

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: P1305606 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305606 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-4S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

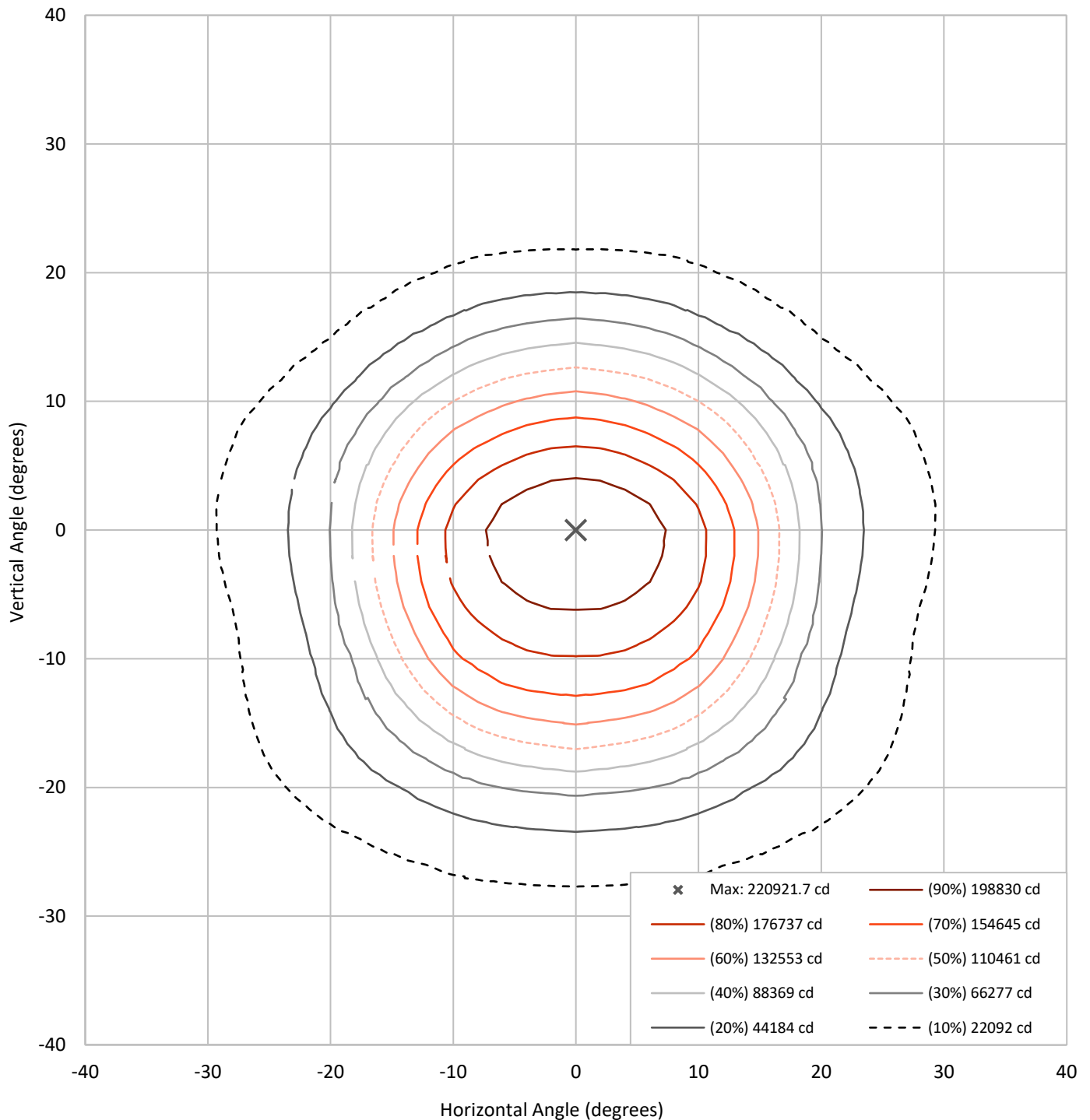
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	70704.9 lumens	Max Intensity:	220921.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	38798.1 lumens	Field Lumens:	62162.9 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%

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





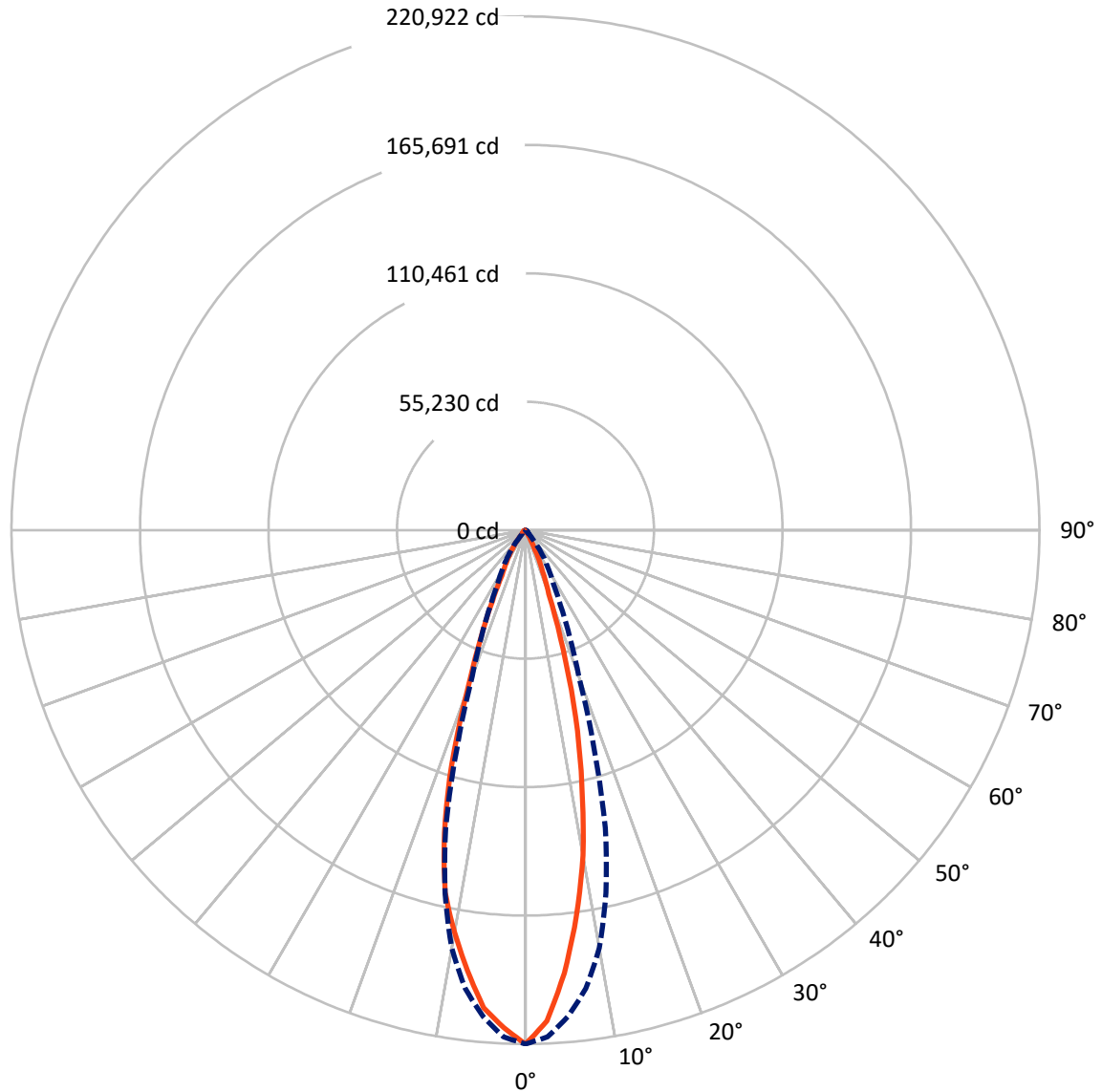
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Lumen Table

90	0.2	0.5		0.6		0.6		0.5		0.6		0.6		0.5		0.2
80	0.2	0.5		0.6		0.6		0.5		0.6		0.6		0.5		0.2
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.2	0.1	0.2
60		0.1	0.3	0.8	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.8	0.3	0.1	
50	0.2	0.2	0.4	0.6	0.6	0.8	1.1	1.4	1.4	1.1	0.8	0.6	0.6	0.4	0.2	0.2
40		0.2	0.8	1.7	2.9	6.6	13.3	18.4	18.4	13.3	6.6	2.9	1.7	0.8	0.2	
30	0.2	0.4	2.6	7.0	25.9	94.3	223.3	377.7	377.7	223.3	94.3	25.9	7.0	2.6	0.4	0.2
20		0.9	5.8	18.6	114.5	396.3	1216.2	2297.8	2297.8	1216.2	396.3	114.5	18.6	5.8	0.9	
10	0.3	1.6	9.9	35.1	266.6	949.6	3150.0	5322.3	5322.3	3150.0	949.6	266.6	35.1	9.9	1.6	0.3
0		2.7	13.1	41.7	277.9	979.3	3535.4	5843.2	5843.2	3535.4	979.3	277.9	41.7	13.1	2.7	
-10	0.5	3.2	13.4	35.9	216.8	721.9	2111.4	3688.7	3688.7	2111.4	721.9	216.8	35.9	13.4	3.2	0.5
-20		2.9	11.5	24.7	93.7	342.6	713.1	1067.3	1067.3	713.1	342.6	93.7	24.7	11.5	2.9	
-30	0.4	2.3	8.8	17.1	32.2	92.5	210.1	296.8	296.8	210.1	92.5	32.2	17.1	8.8	2.3	0.4
-40		1.4	5.9	13.0	21.2	32.2	47.1	61.7	61.7	47.1	32.2	21.2	13.0	5.9	1.4	
-50	0.2	0.7	3.1	8.5	15.7	22.6	29.0	32.8	32.8	29.0	22.6	15.7	8.5	3.1	0.7	0.2
-60		0.3	1.2	3.5	7.6	13.1	18.7	22.0	22.0	18.7	13.1	7.6	3.5	1.2	0.3	
-70	0.2	0.7	3.1	8.5	15.7	22.6	29.0	32.8	32.8	29.0	22.6	15.7	8.5	3.1	0.7	0.2
-80		0.3	1.2	3.5	7.6	13.1	18.7	22.0	22.0	18.7	13.1	7.6	3.5	1.2	0.3	
-90	0.2	0.8		2.8		7.4		10.5		7.4		2.8		0.8		0.2

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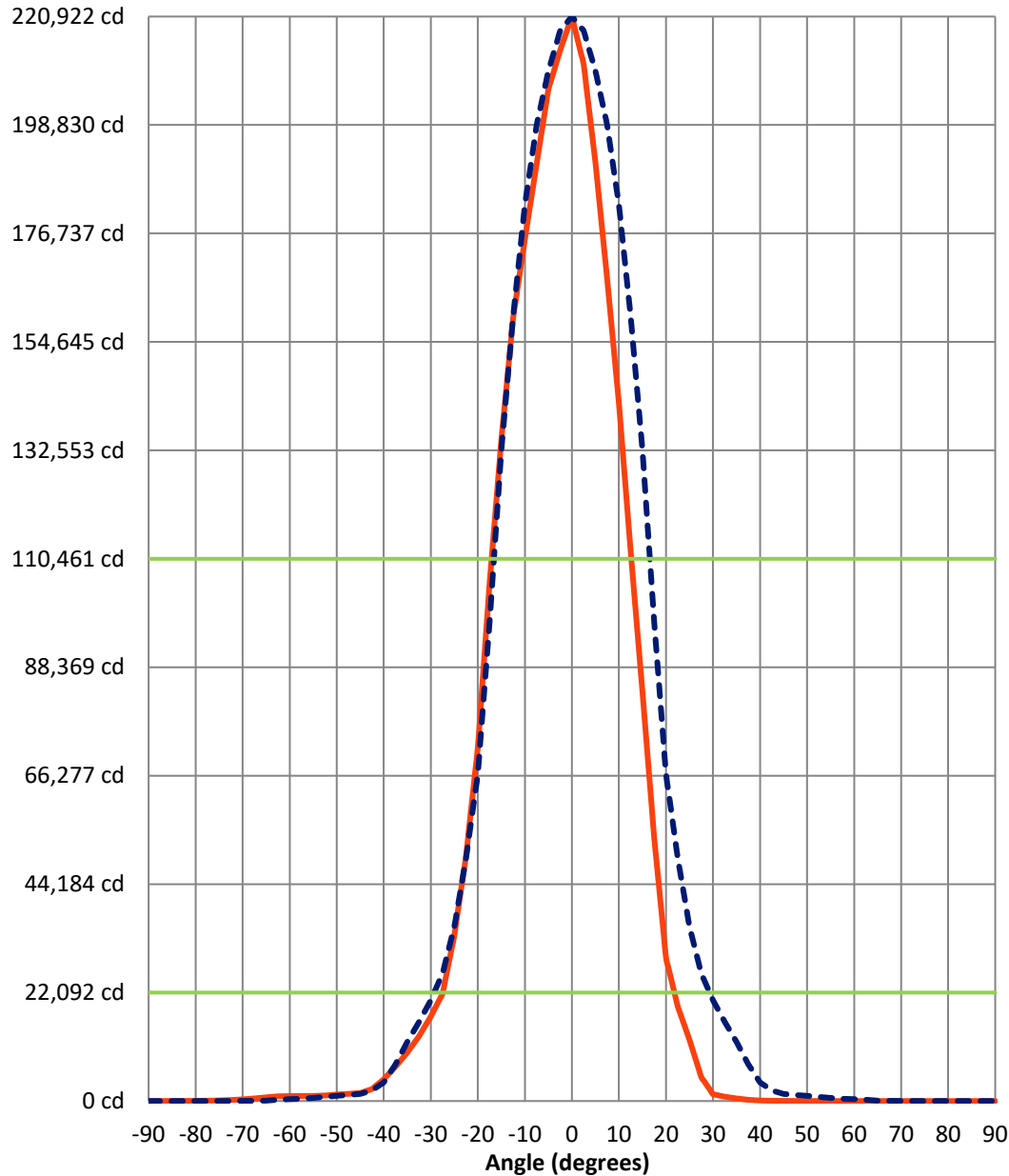
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 38798.1
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 62162.9
 Efficiency: 87.9%

Spill:
 Lumens: 8542
 Efficiency: 12.1%

- 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°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
85°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
82.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.8
80°	7.8	7.8	7.8	7.8	7.8	7.8	7.9	8.1	8.2	8.1	7.8
77.5°	7.8	7.8	7.8	7.8	7.8	7.9	8.3	8.5	8.5	8.3	7.9
