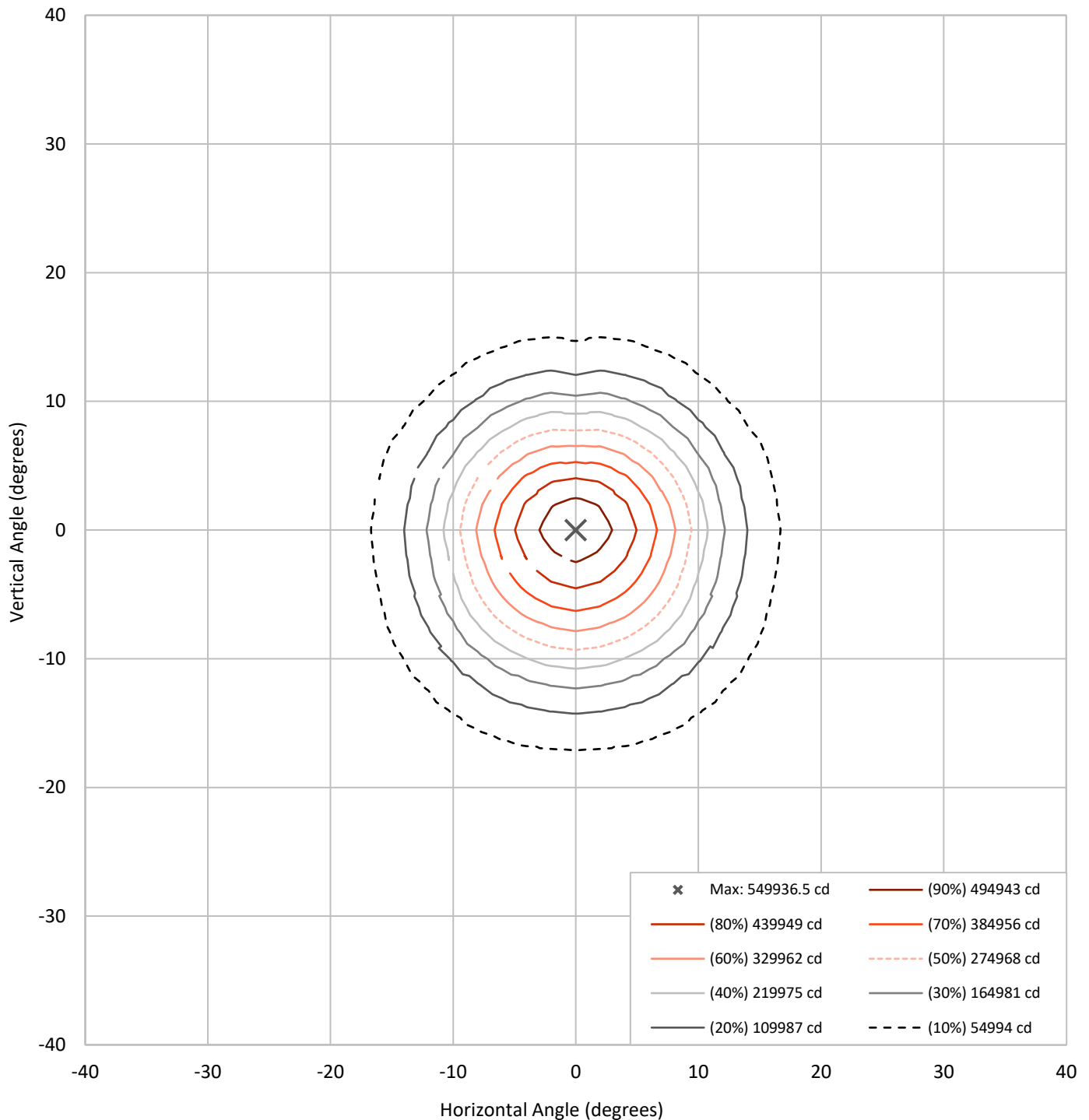
Test Method: LM-79-08
Report Number: P1305690 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	63403 lumens	Max Intensity:	549936.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	29204.9 lumens	Field Lumens:	53683 lumens
Beam Efficiency:	46.1%	Field Efficiency:	84.7%
Input Watts (W):	677		
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





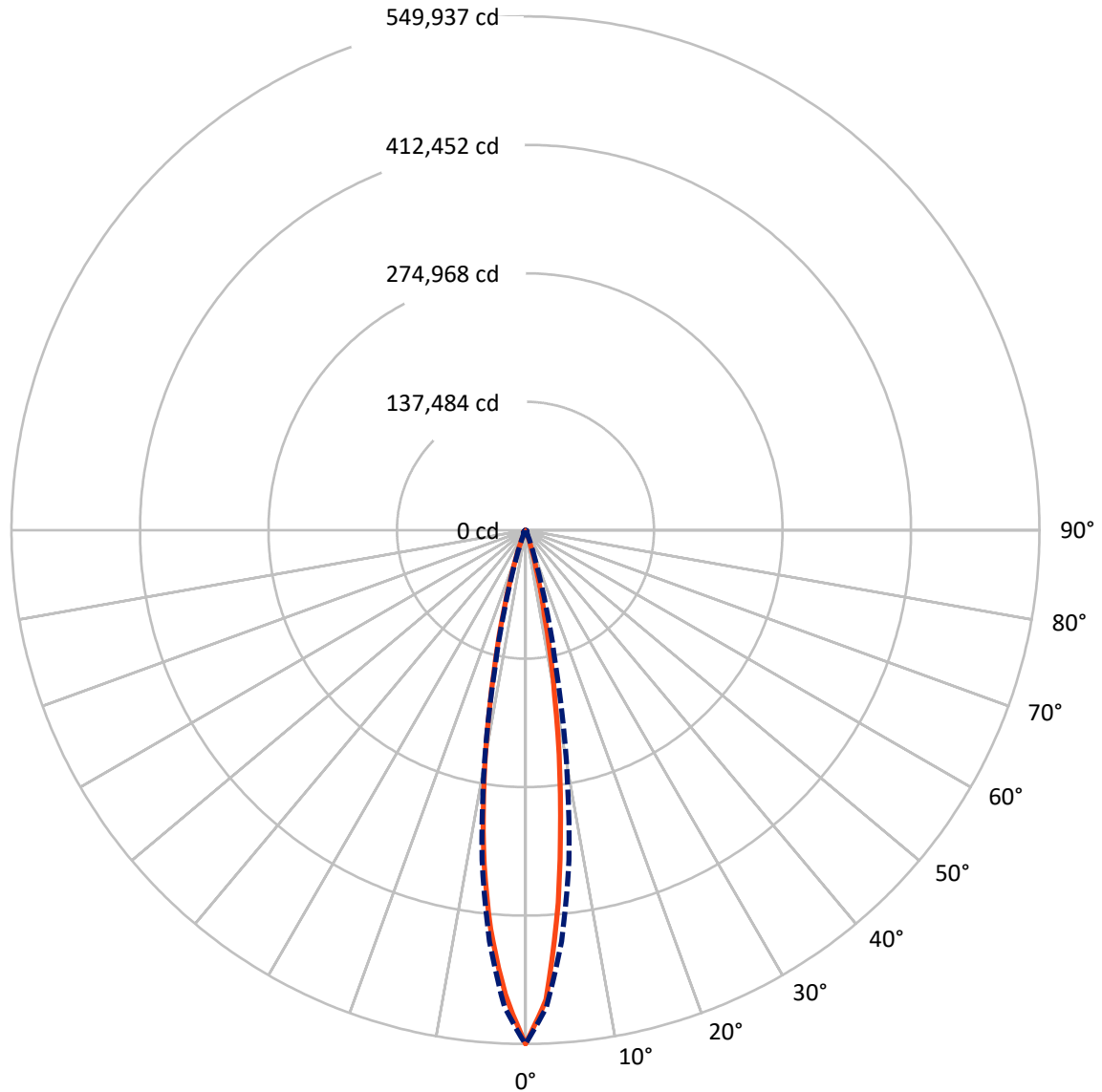
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Lumen Table

90	0.1	0.4		0.5		0.5		0.5		0.5		0.4		0.1		
80	0.1	0.4		0.5		0.5		0.5		0.5		0.4		0.1		
70	0.2	0.1	0.1	0.5	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.5	0.1	0.2	
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3		0.1
50	0.2	0.1	0.4	0.4	0.5	0.7	0.9	1.1	1.1	0.9	0.7	0.5	0.4	0.4	0.1	0.2
40		0.2	0.7	1.4	3.1	4.8	5.1	5.9	5.9	5.1	4.8	3.1	1.4	0.7	0.2	
30	0.2	0.4	2.2	7.7	20.5	24.9	32.9	61.4	61.4	32.9	24.9	20.5	7.7	2.2	0.4	0.2
20		0.7	4.9	20.0	43.6	61.3	418.7	1683.6	1683.6	418.7	61.3	43.6	20.0	4.9	0.7	
10	0.3	1.4	8.4	38.6	65.9	152.7	2187.6	9440.9	9440.9	2187.6	152.7	65.9	38.6	8.4	1.4	0.3
0		2.4	11.1	45.5	76.2	151.6	2373.3	10104.3	10104.3	2373.3	151.6	76.2	45.5	11.1	2.4	
-10	0.4	2.7	11.4	42.8	81.1	95.2	688.4	2606.7	2606.7	688.4	95.2	81.1	42.8	11.4	2.7	0.4
-20		2.6	10.0	23.7	61.8	76.7	93.5	172.9	172.9	93.5	76.7	61.8	23.7	10.0	2.6	
-30	0.4	2.2	7.5	13.9	34.4	65.3	78.1	81.0	81.0	78.1	65.3	34.4	13.9	7.5	2.2	0.4
-40		1.4	5.2	11.0	17.6	31.9	58.4	80.6	80.6	58.4	31.9	17.6	11.0	5.2	1.4	
-50	0.2	0.7	2.9	7.4	13.5	19.2	23.9	26.7	26.7	23.9	19.2	13.5	7.4	2.9	0.7	0.2
-60		0.3	1.0	3.4	7.2	11.7	16.4	19.3	19.3	16.4	11.7	7.2	3.4	1.0	0.3	
-70	0.2	0.7	2.9	7.4	13.5	19.2	23.9	26.7	26.7	23.9	19.2	13.5	7.4	2.9	0.7	0.2
-80		0.3	1.0	3.4	7.2	11.7	16.4	19.3	19.3	16.4	11.7	7.2	3.4	1.0	0.3	
-90	0.2	0.8		2.6		6.4		9.4		6.4		2.6		0.8		0.2

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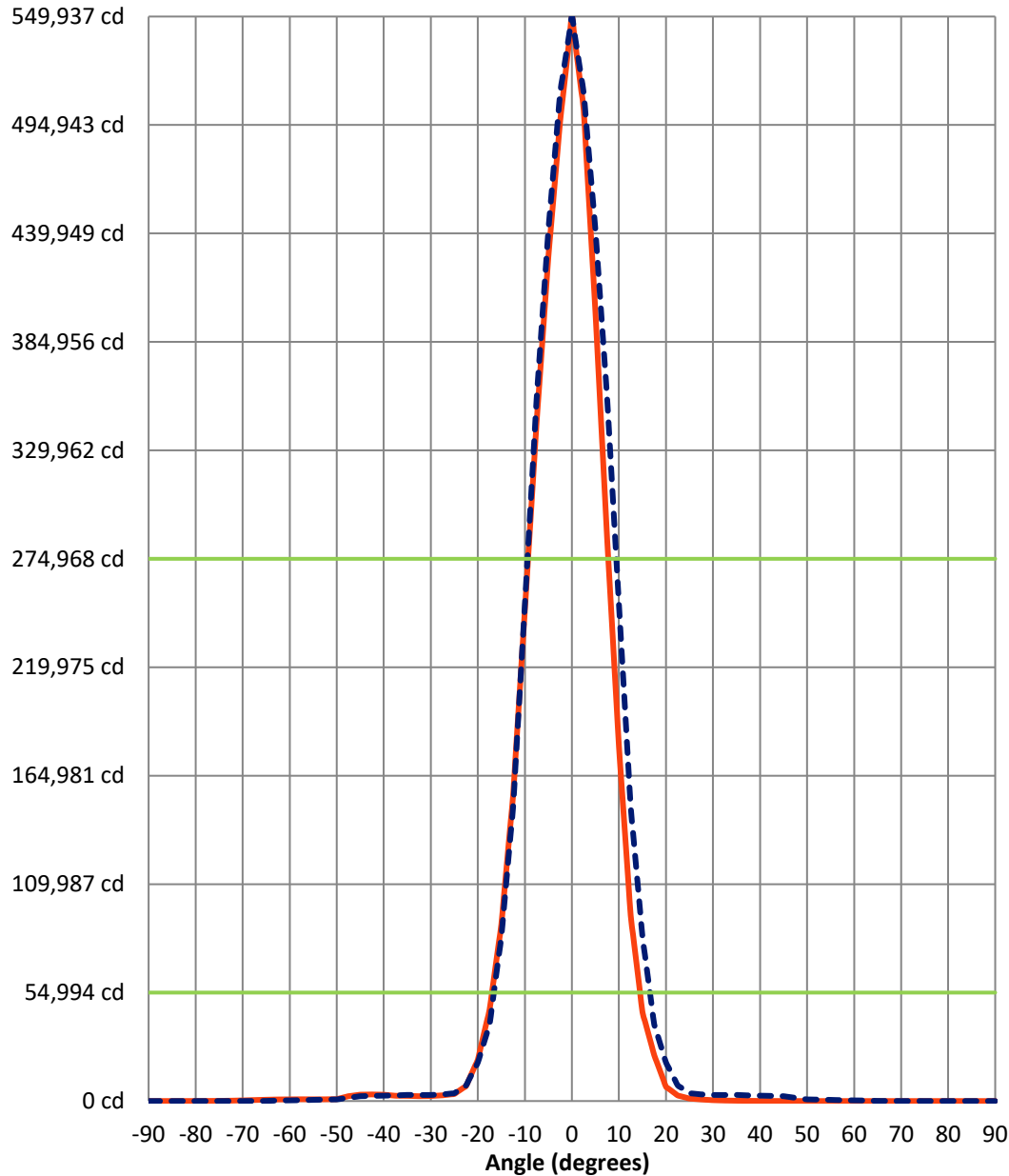
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 17.1°
 Lumens: 29204.9
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 31.5°
 Lumens: 53683
 Efficiency: 84.7%

Spill:
 Lumens: 9720
 Efficiency: 15.3%

— 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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.1	7.5	7.8	8.1
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.1	5.8	5.4
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.1	5.8	5.4
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.1	5.9	5.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.4	6.3	6.4
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.7	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9
67.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.0
65°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.8	7.1	7.2	7.1
62.5°	6.8	6.8	6.8	6.8	6.8	6.9	7.0	7.0	7.4	7.4	7.1
60°	6.8	6.8	6.8	6.8	6.8	7.1	7.0	7.4	7.7	7.5	7.2
57.5°	6.8	6.8	6.8	6.8	6.9	7.2	7.3	7.7	7.8	7.5	7.3
55°	6.8	6.8	6.8	6.8	7.1	7.3	7.5	8.1	7.9	7.6	7.3
52.5°	6.8	6.8	6.8	6.8	7.2	7.5	7.8	8.1	8.0	7.7	7.4
50°	6.8	6.8	6.8	6.8	7.3	7.6	8.0	8.1	8.0	7.8	8.3
47.5°	6.8	6.8	6.8	6.8	7.5	7.7	8.1	8.1	8.1	7.8	9.1
45°	6.8	6.8	6.8	6.9	7.6	7.9	8.1	8.1	8.1	8.4	9.8
42.5°	6.8	6.8	6.8	7.1	7.8	8.0	8.1	8.2	8.2	8.9	10.7
40°	6.8	6.8	6.8	7.2	7.9	8.0	8.1	8.3	8.5	9.3	11.5
37.5°	6.8	6.8	6.8	7.3	8.0	8.1	8.1	8.4	8.9	9.8	12.1
35°	6.8	6.8	6.8	7.4	8.0	8.1	8.1	8.6	9.2	10.8	12.5
32.5°	6.8	6.8	6.8	7.5	8.1	8.1	8.1	8.8	9.6	12.0	14.0
30°	6.8	6.8	6.8	7.6	8.1	8.1	8.3	9.0	10.0	13.3	15.8
27.5°	6.8	6.8	6.8	7.7	8.1	8.1	8.4	9.3	10.6	14.7	17.8
25°	6.8	6.8	6.8	7.7	8.1	8.1	8.6	9.6	11.7	16.3	20.2
22.5°	6.8	6.8	6.8	7.8	8.1	8.1	8.8	9.8	12.8	18.1	23.7
20°	6.8	6.8	6.8	7.9	8.1	8.2	9.0	10.1	14.0	20.0	27.1
17.5°	6.8	6.8	6.8	7.9	8.1	8.4	9.2	10.3	15.2	22.0	30.3
15°	6.8	6.8	6.8	8.0	8.1	8.5	9.5	10.6	16.4	24.1	33.4
12.5°	6.8	6.8	6.8	8.0	8.1	8.7	9.7	11.1	17.7	26.1	36.3
10°	6.8	6.8	6.8	8.0	8.1	8.8	10.0	11.6	19.0	28.6	40.6
7.5°	6.8	6.8	6.8	8.1	8.1	9.0	10.2	12.1	20.1	31.0	48.2
5°	6.8	6.8	6.8	8.1	8.1	9.2	10.4	12.6	21.2	33.5	56.2
2.5°	6.8	6.8	6.8	8.1	8.1	9.3	10.6	13.1	22.2	35.7	64.1
0°	6.8	6.8	6.8	8.1	8.1	9.5	10.8	13.5	23.0	37.8	71.6
-2.5°	6.8	6.8	6.9	8.1	8.2	9.6	11.5	16.2	29.0	49.1	90.7
-5°	6.8	6.8	6.9	8.1	8.3	9.8	12.2	18.9	34.8	59.8	108.7
-7.5°	6.8	6.8	7.0	8.1	8.5	9.9	12.8	21.3	40.0	69.8	125.1
-10°	6.8	6.8	7.0	8.1	8.6	10.0	13.4	23.4	44.7	78.7	139.4
-12.5°	6.8	6.8	7.1	8.0	8.7	10.1	13.8	25.2	48.6	86.5	150.7
-15°	6.8	6.8	7.1	8.0	8.7	10.1	14.1	26.5	52.9	94.7	159.5
-17.5°	6.8	6.8	7.2	8.0	8.8	10.2	14.3	28.5	57.9	101.5	166.1
-20°	6.8	6.8	7.2	8.0	8.8	10.2	14.8	30.7	61.6	106.8	170.5



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.8	6.8	7.2	8.0	8.8	10.3	15.7	32.2	64.0	110.5	172.5
-25°	6.8	6.8	7.2	8.0	8.8	10.5	16.2	32.7	64.9	112.4	171.9
-27.5°	6.8	6.8	7.3	8.0	8.8	10.8	16.3	32.2	64.4	112.9	173.4
-30°	6.8	6.8	7.3	8.0	8.8	11.0	16.0	30.7	63.4	112.2	172.7
-32.5°	6.8	6.8	7.3	8.0	8.8	11.2	15.2	29.9	61.7	109.3	169.7
-35°	6.8	6.8	7.3	8.0	8.9	11.2	15.0	29.0	58.4	104.2	164.1
-37.5°	6.8	6.8	7.3	8.0	8.8	11.2	15.1	27.4	53.5	96.8	149.6
-40°	6.8	6.8	7.2	8.1	8.8	11.2	15.0	25.0	47.0	89.2	134.0
-42.5°	6.8	6.8	7.2	8.1	8.8	11.1	14.7	21.9	42.1	77.6	117.2
-45°	6.8	6.8	7.2	8.2	8.9	11.0	14.3	19.5	37.7	64.6	99.9
-47.5°	6.8	6.8	7.1	8.2	8.9	10.8	13.8	18.9	32.3	51.1	84.6
-50°	6.8	6.8	7.1	8.1	8.9	10.5	13.4	18.0	25.4	43.3	68.5
-52.5°	6.8	6.8	7.0	8.0	8.9	10.2	13.0	16.9	22.1	35.1	52.5
-55°	6.8	6.8	7.0	7.9	8.8	10.1	12.5	15.7	20.4	26.5	42.8
-57.5°	6.8	6.8	6.9	7.8	8.7	9.9	11.9	15.0	18.6	23.0	32.8
-60°	6.8	6.8	6.8	7.6	8.6	9.7	11.4	14.1	17.0	20.9	25.0
-62.5°	6.8	6.8	6.8	7.5	8.4	9.4	11.0	13.2	15.9	18.8	22.6
-65°	6.8	6.8	6.8	7.4	8.2	9.2	10.5	12.4	14.8	17.4	20.2
-67.5°	6.8	6.8	6.8	7.2	8.1	8.9	10.0	11.7	13.7	16.1	18.5
-70°	6.8	6.8	6.8	7.1	7.9	8.6	9.5	11.0	12.7	14.7	17.0
-72.5°	6.8	6.8	6.8	7.1	7.7	8.4	9.1	10.2	11.8	13.6	15.5
-75°	6.8	6.8	6.8	7.0	7.4	8.1	8.8	9.7	10.8	12.3	14.0
-77.5°	6.8	6.8	6.8	7.0	7.3	7.8	8.5	9.2	10.1	11.2	12.4
-80°	6.8	6.8	6.8	7.0	7.2	7.6	8.1	8.7	9.5	10.3	11.3
-82.5°	6.8	6.8	6.8	6.9	7.1	7.4	7.8	8.3	8.8	9.5	10.2
-85°	6.8	6.8	6.8	6.9	7.0	7.2	7.5	7.9	8.4	8.8	9.3
-87.5°	6.8	6.8	6.8	6.8	6.9	7.0	7.1	7.5	7.9	8.3	8.7
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.1	5.8	5.4



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	5.4	5.4	5.4	5.4	5.1	4.8	4.4	4.1	4.1	4.1	4.1
85°	5.4	5.4	5.4	5.4	5.1	4.8	4.4	4.1	4.1	4.1	4.1
82.5°	5.8	5.8	5.6	5.4	5.1	4.8	4.5	4.3	4.3	4.3	4.2
80°	6.3	6.1	5.8	5.5	5.2	5.1	5.1	5.2	5.1	4.8	4.5
77.5°	6.5	6.2	5.8	5.5	5.4	5.6	5.6	5.5	5.2	4.8	4.5
75°	6.6	6.2	6.1	6.1	6.1	6.1	5.9	5.5	5.3	5.2	5.2
72.5°	6.6	6.5	6.6	6.8	6.6	6.3	5.9	5.6	5.9	6.6	7.1
70°	6.7	6.8	6.8	6.8	6.7	6.5	6.8	7.7	8.8	10.2	12.5
67.5°	6.8	6.8	6.8	6.8	6.8	7.2	8.2	13.2	19.1	21.6	22.7
65°	6.8	6.8	6.8	6.8	6.8	10.5	16.0	22.9	30.1	31.4	30.6
62.5°	6.8	6.8	6.8	7.8	10.9	16.0	22.4	29.8	38.2	38.5	33.7
60°	6.9	6.8	8.1	11.2	14.9	19.8	27.2	33.1	39.4	42.2	32.3
57.5°	7.0	7.8	10.6	14.2	18.1	21.9	26.3	32.1	35.1	35.5	26.2
55°	7.5	9.6	12.9	16.9	20.1	19.9	23.1	25.7	26.7	25.3	18.1
52.5°	8.9	11.2	15.1	18.9	20.2	18.7	18.1	19.7	19.0	16.3	13.3
50°	10.1	13.2	17.2	20.4	20.2	17.2	14.6	15.4	14.7	12.8	10.8
47.5°	11.4	14.9	19.7	21.8	19.3	17.3	14.9	14.2	13.4	13.7	12.2
45°	12.7	16.7	21.9	21.5	19.9	19.0	17.2	14.8	17.2	17.5	17.1
42.5°	13.8	18.2	21.8	21.4	22.5	22.0	20.4	21.6	22.8	23.9	24.4
40°	14.8	19.3	22.2	25.4	25.9	25.7	28.0	29.9	30.0	32.0	33.5
37.5°	15.5	20.3	24.9	32.4	29.9	32.4	36.8	40.6	42.8	41.1	46.0
35°	15.8	22.1	33.7	41.6	39.4	41.4	48.3	55.9	63.4	59.1	67.5
32.5°	17.1	24.6	45.0	52.0	59.7	60.1	61.3	82.5	98.6	105.9	109.9
30°	20.1	34.9	57.5	64.1	88.2	93.2	92.3	118.5	148.4	219.5	274.0
27.5°	24.3	47.5	69.1	89.3	123.3	132.1	144.6	174.8	266.4	401.6	554.6
25°	28.4	63.9	81.8	123.2	161.1	179.2	200.8	246.4	431.5	734.6	845.5
22.5°	37.1	82.2	102.3	161.8	203.0	227.6	266.9	378.2	633.9	1099.6	1129.5
20°	51.2	99.2	132.3	198.5	248.5	275.7	332.8	514.9	859.0	1198.2	1330.2
17.5°	66.0	118.1	165.1	235.4	297.9	336.5	406.9	644.9	1034.2	1325.8	1481.4
15°	81.3	138.4	195.4	276.2	351.9	412.7	553.1	820.5	1155.8	1476.6	1700.4
12.5°	96.6	159.7	223.1	319.7	409.7	488.9	730.0	1110.9	1421.2	1679.3	1974.8
10°	111.5	181.3	248.5	364.6	470.0	564.2	924.6	1423.6	1729.5	1957.1	2216.1
7.5°	147.9	214.7	276.7	409.6	531.3	637.9	1127.9	1747.4	2009.5	2194.9	2390.0
5°	188.8	259.2	330.9	476.5	598.1	708.3	1325.8	2069.2	2266.6	2401.2	2522.5
2.5°	229.4	302.1	383.9	543.2	664.7	773.2	1492.7	2278.8	2447.9	2575.9	2672.7
0°	267.5	343.2	435.0	605.3	726.9	833.6	1636.1	2456.2	2608.8	2737.2	2853.4