75°	7.8	7.8	7.8	7.8	7.9	8.3	8.8	9.0	8.9	8.4	7.9
72.5°	7.8	7.8	7.8	7.8	8.2	8.7	9.3	9.4	8.9	8.5	8.0
70°	7.8	7.8	7.8	7.8	8.5	9.1	9.7	9.4	9.0	8.5	8.6
67.5°	7.8	7.8	7.8	8.1	8.8	9.5	9.7	9.5	9.0	9.0	9.3
65°	7.8	7.8	7.8	8.3	9.1	9.7	9.7	9.5	9.3	9.4	9.7
62.5°	7.8	7.8	7.8	8.5	9.4	9.7	9.7	9.6	9.5	9.7	9.7
60°	7.8	7.8	7.8	8.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
57.5°	7.8	7.8	7.9	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7
55°	7.8	7.8	8.1	9.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7
52.5°	7.8	7.8	8.2	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7
50°	7.8	7.8	8.3	9.6	9.7	9.7	9.7	9.7	9.7	9.7	10.6
47.5°	7.8	7.8	8.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	11.5
45°	7.8	7.8	8.6	9.7	9.7	9.7	9.7	9.7	9.8	10.3	12.2
42.5°	7.8	7.8	8.7	9.7	9.7	9.7	9.7	9.8	9.9	10.9	12.7
40°	7.8	7.8	8.8	9.7	9.7	9.7	9.7	9.9	10.2	11.4	13.1
37.5°	7.8	7.8	8.9	9.7	9.7	9.7	9.7	10.1	10.8	12.0	13.5
35°	7.8	7.8	9.0	9.7	9.7	9.7	9.7	10.4	11.3	12.6	13.8
32.5°	7.8	7.8	9.1	9.7	9.7	9.7	9.8	10.6	11.9	13.2	14.7
30°	7.8	7.8	9.2	9.7	9.7	9.7	10.0	11.0	12.4	13.8	16.0
27.5°	7.8	7.8	9.3	9.7	9.7	9.7	10.2	11.4	12.9	14.3	17.6
25°	7.8	7.8	9.3	9.7	9.7	9.7	10.4	11.8	13.3	15.3	19.5
22.5°	7.8	7.8	9.4	9.7	9.7	9.7	10.7	12.2	13.8	16.7	23.5
20°	7.8	7.8	9.5	9.7	9.7	9.9	10.9	12.5	14.2	18.1	27.7
17.5°	7.8	7.8	9.5	9.7	9.7	10.1	11.2	12.9	14.6	19.7	31.8
15°	7.8	7.8	9.6	9.7	9.7	10.3	11.4	13.2	15.0	21.4	36.0
12.5°	7.8	7.8	9.6	9.7	9.7	10.5	11.5	13.6	16.0	23.0	40.1
10°	7.8	7.8	9.6	9.7	9.7	10.7	11.6	14.1	17.8	26.8	45.7
7.5°	7.8	7.8	9.7	9.7	9.7	11.0	11.7	14.5	19.6	31.0	55.0
5°	7.8	7.8	9.7	9.7	9.7	11.2	11.7	14.9	21.6	35.1	64.3
2.5°	7.8	7.8	9.7	9.7	9.7	11.5	11.7	15.3	23.5	39.1	73.3
0°	7.8	7.8	9.7	9.7	9.7	11.7	11.7	15.6	25.3	42.9	81.8
-2.5°	7.8	7.8	9.7	9.7	9.7	11.7	12.7	18.6	32.6	56.8	105.8
-5°	7.8	7.8	9.7	9.7	9.7	11.7	13.7	21.5	39.6	70.1	128.5
-7.5°	7.8	7.8	9.7	9.7	9.7	11.6	14.7	24.2	46.0	82.3	149.2
-10°	7.8	7.8	9.6	9.7	9.7	11.5	15.5	26.6	51.7	93.2	167.3
-12.5°	7.8	7.8	9.6	9.7	9.7	11.5	16.1	28.6	56.4	102.5	179.3
-15°	7.8	7.8	9.6	9.7	9.7	11.4	16.6	30.2	60.4	109.6	187.2
-17.5°	7.8	7.8	9.5	9.7	9.7	11.2	16.8	31.8	63.6	114.9	192.4
-20°	7.8	7.8	9.5	9.7	9.7	11.1	17.2	33.4	65.5	118.1	194.9



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 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	7.8	9.4	9.7	9.7	10.9	17.9	34.4	66.0	119.2	194.4
-25°	7.8	7.8	9.3	9.7	9.7	11.1	18.2	34.8	64.8	117.9	190.9
-27.5°	7.8	7.8	9.3	9.7	9.7	11.2	18.1	34.5	62.1	115.2	188.9
-30°	7.8	7.8	9.2	9.7	9.7	11.3	17.6	33.5	60.2	111.9	184.0
-32.5°	7.8	7.8	9.1	9.7	9.8	11.2	16.6	32.7	58.9	106.2	175.7
-35°	7.8	7.8	9.0	9.7	9.9	10.9	16.2	31.5	56.6	98.2	164.2
-37.5°	7.8	7.8	8.9	9.7	10.0	10.7	15.9	29.7	53.3	87.8	146.2