-2.5°	288.8	376.4	473.3	629.0	734.0	837.4	1524.4	2395.7	2623.5	2794.7	2968.2
-5°	305.5	407.0	508.7	648.9	738.9	837.7	1393.6	2291.3	2641.0	2854.0	3065.8
-7.5°	317.4	434.3	541.1	665.2	744.9	841.0	1386.6	2328.3	2746.5	2939.4	3147.3
-10°	322.5	444.5	547.6	668.5	752.2	844.7	1369.3	2311.1	2848.1	3028.3	3215.0
-12.5°	312.5	439.6	545.8	667.4	758.2	844.3	1299.2	2233.8	2949.5	3125.8	3248.3
-15°	300.8	432.5	539.3	661.8	763.3	840.0	1169.2	2092.6	2967.8	3080.9	3201.6
-17.5°	288.4	423.2	527.8	651.4	767.7	831.6	963.5	1736.2	2661.9	2933.3	3125.3
-20°	275.8	412.0	510.9	636.3	768.2	803.7	871.0	1393.5	2173.5	2721.0	2973.9



REPORT NUMBER: P1305690 (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°	263.7	398.8	491.7	615.8	717.4	761.8	810.9	1075.6	1663.8	2447.9	2706.6
-25°	258.2	378.7	474.1	572.9	665.3	717.9	746.2	818.6	1244.8	1932.2	2410.0
-27.5°	256.2	361.3	447.7	531.5	620.4	670.4	692.4	745.9	977.0	1435.2	2080.6
-30°	251.0	334.8	419.9	494.1	575.8	624.2	642.2	689.3	768.3	1100.4	1568.5
-32.5°	235.9	307.3	389.1	462.1	533.0	588.8	613.0	655.7	712.6	814.0	1149.9
-35°	217.2	283.9	357.2	428.9	494.1	554.9	597.3	628.3	667.0	718.1	883.0
-37.5°	200.5	259.4	324.9	394.3	457.1	519.6	579.7	608.0	638.4	677.4	746.5
-40°	182.3	233.9	295.8	359.0	420.5	481.5	539.8	590.7	614.8	655.2	702.6
-42.5°	162.8	212.2	267.0	323.8	382.6	440.1	497.8	551.9	604.0	635.9	673.9
-45°	143.0	188.9	237.9	291.1	343.6	397.5	451.5	507.2	571.5	627.2	655.0
-47.5°	122.1	164.6	210.7	257.8	306.2	354.9	404.1	464.1	528.4	588.7	647.1
-50°	101.1	140.2	182.7	226.9	270.1	313.8	358.6	421.2	483.4	542.2	598.0
-52.5°	82.4	114.7	154.9	196.8	236.4	275.3	321.3	378.4	437.7	495.8	548.9
-55°	62.9	92.2	125.7	165.1	204.7	240.0	284.5	336.6	390.3	446.1	498.2
-57.5°	48.4	70.0	98.7	131.2	169.0	208.2	251.1	294.6	343.4	394.1	440.2
-60°	36.7	51.6	72.9	100.2	129.9	168.7	215.3	258.4	299.4	339.8	382.9
-62.5°	26.4	38.2	52.3	70.6	96.1	126.2	165.6	209.9	257.5	292.5	326.6
-65°	23.8	27.3	37.0	50.0	63.4	88.3	118.0	151.2	191.2	226.8	263.2
-67.5°	21.1	24.3	27.5	32.6	44.5	57.8	71.7	98.2	127.3	151.9	177.6
-70°	19.1	21.4	24.3	27.2	30.3	36.2	47.9	60.2	72.2	86.0	106.8
-72.5°	17.3	19.1	21.2	23.6	26.3	29.4	32.6	36.1	43.1	52.1	60.6
-75°	15.4	16.7	18.3	20.1	22.3	24.6	27.2	30.0	32.4	34.6	36.9
-77.5°	13.5	14.4	15.5	16.7	18.0	19.7	21.6	23.7	25.5	27.2	28.9
-80°	11.7	12.2	12.9	13.7	14.8	15.8	16.9	17.9	18.9	20.1	21.5
-82.5°	10.3	10.5	10.7	11.1	11.8	12.5	13.3	14.1	14.7	15.3	15.9
-85°	9.1	8.8	8.7	8.7	9.3	9.9	10.5	11.1	11.4	11.6	11.8
-87.5°	8.6	8.5	8.3	8.1	8.3	8.5	8.8	9.1	9.1	9.2	9.2
-90°	5.4	5.4	5.4	5.4	5.1	4.8	4.4	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.1	8.5	8.8	9.1	9.5	10.2	10.8	11.5	12.2	17.2	22.3
87.5°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.4	1.4
85°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.4	1.4
82.5°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.4	1.4
80°	4.2	3.8	3.5	3.1	2.7	2.6	2.6	2.5	2.5	2.3	2.0
77.5°	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.0	2.7	2.4	2.1
75°	5.3	5.3	5.1	4.8	4.3	3.8	3.5	3.1	2.8	2.7	2.6
72.5°	7.4	7.3	6.9	6.7	6.0	5.6	5.5	5.2	4.9	4.9	5.1
70°	13.9	14.1	13.5	12.2	10.4	9.2	8.6	7.8	6.8	6.7	7.1
67.5°	21.8	20.1	18.5	16.7	14.2	12.1	11.1	10.1	9.2	8.9	9.2
65°	27.5	21.8	18.7	16.4	14.7	13.1	11.8	10.5	9.2	8.5	8.3
62.5°	27.5	19.7	15.9	14.1	12.8	11.8	10.0	8.5	7.1	6.3	6.3
60°	23.6	16.2	12.0	10.4	9.1	8.1	7.3	6.5	5.8	5.4	5.5
57.5°	18.0	11.7	8.1	7.9	7.6	7.1	6.7	6.4	5.9	5.4	5.7
55°	12.6	9.7	8.2	8.3	8.4	8.3	7.8	7.2	6.7	6.3	6.6
52.5°	10.0	9.7	10.1	10.3	9.6	8.8	8.1	8.0	8.2	8.4	8.8
50°	10.6	11.1	11.2	10.6	10.2	9.8	9.4	9.8	10.5	11.0	11.4
47.5°	12.3	12.9	13.3	12.0	12.2	12.9	12.4	12.7	15.2	17.1	18.5
45°	16.2	18.2	18.5	18.8	18.6	20.4	21.5	22.5	27.6	29.5	29.4
42.5°	24.9	27.9	29.8	31.8	30.3	35.8	43.6	48.9	47.6	45.7	46.3
40°	37.6	43.1	50.9	55.2	59.9	66.0	68.2	59.1	57.7	65.0	65.8
37.5°	57.2	72.1	88.7	101.4	103.5	100.8	97.5	96.1	98.2	103.1	110.4
35°	94.1	129.2	144.5	152.4	157.3	142.5	136.9	142.3	137.6	151.2	155.9
32.5°	166.8	211.9	225.1	231.1	243.3	228.4	195.3	234.5	219.6	217.5	232.5
30°	264.4	327.5	381.7	385.7	377.0	374.7	393.6	398.8	381.0	380.9	440.3
27.5°	506.5	520.8	616.8	660.1	551.7	559.9	611.7	584.1	648.4	710.4	759.3
25°	802.1	814.0	981.6	956.0	841.1	873.8	904.1	898.1	972.5	1047.1	1131.9
22.5°	1073.8	1122.4	1260.1	1224.5	1173.3	1187.4	1215.2	1270.3	1370.5	1522.0	1917.0
20°	1290.5	1322.1	1389.0	1419.5	1422.4	1450.1	1538.8	1690.7	2002.6	3025.3	4260.0
17.5°	1499.4	1450.5	1530.9	1583.6	1640.5	1742.2	1948.4	2570.7	4074.3	7174.2	10212.1
15°	1802.9	1772.8	1725.4	1797.4	1955.5	2163.4	2645.0	4920.4	10028.4	15841.1	21884.4
12.5°	2133.4	2093.6	2028.3	2089.1	2329.1	2699.4	4963.4	10729.6	18894.9	29315.7	49614.3
10°	2397.0	2379.1	2338.5	2467.4	2780.6	3896.3	7906.7	16979.6	29121.0	53294.5	82844.2
7.5°	2558.3	2550.0	2584.8	2796.0	3222.6	5690.3	12925.3	25558.8	46894.0	80453.3	130058.7
5°	2734.5	2721.8	2777.8	3033.8	3538.5	6840.4	16845.5	33265.7	65038.8	111469.2	183507.2
2.5°	2923.6	2894.5	2952.0	3244.0	3786.0	7095.5	17725.5	35573.9	75809.9	135377.9	231894.3
0°	3114.1	3054.7	3085.7	3377.6	3970.7	7931.9	19549.3	38901.3	83424.3	149210.3	251861.7
-2.5°	3129.7	3028.8	3059.8	3329.5	3897.5	6829.4	16973.0	35835.3	79288.5	138831.9	230647.2
-5°	3156.0	3024.6	3015.9	3252.3	3793.0	6230.6	14399.8	32774.0	70052.1	122170.5	201732.9
-7.5°	3204.9	3049.6	2974.8	3149.7	3627.5	5416.3	11748.0	27283.3	56671.9	99643.2	157298.4
-10°	3285.2	3118.4	2996.1	3072.8	3418.4	4417.3	7773.1	19830.2	42898.0	75125.5	114205.8
-12.5°	3384.3	3307.2	3123.7	3017.5	3207.3	3748.6	6109.8	14815.7	30139.7	47528.7	76037.9
-15°	3430.3	3459.4	3326.8	3115.6	3128.1	3462.9	4273.1	8112.1	18919.3	31553.8	45617.6
-17.5°	3367.8	3505.6	3352.4	3110.1	3011.9	3210.3	3589.2	4996.7	8742.6	16857.9	25106.3
-20°	3185.4	3230.4	3199.2	3053.6	2950.6	2961.4	3149.0	3514.0	4244.7	6901.3	9820.8



REPORT NUMBER: P1305690 (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°
-22.5°	2847.4	2876.5	2868.2	2975.9	2860.4	2808.4	2849.2	2990.8	3217.7	3562.3	4528.4
-25°	2559.4	2547.2	2613.7	2793.8	2822.3	2696.7	2663.9	2674.2	2803.2	2956.1	3167.9
-27.5°	2284.6	2367.8	2514.2	2697.0	2776.4	2691.9	2585.7	2516.3	2578.4	2626.6	2721.7
-30°	2054.7	2269.6	2423.0	2589.5	2709.0	2695.7	2592.3	2558.2	2528.9	2494.8	2518.9
-32.5°	1688.7	2151.0	2309.3	2445.4	2590.2	2648.9	2648.1	2633.7	2646.9	2619.1	2557.1
-35°	1312.5	1810.8	2221.8	2297.5	2391.0	2529.3	2635.4	2652.2	2668.0	2667.3	2652.4
-37.5°	941.5	1404.8	1821.4	2127.7	2237.7	2339.0	2536.7	2642.2	2676.7	2731.3	2751.4
-40°	772.1	911.0	1327.6	1702.3	1954.9	2261.9	2467.2	2658.3	2854.8	2969.7	3034.7
-42.5°	721.3	779.1	840.1	1128.4	1488.7	1825.6	2147.5	2511.3	2790.5	3007.3	3223.5
-45°	684.8	721.9	762.4	819.1	875.7	1161.2	1489.1	1818.3	2127.3	2438.7	2737.6
-47.5°	670.2	683.9	712.1	744.4	782.2	832.1	879.4	952.7	1207.7	1460.2	1731.1
-50°	646.9	680.9	693.1	704.9	735.4	764.7	787.4	818.4	849.2	868.5	894.0
-52.5°	597.9	641.7	679.2	713.6	733.3	750.4	765.4	790.8	814.6	835.3	849.6
-55°	547.1	592.4	635.6	677.9	717.5	755.4	788.3	806.6	825.0	843.5	851.2
-57.5°	487.4	535.2	581.8	625.9	669.0	711.2	748.6	782.3	814.6	844.6	863.3
-60°	425.0	465.7	512.9	561.7	606.8	648.2	689.6	728.7	764.8	795.4	814.7
-62.5°	364.1	402.9	441.7	485.8	534.7	581.8	619.1	657.0	695.1	728.6	752.8
-65°	298.2	330.6	361.7	394.9	429.9	467.7	507.1	545.9	583.7	615.6	639.4
-67.5°	208.2	239.3	268.0	296.4	322.7	349.3	377.6	406.3	435.0	460.1	481.5
-70°	126.9	145.8	162.5	180.7	202.4	224.6	246.9	267.5	286.2	301.7	314.1
-72.5°	68.7	76.0	84.1	97.5	109.8	123.1	136.7	149.4	161.0	171.6	181.3
-75°	39.1	42.5	48.2	53.4	58.0	63.7	69.8	75.6	81.2	86.8	91.8
-77.5°	30.5	32.2	33.8	35.3	36.7	38.8	41.1	43.5	45.8	49.9	54.2
-80°	22.8	23.9	24.9	26.0	27.0	28.4	29.7	31.0	32.3	34.0	35.8
-82.5°	16.6	17.1	17.6	18.0	18.4	19.3	20.3	21.2	22.1	24.0	25.9
-85°	12.1	12.2	12.4	12.6	12.7	13.2	13.7	14.2	14.6	16.4	18.1
-87.5°	9.2	9.3	9.4	9.5	9.5	9.8	10.2	10.5	10.8	12.6	14.3
-90°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.1	0.7



REPORT NUMBER: P1305690 (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°
90°	27.3	32.4	37.1	41.9	37.1	32.4	27.3	22.3	17.2	12.2	11.5
87.5°	1.4	1.4	0.7	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
80°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.0	2.3	2.5	2.5
77.5°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	3.0
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.8	3.1
72.5°	5.2	5.3	5.4	5.4	5.4	5.3	5.2	5.1	4.9	4.9	5.2
70°	7.5	8.0	8.7	9.5	8.7	8.0	7.5	7.1	6.7	6.8	7.8
67.5°	9.4	9.4	8.3	6.8	8.3	9.4	9.4	9.2	8.9	9.2	10.1
65°	8.2	8.2	7.5	6.8	7.5	8.2	8.2	8.3	8.5	9.2	10.5