-40°	7.8	7.8	8.8	9.7	10.0	10.8	15.4	27.2	48.9	80.9	128.7
-42.5°	7.8	7.8	8.7	9.7	10.1	10.9	14.6	23.9	44.7	73.2	110.3
-45°	7.8	7.8	8.6	9.8	10.1	10.9	13.6	21.2	40.2	64.6	92.4
-47.5°	7.8	7.8	8.5	9.8	10.2	10.9	12.3	19.6	34.7	55.5	82.1
-50°	7.8	7.8	8.3	9.7	10.2	10.8	12.1	17.8	28.0	47.7	71.1
-52.5°	7.8	7.8	8.2	9.6	10.3	10.7	11.9	15.6	23.8	39.4	59.7
-55°	7.8	7.8	8.1	9.4	10.3	10.8	11.8	13.3	20.6	30.4	49.4
-57.5°	7.8	7.8	7.9	9.2	10.4	10.8	11.5	13.0	17.1	25.0	38.4
-60°	7.8	7.8	7.8	9.0	10.4	10.9	11.3	12.6	14.0	20.5	28.9
-62.5°	7.8	7.8	7.8	8.8	10.2	10.9	11.4	12.2	13.5	15.7	23.1
-65°	7.8	7.8	7.8	8.7	9.9	11.0	11.4	11.9	12.9	14.2	17.1
-67.5°	7.8	7.8	7.8	8.4	9.6	10.8	11.5	11.9	12.4	13.6	14.7
-70°	7.8	7.8	7.8	8.2	9.3	10.5	11.5	11.8	12.2	12.9	14.0
-72.5°	7.8	7.8	7.8	8.2	9.0	10.1	11.1	11.7	12.0	12.5	13.3
-75°	7.8	7.8	7.8	8.1	8.7	9.7	10.7	11.3	11.7	12.1	12.6
-77.5°	7.8	7.8	7.8	8.1	8.6	9.3	10.2	10.7	11.1	11.5	11.9
-80°	7.8	7.8	7.8	8.0	8.4	9.0	9.7	10.1	10.4	10.7	11.1
-82.5°	7.8	7.8	7.8	8.0	8.3	8.7	9.3	9.5	9.7	10.0	10.2
-85°	7.8	7.8	7.8	7.9	8.1	8.4	8.8	8.9	9.1	9.3	9.4
-87.5°	7.8	7.8	7.8	7.9	8.0	8.1	8.3	8.4	8.4	8.5	8.6
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.3	6.8	6.3
87.5°	7.3	6.8	6.3	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4
85°	7.3	6.8	6.4	6.1	6.1	6.1	6.0	5.8	5.6	5.4	5.2
82.5°	7.5	7.3	7.2	7.2	7.1	6.8	6.3	5.8	5.8	5.8	5.8
80°	7.7	7.8	7.8	7.8	7.4	6.9	6.4	5.9	5.8	5.9	5.9
77.5°	7.8	7.8	7.8	7.8	7.4	7.1	6.9	6.9	6.9	6.7	6.4
75°	7.8	7.8	7.9	7.9	7.7	7.7	7.8	7.8	7.5	7.0	6.5
72.5°	8.1	8.3	8.3	8.0	7.8	7.8	7.8	7.8	8.0	8.1	8.0
70°	8.9	9.0	8.6	8.1	7.8	8.1	9.1	10.1	10.8	10.9	11.2
67.5°	9.6	9.1	8.7	8.4	9.3	10.5	11.7	13.2	14.8	15.4	16.2
65°	9.7	9.2	9.2	10.1	11.5	13.0	14.7	16.7	20.9	23.5	24.8
62.5°	9.7	9.6	10.2	11.6	13.6	15.5	18.5	23.3	29.6	34.0	34.2
60°	9.7	9.9	11.4	13.5	15.6	18.2	22.8	30.0	39.5	46.7	42.6
57.5°	9.7	10.8	13.1	15.3	17.4	20.3	27.3	36.5	46.3	56.6	48.4
55°	10.2	12.4	14.6	16.6	19.2	23.0	30.2	39.0	49.7	52.7	43.3
52.5°	11.5	13.7	15.5	17.8	21.1	24.7	29.8	37.5	40.9	41.7	36.0
50°	12.7	14.4	16.2	18.9	22.4	25.4	26.9	31.5	32.8	31.2	28.1
47.5°	13.4	15.0	16.7	19.7	23.2	25.7	25.8	26.0	25.6	25.2	20.7
45°	13.9	15.6	17.2	20.6	24.3	26.6	25.3	21.7	24.7	23.9	22.8
42.5°	14.4	16.1	18.9	21.6	26.5	27.9	25.9	26.8	27.6	28.8	29.3
40°	14.9	16.7	21.3	26.5	29.3	30.0	33.2	35.6	34.5	37.8	39.7
37.5°	15.3	19.3	25.8	35.5	32.4	36.7	42.8	52.4	52.8	49.7	57.2
35°	15.7	22.3	36.7	47.2	44.7	47.3	63.3	76.0	79.8	75.6	80.4
32.5°	17.6	25.7	50.5	61.4	67.6	70.8	89.0	108.2	122.7	125.5	113.7
30°	21.2	38.3	66.3	78.5	96.6	114.1	126.8	150.0	179.7	203.0	212.5
27.5°	25.9	53.6	82.7	104.8	132.4	162.3	184.1	213.2	261.6	303.2	337.4
25°	30.9	74.4	101.1	137.0	178.0	216.7	250.4	298.7	362.9	432.0	552.0