62.5°	6.5	6.8	6.8	6.8	6.8	6.8	6.5	6.3	6.3	7.1	8.5
60°	5.5	5.5	5.4	5.4	5.4	5.5	5.5	5.5	5.4	5.8	6.5
57.5°	6.2	6.6	6.8	6.8	6.8	6.6	6.2	5.7	5.4	5.9	6.4
55°	6.7	6.8	7.3	8.1	7.3	6.8	6.7	6.6	6.3	6.7	7.2
52.5°	9.1	9.3	9.5	9.5	9.5	9.3	9.1	8.8	8.4	8.2	8.0
50°	11.8	12.0	12.2	12.2	12.2	12.0	11.8	11.4	11.0	10.5	9.8
47.5°	19.4	19.9	20.5	21.6	20.5	19.9	19.4	18.5	17.1	15.2	12.7
45°	30.8	31.6	32.9	35.1	32.9	31.6	30.8	29.4	29.5	27.6	22.5
42.5°	48.7	50.1	51.6	54.0	51.6	50.1	48.7	46.3	45.7	47.6	48.9
40°	67.3	68.2	69.0	71.6	69.0	68.2	67.3	65.8	65.0	57.7	59.1
37.5°	113.7	108.9	103.9	114.8	103.9	108.9	113.7	110.4	103.1	98.2	96.1
35°	155.1	158.0	162.5	170.2	162.5	158.0	155.1	155.9	151.2	137.6	142.3
32.5°	235.2	248.0	253.9	262.1	253.9	248.0	235.2	232.5	217.5	219.6	234.5
30°	468.1	467.3	429.6	436.4	429.6	467.3	468.1	440.3	380.9	381.0	398.8
27.5°	775.0	784.3	780.2	799.8	780.2	784.3	775.0	759.3	710.4	648.4	584.1
25°	1206.4	1246.7	1238.8	1278.1	1238.8	1246.7	1206.4	1131.9	1047.1	972.5	898.1
22.5°	2402.3	2588.3	2585.3	2833.1	2585.3	2588.3	2402.3	1917.0	1522.0	1370.5	1270.3
20°	6416.4	7685.8	7162.7	7259.0	7162.7	7685.8	6416.4	4260.0	3025.3	2002.6	1690.7
17.5°	14796.6	19097.7	20965.6	23299.7	20965.6	19097.7	14796.6	10212.1	7174.2	4074.3	2570.7
15°	33777.8	45237.2	50969.3	45118.8	50969.3	45237.2	33777.8	21884.4	15841.1	10028.4	4920.4
12.5°	70720.8	90841.2	104749.3	94075.8	104749.3	90841.2	70720.8	49614.3	29315.7	18894.9	10729.6
10°	122176.3	159237.8	189867.2	179772.5	189867.2	159237.8	122176.3	82844.2	53294.5	29121.0	16979.6
7.5°	187825.7	247697.2	285065.7	284788.9	285065.7	247697.2	187825.7	130058.7	80453.3	46894.0	25558.8
5°	270224.0	346825.4	394407.0	400144.6	394407.0	346825.4	270224.0	183507.2	111469.2	65038.8	33265.7
2.5°	331234.1	414285.2	479254.9	502688.5	479254.9	414285.2	331234.1	231894.3	135377.9	75809.9	35573.9
0°	356143.7	441764.2	511213.5	549936.5	511213.5	441764.2	356143.7	251861.7	149210.3	83424.3	38901.3
-2.5°	336571.2	415650.6	472931.4	496922.4	472931.4	415650.6	336571.2	230647.2	138831.9	79288.5	35835.3
-5°	293872.0	368346.8	412533.6	428225.6	412533.6	368346.8	293872.0	201732.9	122170.5	70052.1	32774.0
-7.5°	229971.2	292313.5	330458.0	344235.1	330458.0	292313.5	229971.2	157298.4	99643.2	56671.9	27283.3
-10°	159255.8	205596.1	238712.9	248985.4	238712.9	205596.1	159255.8	114205.8	75125.5	42898.0	19830.2
-12.5°	102617.1	130111.1	148458.6	155141.3	148458.6	130111.1	102617.1	76037.9	47528.7	30139.7	14815.7
-15°	62427.5	77736.3	86622.0	89616.0	86622.0	77736.3	62427.5	45617.6	31553.8	18919.3	8112.1
-17.5°	34397.3	41785.6	44501.8	46413.0	44501.8	41785.6	34397.3	25106.3	16857.9	8742.6	4996.7
-20°	15410.0	18617.5	20191.5	20998.9	20191.5	18617.5	15410.0	9820.8	6901.3	4244.7	3514.0



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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°	5941.7	6878.4	7300.2	7646.8	7300.2	6878.4	5941.7	4528.4	3562.3	3217.7	2990.8
-25°	3352.1	3482.1	3541.2	3580.2	3541.2	3482.1	3352.1	3167.9	2956.1	2803.2	2674.2
-27.5°	2789.5	2864.6	2916.0	2907.4	2916.0	2864.6	2789.5	2721.7	2626.6	2578.4	2516.3
-30°	2520.8	2543.8	2563.2	2548.0	2563.2	2543.8	2520.8	2518.9	2494.8	2528.9	2558.2
-32.5°	2513.3	2489.6	2476.0	2472.4	2476.0	2489.6	2513.3	2557.1	2619.1	2646.9	2633.7
-35°	2635.5	2624.7	2617.9	2622.3	2617.9	2624.7	2635.5	2652.4	2667.3	2668.0	2652.2
-37.5°	2753.9	2738.1	2714.1	2695.3	2714.1	2738.1	2753.9	2751.4	2731.3	2676.7	2642.2
-40°	3047.3	3104.1	3176.0	3215.4	3176.0	3104.1	3047.3	3034.7	2969.7	2854.8	2658.3
-42.5°	3287.7	3329.1	3347.8	3346.5	3347.8	3329.1	3287.7	3223.5	3007.3	2790.5	2511.3
-45°	2964.3	3130.1	3219.6	3237.1	3219.6	3130.1	2964.3	2737.6	2438.7	2127.3	1818.3
-47.5°	2023.0	2292.2	2450.2	2471.0	2450.2	2292.2	2023.0	1731.1	1460.2	1207.7	952.7
-50°	929.1	965.1	978.4	968.7	978.4	965.1	929.1	894.0	868.5	849.2	818.4
-52.5°	863.3	877.2	884.4	886.3	884.4	877.2	863.3	849.6	835.3	814.6	790.8
-55°	858.4	866.0	871.1	875.5	871.1	866.0	858.4	851.2	843.5	825.0	806.6
-57.5°	880.8	897.0	904.8	907.9	904.8	897.0	880.8	863.3	844.6	814.6	782.3
-60°	832.2	848.0	853.8	855.2	853.8	848.0	832.2	814.7	795.4	764.8	728.7
-62.5°	775.6	796.5	804.4	806.6	804.4	796.5	775.6	752.8	728.6	695.1	657.0
-65°	660.2	678.0	679.2	674.2	679.2	678.0	660.2	639.4	615.6	583.7	545.9
-67.5°	500.7	517.4	518.3	513.4	518.3	517.4	500.7	481.5	460.1	435.0	406.3
-70°	324.1	331.8	333.4	332.4	333.4	331.8	324.1	314.1	301.7	286.2	267.5
-72.5°	189.7	196.9	195.5	191.8	195.5	196.9	189.7	181.3	171.6	161.0	149.4
-75°	96.3	100.2	101.8	102.7	101.8	100.2	96.3	91.8	86.8	81.2	75.6
-77.5°	58.6	62.9	64.0	64.8	64.0	62.9	58.6	54.2	49.9	45.8	43.5
-80°	37.4	39.0	39.2	39.2	39.2	39.0	37.4	35.8	34.0	32.3	31.0
-82.5°	27.8	29.6	30.4	31.1	30.4	29.6	27.8	25.9	24.0	22.1	21.2
-85°	19.8	21.6	22.3	23.0	22.3	21.6	19.8	18.1	16.4	14.6	14.2
-87.5°	16.0	17.7	18.3	18.9	18.3	17.7	16.0	14.3	12.6	10.8	10.5
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.8	10.2	9.5	9.1	8.8	8.5	8.1	8.1	8.1	8.1	8.1
87.5°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.1	4.1	4.1	4.1
85°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.1	4.1	4.1	4.1
82.5°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.2	4.3	4.3	4.3
80°	2.6	2.6	2.7	3.1	3.5	3.8	4.2	4.5	4.8	5.1	5.2
77.5°	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.5	4.8	5.2	5.5
75°	3.5	3.8	4.3	4.8	5.1	5.3	5.3	5.2	5.2	5.3	5.5
72.5°	5.5	5.6	6.0	6.7	6.9	7.3	7.4	7.1	6.6	5.9	5.6
70°	8.6	9.2	10.4	12.2	13.5	14.1	13.9	12.5	10.2	8.8	7.7
67.5°	11.1	12.1	14.2	16.7	18.5	20.1	21.8	22.7	21.6	19.1	13.2
65°	11.8	13.1	14.7	16.4	18.7	21.8	27.5	30.6	31.4	30.1	22.9
62.5°	10.0	11.8	12.8	14.1	15.9	19.7	27.5	33.7	38.5	38.2	29.8
60°	7.3	8.1	9.1	10.4	12.0	16.2	23.6	32.3	42.2	39.4	33.1
57.5°	6.7	7.1	7.6	7.9	8.1	11.7	18.0	26.2	35.5	35.1	32.1
55°	7.8	8.3	8.4	8.3	8.2	9.7	12.6	18.1	25.3	26.7	25.7
52.5°	8.1	8.8	9.6	10.3	10.1	9.7	10.0	13.3	16.3	19.0	19.7
50°	9.4	9.8	10.2	10.6	11.2	11.1	10.6	10.8	12.8	14.7	15.4
47.5°	12.4	12.9	12.2	12.0	13.3	12.9	12.3	12.2	13.7	13.4	14.2
45°	21.5	20.4	18.6	18.8	18.5	18.2	16.2	17.1	17.5	17.2	14.8
42.5°	43.6	35.8	30.3	31.8	29.8	27.9	24.9	24.4	23.9	22.8	21.6
40°	68.2	66.0	59.9	55.2	50.9	43.1	37.6	33.5	32.0	30.0	29.9
37.5°	97.5	100.8	103.5	101.4	88.7	72.1	57.2	46.0	41.1	42.8	40.6
35°	136.9	142.5	157.3	152.4	144.5	129.2	94.1	67.5	59.1	63.4	55.9
32.5°	195.3	228.4	243.3	231.1	225.1	211.9	166.8	109.9	105.9	98.6	82.5
30°	393.6	374.7	377.0	385.7	381.7	327.5	264.4	274.0	219.5	148.4	118.5
27.5°	611.7	559.9	551.7	660.1	616.8	520.8	506.5	554.6	401.6	266.4	174.8
25°	904.1	873.8	841.1	956.0	981.6	814.0	802.1	845.5	734.6	431.5	246.4
22.5°	1215.2	1187.4	1173.3	1224.5	1260.1	1122.4	1073.8	1129.5	1099.6	633.9	378.2
20°	1538.8	1450.1	1422.4	1419.5	1389.0	1322.1	1290.5	1330.2	1198.2	859.0	514.9
17.5°	1948.4	1742.2	1640.5	1583.6	1530.9	1450.5	1499.4	1481.4	1325.8	1034.2	644.9
15°	2645.0	2163.4	1955.5	1797.4	1725.4	1772.8	1802.9	1700.4	1476.6	1155.8	820.5
12.5°	4963.4	2699.4	2329.1	2089.1	2028.3	2093.6	2133.4	1974.8	1679.3	1421.2	1110.9
10°	7906.7	3896.3	2780.6	2467.4	2338.5	2379.1	2397.0	2216.1	1957.1	1729.5	1423.6
7.5°	12925.3	5690.3	3222.6	2796.0	2584.8	2550.0	2558.3	2390.0	2194.9	2009.5	1747.4
5°	16845.5	6840.4	3538.5	3033.8	2777.8	2721.8	2734.5	2522.5	2401.2	2266.6	2069.2
2.5°	17725.5	7095.5	3786.0	3244.0	2952.0	2894.5	2923.6	2672.7	2575.9	2447.9	2278.8
0°	19549.3	7931.9	3970.7	3377.6	3085.7	3054.7	3114.1	2853.4	2737.2	2608.8	2456.2
-2.5°	16973.0	6829.4	3897.5	3329.5	3059.8	3028.8	3129.7	2968.2	2794.7	2623.5	2395.7
-5°	14399.8	6230.6	3793.0	3252.3	3015.9	3024.6	3156.0	3065.8	2854.0	2641.0	2291.3
-7.5°	11748.0	5416.3	3627.5	3149.7	2974.8	3049.6	3204.9	3147.3	2939.4	2746.5	2328.3
-10°	7773.1	4417.3	3418.4	3072.8	2996.1	3118.4	3285.2	3215.0	3028.3	2848.1	2311.1
-12.5°	6109.8	3748.6	3207.3	3017.5	3123.7	3307.2	3384.3	3248.3	3125.8	2949.5	2233.8
-15°	4273.1	3462.9	3128.1	3115.6	3326.8	3459.4	3430.3	3201.6	3080.9	2967.8	2092.6
-17.5°	3589.2	3210.3	3011.9	3110.1	3352.4	3505.6	3367.8	3125.3	2933.3	2661.9	1736.2
-20°	3149.0	2961.4	2950.6	3053.6	3199.2	3230.4	3185.4	2973.9	2721.0	2173.5	1393.5



REPORT NUMBER: P1305690 (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°	2849.2	2808.4	2860.4	2975.9	2868.2	2876.5	2847.4	2706.6	2447.9	1663.8	1075.6
-25°	2663.9	2696.7	2822.3	2793.8	2613.7	2547.2	2559.4	2410.0	1932.2	1244.8	818.6
-27.5°	2585.7	2691.9	2776.4	2697.0	2514.2	2367.8	2284.6	2080.6	1435.2	977.0	745.9
-30°	2592.3	2695.7	2709.0	2589.5	2423.0	2269.6	2054.7	1568.5	1100.4	768.3	689.3