22.5°	42.0	98.0	128.7	172.6	226.7	275.1	331.2	400.0	482.2	576.9	799.6
20°	60.1	121.4	162.0	212.3	279.1	336.4	415.4	503.2	615.4	817.5	1195.6
17.5°	79.4	146.4	196.2	259.2	342.1	414.5	503.1	605.9	754.3	1077.8	1822.4
15°	99.5	172.8	228.8	308.9	411.0	514.4	621.3	733.2	945.6	1446.0	2620.6
12.5°	119.7	199.8	259.7	360.3	483.9	618.6	746.2	888.4	1195.7	2079.0	3803.1
10°	139.7	227.1	289.0	412.2	559.2	725.1	869.9	1037.4	1455.5	2652.3	4860.5
7.5°	172.6	262.6	320.3	463.3	635.0	831.6	991.4	1179.4	1709.4	3152.1	5834.4
5°	207.3	306.2	370.1	525.8	709.7	926.5	1101.2	1313.2	1949.7	3572.5	6747.9
2.5°	240.5	348.1	418.7	585.9	779.8	1000.3	1170.9	1388.2	2078.3	3769.1	7312.1
0°	270.8	387.7	465.6	641.0	843.6	1065.7	1233.2	1453.4	2156.7	3806.9	7493.0
-2.5°	307.5	431.2	514.1	684.8	878.5	1104.1	1272.8	1502.9	2237.8	4019.8	7525.7
-5°	339.1	471.5	560.4	723.8	907.8	1134.1	1305.9	1541.6	2275.7	4116.7	7367.5
-7.5°	364.6	508.3	604.1	754.7	923.0	1140.1	1318.0	1547.9	2249.3	4066.8	7043.7
-10°	380.0	523.8	614.7	754.2	918.0	1127.4	1318.1	1542.4	2173.3	3859.8	6589.0
-12.5°	368.8	519.5	616.6	748.5	908.7	1106.1	1308.7	1524.7	2043.9	3477.6	6057.0
-15°	355.1	512.6	615.4	737.6	895.2	1076.2	1289.3	1494.6	1842.3	2884.9	5399.8
-17.5°	339.3	503.0	610.7	721.4	878.2	1037.6	1249.7	1416.1	1633.7	2458.0	4642.3
-20°	322.1	491.0	602.4	699.8	857.3	982.0	1156.5	1327.9	1526.4	2090.2	3623.4



REPORT NUMBER: P1305606 (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°	304.2	476.6	588.7	685.8	804.3	918.0	1058.5	1226.5	1408.3	1633.3	2539.6
-25°	293.7	449.7	568.9	653.3	746.8	852.8	957.8	1112.9	1285.0	1466.3	1943.2
-27.5°	288.2	423.7	536.6	620.9	691.5	787.5	876.8	1000.6	1160.2	1315.1	1466.2
-30°	278.9	386.8	503.7	587.3	651.3	727.0	803.9	904.3	1046.0	1182.0	1307.3
-32.5°	258.8	349.3	463.2	549.8	615.8	670.9	747.0	836.6	945.6	1063.7	1164.6
-35°	234.1	319.7	419.5	512.5	580.7	633.0	701.4	776.8	856.8	959.2	1079.8
-37.5°	211.2	287.6	376.0	470.7	540.5	604.1	656.7	724.5	793.6	869.4	990.0
-40°	186.6	253.1	336.7	423.7	504.6	570.4	625.1	675.8	736.2	812.0	892.6
-42.5°	161.0	224.0	296.4	377.7	458.8	529.9	591.9	638.7	690.2	755.6	827.3
-45°	139.7	193.3	255.2	332.1	408.6	483.4	546.7	605.8	655.2	703.2	765.2
-47.5°	117.5	163.1	220.0	285.6	358.3	428.5	497.0	562.2	625.1	670.0	708.0
-50°	97.3	138.1	184.5	244.7	308.1	373.8	438.0	514.3	580.9	637.6	681.8
-52.5°	84.4	112.3	154.9	204.3	261.3	320.4	383.8	454.0	526.2	593.5	645.2
-55°	70.7	94.8	124.9	167.6	216.0	269.6	328.8	393.3	459.0	526.6	592.7
-57.5°	57.5	78.9	101.9	131.7	173.6	219.4	273.8	330.9	391.4	452.8	513.9
-60°	44.2	63.0	83.7	105.5	131.1	172.3	217.3	267.6	321.3	376.4	431.6
-62.5°	31.6	47.0	65.2	84.8	105.2	127.5	163.8	205.7	249.1	294.8	342.8