-32.5°	2648.1	2648.9	2590.2	2445.4	2309.3	2151.0	1688.7	1149.9	814.0	712.6	655.7
-35°	2635.4	2529.3	2391.0	2297.5	2221.8	1810.8	1312.5	883.0	718.1	667.0	628.3
-37.5°	2536.7	2339.0	2237.7	2127.7	1821.4	1404.8	941.5	746.5	677.4	638.4	608.0
-40°	2467.2	2261.9	1954.9	1702.3	1327.6	911.0	772.1	702.6	655.2	614.8	590.7
-42.5°	2147.5	1825.6	1488.7	1128.4	840.1	779.1	721.3	673.9	635.9	604.0	551.9
-45°	1489.1	1161.2	875.7	819.1	762.4	721.9	684.8	655.0	627.2	571.5	507.2
-47.5°	879.4	832.1	782.2	744.4	712.1	683.9	670.2	647.1	588.7	528.4	464.1
-50°	787.4	764.7	735.4	704.9	693.1	680.9	646.9	598.0	542.2	483.4	421.2
-52.5°	765.4	750.4	733.3	713.6	679.2	641.7	597.9	548.9	495.8	437.7	378.4
-55°	788.3	755.4	717.5	677.9	635.6	592.4	547.1	498.2	446.1	390.3	336.6
-57.5°	748.6	711.2	669.0	625.9	581.8	535.2	487.4	440.2	394.1	343.4	294.6
-60°	689.6	648.2	606.8	561.7	512.9	465.7	425.0	382.9	339.8	299.4	258.4
-62.5°	619.1	581.8	534.7	485.8	441.7	402.9	364.1	326.6	292.5	257.5	209.9
-65°	507.1	467.7	429.9	394.9	361.7	330.6	298.2	263.2	226.8	191.2	151.2
-67.5°	377.6	349.3	322.7	296.4	268.0	239.3	208.2	177.6	151.9	127.3	98.2
-70°	246.9	224.6	202.4	180.7	162.5	145.8	126.9	106.8	86.0	72.2	60.2
-72.5°	136.7	123.1	109.8	97.5	84.1	76.0	68.7	60.6	52.1	43.1	36.1
-75°	69.8	63.7	58.0	53.4	48.2	42.5	39.1	36.9	34.6	32.4	30.0
-77.5°	41.1	38.8	36.7	35.3	33.8	32.2	30.5	28.9	27.2	25.5	23.7
-80°	29.7	28.4	27.0	26.0	24.9	23.9	22.8	21.5	20.1	18.9	17.9
-82.5°	20.3	19.3	18.4	18.0	17.6	17.1	16.6	15.9	15.3	14.7	14.1
-85°	13.7	13.2	12.7	12.6	12.4	12.2	12.1	11.8	11.6	11.4	11.1
-87.5°	10.2	9.8	9.5	9.5	9.4	9.3	9.2	9.2	9.2	9.1	9.1
-90°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.8	7.5	7.1
87.5°	4.4	4.8	5.1	5.4	5.4	5.4	5.4	5.4	5.8	6.1	6.5
85°	4.4	4.8	5.1	5.4	5.4	5.4	5.4	5.4	5.8	6.1	6.5
82.5°	4.5	4.8	5.1	5.4	5.6	5.8	5.8	5.8	5.9	6.1	6.5
80°	5.1	5.1	5.2	5.5	5.8	6.1	6.3	6.4	6.3	6.4	6.5
77.5°	5.6	5.6	5.4	5.5	5.8	6.2	6.5	6.8	6.7	6.6	6.7
75°	5.9	6.1	6.1	6.1	6.1	6.2	6.6	6.8	6.8	6.8	6.7
72.5°	5.9	6.3	6.6	6.8	6.6	6.5	6.6	6.8	6.8	6.8	6.8
70°	6.8	6.5	6.7	6.8	6.8	6.8	6.7	6.9	6.8	6.8	6.8
67.5°	8.2	7.2	6.8	6.8	6.8	6.8	6.8	7.0	7.0	6.8	6.8
65°	16.0	10.5	6.8	6.8	6.8	6.8	6.8	7.1	7.2	7.1	6.8
62.5°	22.4	16.0	10.9	7.8	6.8	6.8	6.8	7.1	7.4	7.4	7.0
60°	27.2	19.8	14.9	11.2	8.1	6.8	6.9	7.2	7.5	7.7	7.4
57.5°	26.3	21.9	18.1	14.2	10.6	7.8	7.0	7.3	7.5	7.8	7.7
55°	23.1	19.9	20.1	16.9	12.9	9.6	7.5	7.3	7.6	7.9	8.1
52.5°	18.1	18.7	20.2	18.9	15.1	11.2	8.9	7.4	7.7	8.0	8.1
50°	14.6	17.2	20.2	20.4	17.2	13.2	10.1	8.3	7.8	8.0	8.1
47.5°	14.9	17.3	19.3	21.8	19.7	14.9	11.4	9.1	7.8	8.1	8.1
45°	17.2	19.0	19.9	21.5	21.9	16.7	12.7	9.8	8.4	8.1	8.1
42.5°	20.4	22.0	22.5	21.4	21.8	18.2	13.8	10.7	8.9	8.2	8.2
40°	28.0	25.7	25.9	25.4	22.2	19.3	14.8	11.5	9.3	8.5	8.3
37.5°	36.8	32.4	29.9	32.4	24.9	20.3	15.5	12.1	9.8	8.9	8.4
35°	48.3	41.4	39.4	41.6	33.7	22.1	15.8	12.5	10.8	9.2	8.6
32.5°	61.3	60.1	59.7	52.0	45.0	24.6	17.1	14.0	12.0	9.6	8.8
30°	92.3	93.2	88.2	64.1	57.5	34.9	20.1	15.8	13.3	10.0	9.0
27.5°	144.6	132.1	123.3	89.3	69.1	47.5	24.3	17.8	14.7	10.6	9.3
25°	200.8	179.2	161.1	123.2	81.8	63.9	28.4	20.2	16.3	11.7	9.6
22.5°	266.9	227.6	203.0	161.8	102.3	82.2	37.1	23.7	18.1	12.8	9.8
20°	332.8	275.7	248.5	198.5	132.3	99.2	51.2	27.1	20.0	14.0	10.1
17.5°	406.9	336.5	297.9	235.4	165.1	118.1	66.0	30.3	22.0	15.2	10.3
15°	553.1	412.7	351.9	276.2	195.4	138.4	81.3	33.4	24.1	16.4	10.6
12.5°	730.0	488.9	409.7	319.7	223.1	159.7	96.6	36.3	26.1	17.7	11.1
10°	924.6	564.2	470.0	364.6	248.5	181.3	111.5	40.6	28.6	19.0	11.6
7.5°	1127.9	637.9	531.3	409.6	276.7	214.7	147.9	48.2	31.0	20.1	12.1
5°	1325.8	708.3	598.1	476.5	330.9	259.2	188.8	56.2	33.5	21.2	12.6
2.5°	1492.7	773.2	664.7	543.2	383.9	302.1	229.4	64.1	35.7	22.2	13.1
0°	1636.1	833.6	726.9	605.3	435.0	343.2	267.5	71.6	37.8	23.0	13.5
-2.5°	1524.4	837.4	734.0	629.0	473.3	376.4	288.8	90.7	49.1	29.0	16.2
-5°	1393.6	837.7	738.9	648.9	508.7	407.0	305.5	108.7	59.8	34.8	18.9
-7.5°	1386.6	841.0	744.9	665.2	541.1	434.3	317.4	125.1	69.8	40.0	21.3
-10°	1369.3	844.7	752.2	668.5	547.6	444.5	322.5	139.4	78.7	44.7	23.4
-12.5°	1299.2	844.3	758.2	667.4	545.8	439.6	312.5	150.7	86.5	48.6	25.2
-15°	1169.2	840.0	763.3	661.8	539.3	432.5	300.8	159.5	94.7	52.9	26.5
-17.5°	963.5	831.6	767.7	651.4	527.8	423.2	288.4	166.1	101.5	57.9	28.5
-20°	871.0	803.7	768.2	636.3	510.9	412.0	275.8	170.5	106.8	61.6	30.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	810.9	761.8	717.4	615.8	491.7	398.8	263.7	172.5	110.5	64.0	32.2
-25°	746.2	717.9	665.3	572.9	474.1	378.7	258.2	171.9	112.4	64.9	32.7
-27.5°	692.4	670.4	620.4	531.5	447.7	361.3	256.2	173.4	112.9	64.4	32.2
-30°	642.2	624.2	575.8	494.1	419.9	334.8	251.0	172.7	112.2	63.4	30.7
-32.5°	613.0	588.8	533.0	462.1	389.1	307.3	235.9	169.7	109.3	61.7	29.9
-35°	597.3	554.9	494.1	428.9	357.2	283.9	217.2	164.1	104.2	58.4	29.0
-37.5°	579.7	519.6	457.1	394.3	324.9	259.4	200.5	149.6	96.8	53.5	27.4
-40°	539.8	481.5	420.5	359.0	295.8	233.9	182.3	134.0	89.2	47.0	25.0
-42.5°	497.8	440.1	382.6	323.8	267.0	212.2	162.8	117.2	77.6	42.1	21.9
-45°	451.5	397.5	343.6	291.1	237.9	188.9	143.0	99.9	64.6	37.7	19.5
-47.5°	404.1	354.9	306.2	257.8	210.7	164.6	122.1	84.6	51.1	32.3	18.9
-50°	358.6	313.8	270.1	226.9	182.7	140.2	101.1	68.5	43.3	25.4	18.0
-52.5°	321.3	275.3	236.4	196.8	154.9	114.7	82.4	52.5	35.1	22.1	16.9
-55°	284.5	240.0	204.7	165.1	125.7	92.2	62.9	42.8	26.5	20.4	15.7
-57.5°	251.1	208.2	169.0	131.2	98.7	70.0	48.4	32.8	23.0	18.6	15.0
-60°	215.3	168.7	129.9	100.2	72.9	51.6	36.7	25.0	20.9	17.0	14.1
-62.5°	165.6	126.2	96.1	70.6	52.3	38.2	26.4	22.6	18.8	15.9	13.2
-65°	118.0	88.3	63.4	50.0	37.0	27.3	23.8	20.2	17.4	14.8	12.4
-67.5°	71.7	57.8	44.5	32.6	27.5	24.3	21.1	18.5	16.1	13.7	11.7
-70°	47.9	36.2	30.3	27.2	24.3	21.4	19.1	17.0	14.7	12.7	11.0
-72.5°	32.6	29.4	26.3	23.6	21.2	19.1	17.3	15.5	13.6	11.8	10.2
-75°	27.2	24.6	22.3	20.1	18.3	16.7	15.4	14.0	12.3	10.8	9.7
-77.5°	21.6	19.7	18.0	16.7	15.5	14.4	13.5	12.4	11.2	10.1	9.2
-80°	16.9	15.8	14.8	13.7	12.9	12.2	11.7	11.3	10.3	9.5	8.7
-82.5°	13.3	12.5	11.8	11.1	10.7	10.5	10.3	10.2	9.5	8.8	8.3
-85°	10.5	9.9	9.3	8.7	8.7	8.8	9.1	9.3	8.8	8.4	7.9
-87.5°	8.8	8.5	8.3	8.1	8.3	8.5	8.6	8.7	8.3	7.9	7.5
-90°	4.4	4.8	5.1	5.4	5.4	5.4	5.4	5.4	5.8	6.1	6.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
67.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
65°	6.9	6.8	6.8	6.8	6.8	6.8	6.8
62.5°	7.0	6.9	6.8	6.8	6.8	6.8	6.8
60°	7.0	7.1	6.8	6.8	6.8	6.8	6.8
57.5°	7.3	7.2	6.9	6.8	6.8	6.8	6.8
55°	7.5	7.3	7.1	6.8	6.8	6.8	6.8
52.5°	7.8	7.5	7.2	6.8	6.8	6.8	6.8
50°	8.0	7.6	7.3	6.8	6.8	6.8	6.8
47.5°	8.1	7.7	7.5	6.8	6.8	6.8	6.8
45°	8.1	7.9	7.6	6.9	6.8	6.8	6.8
42.5°	8.1	8.0	7.8	7.1	6.8	6.8	6.8
40°	8.1	8.0	7.9	7.2	6.8	6.8	6.8
37.5°	8.1	8.1	8.0	7.3	6.8	6.8	6.8
35°	8.1	8.1	8.0	7.4	6.8	6.8	6.8
32.5°	8.1	8.1	8.1	7.5	6.8	6.8	6.8
30°	8.3	8.1	8.1	7.6	6.8	6.8	6.8
27.5°	8.4	8.1	8.1	7.7	6.8	6.8	6.8
25°	8.6	8.1	8.1	7.7	6.8	6.8	6.8
22.5°	8.8	8.1	8.1	7.8	6.8	6.8	6.8
20°	9.0	8.2	8.1	7.9	6.8	6.8	6.8
17.5°	9.2	8.4	8.1	7.9	6.8	6.8	6.8
15°	9.5	8.5	8.1	8.0	6.8	6.8	6.8
12.5°	9.7	8.7	8.1	8.0	6.8	6.8	6.8
10°	10.0	8.8	8.1	8.0	6.8	6.8	6.8
7.5°	10.2	9.0	8.1	8.1	6.8	6.8	6.8
5°	10.4	9.2	8.1	8.1	6.8	6.8	6.8
2.5°	10.6	9.3	8.1	8.1	6.8	6.8	6.8
0°	10.8	9.5	8.1	8.1	6.8	6.8	6.8
-2.5°	11.5	9.6	8.2	8.1	6.9	6.8	6.8
-5°	12.2	9.8	8.3	8.1	6.9	6.8	6.8
-7.5°	12.8	9.9	8.5	8.1	7.0	6.8	6.8
-10°	13.4	10.0	8.6	8.1	7.0	6.8	6.8
-12.5°	13.8	10.1	8.7	8.0	7.1	6.8	6.8
-15°	14.1	10.1	8.7	8.0	7.1	6.8	6.8
-17.5°	14.3	10.2	8.8	8.0	7.2	6.8	6.8
-20°	14.8	10.2	8.8	8.0	7.2	6.8	6.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.7	10.3	8.8	8.0	7.2	6.8	6.8
-25°	16.2	10.5	8.8	8.0	7.2	6.8	6.8
-27.5°	16.3	10.8	8.8	8.0	7.3	6.8	6.8
-30°	16.0	11.0	8.8	8.0	7.3	6.8	6.8
-32.5°	15.2	11.2	8.8	8.0	7.3	6.8	6.8
-35°	15.0	11.2	8.9	8.0	7.3	6.8	6.8
-37.5°	15.1	11.2	8.8	8.0	7.3	6.8	6.8
-40°	15.0	11.2	8.8	8.1	7.2	6.8	6.8
-42.5°	14.7	11.1	8.8	8.1	7.2	6.8	6.8
-45°	14.3	11.0	8.9	8.2	7.2	6.8	6.8
-47.5°	13.8	10.8	8.9	8.2	7.1	6.8	6.8
-50°	13.4	10.5	8.9	8.1	7.1	6.8	6.8
-52.5°	13.0	10.2	8.9	8.0	7.0	6.8	6.8
-55°	12.5	10.1	8.8	7.9	7.0	6.8	6.8
-57.5°	11.9	9.9	8.7	7.8	6.9	6.8	6.8
-60°	11.4	9.7	8.6	7.6	6.8	6.8	6.8
-62.5°	11.0	9.4	8.4	7.5	6.8	6.8	6.8
-65°	10.5	9.2	8.2	7.4	6.8	6.8	6.8
-67.5°	10.0	8.9	8.1	7.2	6.8	6.8	6.8
-70°	9.5	8.6	7.9	7.1	6.8	6.8	6.8
-72.5°	9.1	8.4	7.7	7.1	6.8	6.8	6.8
-75°	8.8	8.1	7.4	7.0	6.8	6.8	6.8
-77.5°	8.5	7.8	7.3	7.0	6.8	6.8	6.8
-80°	8.1	7.6	7.2	7.0	6.8	6.8	6.8
-82.5°	7.8	7.4	7.1	6.9	6.8	6.8	6.8
-85°	7.5	7.2	7.0	6.9	6.8	6.8	6.8
-87.5°	7.1	7.0	6.9	6.8	6.8	6.8	6.8
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8

(END OF REPORT)