-65°	24.5	32.5	46.0	63.3	81.9	101.4	123.0	146.6	182.7	218.2	252.0
-67.5°	17.2	24.6	31.9	40.8	56.7	73.5	91.7	111.2	132.2	152.9	177.1
-70°	15.3	17.4	23.2	29.7	35.9	44.2	58.9	74.8	91.0	106.7	124.0
-72.5°	14.4	16.0	18.0	20.5	25.7	30.9	35.9	40.8	50.4	63.3	76.0
-75°	13.4	14.4	15.8	17.7	19.7	21.9	24.4	28.8	32.8	36.6	40.5
-77.5°	12.4	13.0	13.9	14.9	16.1	17.7	19.5	21.4	23.0	24.6	26.3
-80°	11.4	11.7	12.2	12.8	13.5	14.4	15.3	16.4	17.2	18.0	19.0
-82.5°	10.5	10.7	10.9	11.1	11.3	11.5	11.8	12.4	12.9	13.4	13.9
-85°	9.6	9.7	9.8	10.0	9.8	9.6	9.5	9.4	9.6	9.9	10.1
-87.5°	8.7	8.7	8.8	8.9	8.7	8.4	8.1	7.8	7.7	7.6	7.5
-90°	7.3	6.8	6.3	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.8	5.8	5.8	5.8	5.8	6.8	7.8	8.7	9.7	10.7	11.7
87.5°	3.9	3.9	3.9	3.9	3.9	3.4	2.9	2.4	1.9	1.9	1.9
85°	5.1	4.9	4.6	4.3	3.9	3.8	3.8	3.8	3.8	3.3	2.9
82.5°	5.8	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.4	2.9
80°	5.8	5.4	4.9	4.4	4.0	3.9	3.9	3.9	3.9	3.4	2.9
77.5°	5.9	5.5	5.2	5.0	4.9	4.8	4.6	4.3	4.0	3.5	2.9
75°	6.0	5.9	6.0	6.0	5.9	5.5	5.0	4.5	4.0	3.8	3.8
72.5°	7.6	7.3	7.2	7.4	7.3	7.1	6.8	6.2	5.6	5.5	5.6
70°	11.4	11.6	11.7	11.5	10.9	10.0	9.2	8.4	7.6	7.4	7.5
67.5°	17.2	17.5	16.9	15.7	13.7	11.9	11.2	10.4	9.5	9.3	9.4
65°	24.8	22.9	21.0	18.7	16.2	13.4	12.6	11.9	11.4	11.4	12.0
62.5°	32.1	26.1	21.0	17.8	15.4	13.4	12.5	11.7	10.9	10.5	10.8
60°	35.3	25.1	18.2	16.1	14.0	12.0	10.8	9.9	9.1	8.5	8.9
57.5°	35.4	24.5	16.8	14.3	12.2	10.4	9.4	8.8	8.3	7.9	8.4
55°	31.5	21.8	14.3	12.3	11.0	10.1	9.6	9.5	9.3	9.0	9.4
52.5°	25.3	18.2	13.3	11.5	11.6	11.6	11.5	11.5	11.7	12.0	12.6
50°	20.2	15.5	14.1	13.3	13.7	13.8	13.5	14.3	15.3	15.9	16.4
47.5°	18.5	17.0	17.1	16.6	17.3	18.7	19.0	19.6	21.1	22.0	22.6
45°	20.6	22.0	22.9	24.5	25.5	27.7	28.5	28.5	31.7	33.9	35.1
42.5°	28.7	31.2	34.2	37.3	38.9	41.7	44.6	46.2	51.1	54.9	56.4
40°	43.3	44.8	51.2	55.1	58.0	61.6	70.7	76.6	86.0	103.5	116.2
37.5°	63.7	68.3	72.2	77.8	90.0	96.0	124.9	151.0	169.0	212.5	237.1
35°	93.2	106.1	101.6	126.6	157.4	196.2	238.3	301.2	350.9	409.8	464.1
32.5°	146.2	177.5	207.7	236.7	306.1	417.2	420.3	537.8	616.5	711.9	795.8
30°	231.3	342.0	481.2	527.4	722.4	940.6	880.0	1060.3	1239.1	1345.4	1712.3
27.5°	456.5	705.9	982.6	1334.1	1697.7	2072.7	2321.0	2407.9	3312.0	3976.8	4842.1
25°	781.1	1218.7	1991.5	2560.8	3199.3	4032.1	4513.2	5160.7	6668.7	8547.9	10007.5
22.5°	1244.8	2009.4	3030.5	3891.9	4849.0	5971.3	6986.3	8538.9	10883.8	13448.9	15631.0
20°	1764.5	2750.3	4044.0	5334.7	6589.3	8051.9	9817.9	12988.2	16611.5	20632.3	24267.3
17.5°	2723.3	3692.6	5349.5	7114.0	8896.5	10658.2	14541.8	19237.0	24909.0	30866.8	36158.5
15°	4093.5	5662.3	7305.7	9638.9	12605.7	15991.2	20909.6	29144.6	37953.9	47252.1	58336.9
12.5°	5881.5	8155.9	10621.1	13322.6	17345.2	23525.3	31684.2	41735.9	54345.1	68294.8	84068.2
10°	7706.2	10986.3	14381.2	18239.4	23541.2	31501.5	42038.3	54624.1	74453.8	93998.6	110460.9
7.5°	9189.8	13012.4	17295.7	22420.8	29331.1	39030.5	52051.5	70241.0	93889.0	117143.9	135560.5
5°	10581.7	14780.9	19240.0	24476.4	32807.5	44503.9	60185.1	82878.9	111169.9	135901.8	155636.1
2.5°	11591.3	16002.4	20615.4	25943.6	35441.7	47831.2	65047.3	93197.4	125760.3	151099.7	173727.2
0°	12038.2	16119.8	20532.6	25999.4	35528.3	49528.4	66733.4	97554.7	132514.1	159755.4	182484.7
-2.5°	11484.1	15446.7	20000.4	25341.0	34893.1	48342.1	66114.3	97064.0	132143.6	159770.7	182179.7
-5°	10897.9	14654.4	18881.7	23818.3	32528.4	45033.6	63166.2	92737.5	126400.2	154175.0	176034.8
-7.5°	10272.9	13711.0	17493.0	21922.2	29649.4	41683.1	58520.3	83478.6	114944.1	143223.7	163782.8
-10°	9558.3	12688.3	16665.4	21359.8	28086.7	38547.2	52471.4	72466.1	101937.6	128212.3	150785.0
-12.5°	9138.8	12477.3	16451.5	20763.4	26189.7	35408.1	48077.3	65133.1	85307.2	109713.6	129798.7
-15°	8599.6	11978.9	15920.3	19965.6	24988.5	32185.9	42188.8	54716.2	70066.9	86513.9	104341.5
-17.5°	7713.1	11090.4	14264.4	18061.1	22831.8	28518.4	35706.7	45428.8	55614.0	67267.5	77933.5
-20°	6253.1	8981.3	11982.9	15560.2	19661.3	23970.5	28770.9	35395.2	41856.1	50014.6	56564.2



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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°	4498.8	6804.8	9405.4	12361.9	15609.5	19298.8	22915.0	26410.8	30838.7	36002.9	41265.4
-25°	2930.0	4636.0	6887.9	9311.0	11579.2	14527.5	17125.6	19213.3	22199.2	24535.9	27725.0
-27.5°	2028.9	3137.7	4815.3	6745.9	8535.0	10422.2	12537.2	13962.5	16288.5	17552.6	19507.5
-30°	1484.5	2106.9	3313.4	4757.3	6316.0	7922.4	9432.3	10999.5	12617.5	14048.2	15133.2
-32.5°	1316.5	1561.0	2156.0	3195.2	4414.8	5761.8	7040.4	8406.7	9695.6	10804.7	11699.7
-35°	1202.4	1339.5	1526.4	2076.0	2803.8	3855.4	4861.2	5967.2	7002.5	7859.9	8578.4
-37.5°	1112.0	1221.8	1339.5	1460.0	1868.6	2328.9	3043.8	3812.4	4476.8	5235.8	5822.1
-40°	1009.4	1126.7	1220.9	1317.2	1425.5	1540.9	1928.0	2272.1	2647.4	3159.8	3578.5
-42.5°	903.5	1005.6	1111.7	1201.3	1283.1	1369.4	1456.4	1533.5	1724.0	1949.9	2121.4
-45°	830.3	902.5	980.3	1075.2	1163.2	1238.0	1308.4	1375.8	1445.0	1508.9	1561.9
-47.5°	765.7	824.1	888.2	953.4	1019.6	1096.5	1168.6	1237.2	1297.1	1351.6	1395.5
-50°	718.7	759.0	812.3	863.8	920.3	974.0	1021.9	1078.0	1139.5	1195.3	1239.9
-52.5°	694.8	730.1	760.7	797.6	848.7	893.6	933.0	977.5	1020.2	1059.3	1088.0
-55°	647.9	694.1	738.8	780.3	815.5	847.6	881.8	925.4	962.9	995.2	1013.0
-57.5°	574.5	633.8	690.0	742.6	792.2	838.8	877.5	912.2	946.9	979.9	995.1
-60°	487.7	544.3	603.0	666.4	730.3	794.0	840.9	885.6	927.8	963.2	981.9
-62.5°	394.4	446.0	498.5	555.6	616.4	676.0	727.1	780.5	835.2	882.2	912.4
-65°	288.3	332.3	379.4	426.2	472.5	520.1	565.7	610.6	654.2	689.5	714.1
-67.5°	206.7	235.1	264.2	294.2	330.1	366.8	400.5	433.2	464.3	489.3	507.7
-70°	142.1	160.4	177.6	196.7	219.6	241.9	262.8	282.5	301.0	316.7	329.8
-72.5°	88.5	100.4	112.3	125.7	138.8	151.3	163.0	174.0	184.2	193.5	201.9
-75°	44.4	50.1	59.5	68.4	76.9	85.6	93.8	100.9	107.0	112.2	116.6
-77.5°	28.8	32.4	35.9	39.1	42.1	46.2	50.7	55.3	59.8	63.5	66.9
-80°	20.1	22.1	24.2	26.4	28.5	31.1	33.7	36.3	38.9	40.5	42.0
-82.5°	14.3	15.4	16.6	17.9	19.1	21.0	22.8	24.7	26.4	27.7	28.9
-85°	10.3	10.8	11.3	11.9	12.5	14.1	15.8	17.4	19.1	20.2	21.2
-87.5°	7.4	7.5	7.5	7.6	7.6	9.1	10.5	12.0	13.5	14.0	14.6
-90°	3.9	3.9	3.9	3.9	3.9	3.4	2.9	2.4	1.9	1.9	1.9



REPORT NUMBER: P1305606 (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°	12.6	13.6	13.6	13.6	13.6	13.6	12.6	11.7	10.7	9.7	8.7
87.5°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.5	4.0	4.3
75°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	4.0	4.5
72.5°	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.6	6.2
70°	7.7	7.7	6.9	5.8	6.9	7.7	7.7	7.5	7.4	7.6	8.4
67.5°	9.5	9.6	10.6	11.7	10.6	9.6	9.5	9.4	9.3	9.5	10.4
65°	12.7	13.3	12.7	11.7	12.7	13.3	12.7	12.0	11.4	11.4	11.9
62.5°	11.2	11.7	10.8	9.7	10.8	11.7	11.2	10.8	10.5	10.9	11.7
60°	9.2	9.7	9.7	9.7	9.7	9.7	9.2	8.9	8.5	9.1	9.9
57.5°	9.0	9.5	9.7	9.7	9.7	9.5	9.0	8.4	7.9	8.3	8.8
55°	9.6	9.7	9.7	9.7	9.7	9.7	9.6	9.4	9.0	9.3	9.5
52.5°	13.0	13.3	13.5	13.6	13.5	13.3	13.0	12.6	12.0	11.7	11.5
50°	16.9	17.2	17.4	17.5	17.4	17.2	16.9	16.4	15.9	15.3	14.3
47.5°	23.1	23.2	23.3	23.4	23.3	23.2	23.1	22.6	22.0	21.1	19.6
45°	35.6	35.2	34.8	35.1	34.8	35.2	35.6	35.1	33.9	31.7	28.5
42.5°	57.9	58.0	57.8	58.4	57.8	58.0	57.9	56.4	54.9	51.1	46.2
40°	119.7	115.5	109.3	109.1	109.3	115.5	119.7	116.2	103.5	86.0	76.6
37.5°	249.2	253.6	253.0	257.2	253.0	253.6	249.2	237.1	212.5	169.0	151.0
35°	505.4	528.1	533.2	531.9	533.2	528.1	505.4	464.1	409.8	350.9	301.2
32.5°	832.4	862.5	871.0	882.6	871.0	862.5	832.4	795.8	711.9	616.5	537.8
30°	1463.5	1504.0	1465.5	1387.2	1465.5	1504.0	1463.5	1712.3	1345.4	1239.1	1060.3
27.5°	5302.9	5497.3	5059.6	4899.8	5059.6	5497.3	5302.9	4842.1	3976.8	3312.0	2407.9
25°	10807.1	11667.3	12548.9	12470.7	12548.9	11667.3	10807.1	10007.5	8547.9	6668.7	5160.7
22.5°	17441.3	18312.9	19039.4	19289.6	19039.4	18312.9	17441.3	15631.0	13448.9	10883.8	8538.9
20°	27625.5	29323.1	30538.6	29243.2	30538.6	29323.1	27625.5	24267.3	20632.3	16611.5	12988.2
17.5°	44157.7	49269.6	51925.2	53602.2	51925.2	49269.6	44157.7	36158.5	30866.8	24909.0	19237.0
15°	68547.3	76256.5	80527.6	83355.8	80527.6	76256.5	68547.3	58336.9	47252.1	37953.9	29144.6
12.5°	96674.5	105079.9	108854.8	111935.7	108854.8	105079.9	96674.5	84068.2	68294.8	54345.1	41735.9
10°	123413.1	132494.0	138781.2	142048.8	138781.2	132494.0	123413.1	110460.9	93998.6	74453.8	54624.1
7.5°	147912.3	159020.7	165400.7	167431.5	165400.7	159020.7	147912.3	135560.5	117143.9	93889.0	70241.0
5°	171875.6	181786.8	189459.5	191199.2	189459.5	181786.8	171875.6	155636.1	135901.8	111169.9	82878.9
2.5°	190326.4	202204.7	209093.2	211175.6	209093.2	202204.7	190326.4	173727.2	151099.7	125760.3	93197.4
0°	198781.8	209840.1	217996.4	220921.7	217996.4	209840.1	198781.8	182484.7	159755.4	132514.1	97554.7
-2.5°	197013.2	207204.1	213042.4	214048.3	213042.4	207204.1	197013.2	182179.7	159770.7	132143.6	97064.0
-5°	190793.1	200156.4	205922.8	206087.7	205922.8	200156.4	190793.1	176034.8	154175.0	126400.2	92737.5
-7.5°	177130.3	185886.0	189906.2	190915.8	189906.2	185886.0	177130.3	163782.8	143223.7	114944.1	83478.6
-10°	163224.2	171347.3	175146.1	175566.5	175146.1	171347.3	163224.2	150785.0	128212.3	101937.6	72466.1
-12.5°	145211.2	153903.0	157696.0	159479.7	157696.0	153903.0	145211.2	129798.7	109713.6	85307.2	65133.1
-15°	118406.0	126810.8	131361.3	134721.4	131361.3	126810.8	118406.0	104341.5	86513.9	70066.9	54716.2
-17.5°	89684.4	96888.4	101372.8	105454.8	101372.8	96888.4	89684.4	77933.5	67267.5	55614.0	45428.8
-20°	63851.4	68439.3	69848.4	72048.2	69848.4	68439.3	63851.4	56564.2	50014.6	41856.1	35395.2



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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°	44846.1	47454.7	49107.0	50040.8	49107.0	47454.7	44846.1	41265.4	36002.9	30838.7	26410.8
-25°	30402.5	32211.6	32915.2	33726.1	32915.2	32211.6	30402.5	27725.0	24535.9	22199.2	19213.3
-27.5°	20364.9	21107.7	21615.1	21890.5	21615.1	21107.7	20364.9	19507.5	17552.6	16288.5	13962.5
-30°	16006.5	16685.8	17093.2	17222.5	17093.2	16685.8	16006.5	15133.2	14048.2	12617.5	10999.5
-32.5°	12392.6	12906.1	13180.5	13216.9	13180.5	12906.1	12392.6	11699.7	10804.7	9695.6	8406.7
-35°	9180.8	9648.5	9907.4	9889.3	9907.4	9648.5	9180.8	8578.4	7859.9	7002.5	5967.2
-37.5°	6326.4	6722.8	6966.1	7029.3	6966.1	6722.8	6326.4	5822.1	5235.8	4476.8	3812.4
-40°	3957.7	4248.9	4422.8	4445.9	4422.8	4248.9	3957.7	3578.5	3159.8	2647.4	2272.1
-42.5°	2271.8	2389.8	2456.0	2452.8	2456.0	2389.8	2271.8	2121.4	1949.9	1724.0	1533.5
-45°	1596.7	1623.1	1638.0	1640.4	1638.0	1623.1	1596.7	1561.9	1508.9	1445.0	1375.8
-47.5°	1427.1	1452.2	1465.5	1467.0	1465.5	1452.2	1427.1	1395.5	1351.6	1297.1	1237.2
-50°	1275.6	1305.3	1321.4	1324.8	1321.4	1305.3	1275.6	1239.9	1195.3	1139.5	1078.0
-52.5°	1111.2	1130.8	1137.4	1133.9	1137.4	1130.8	1111.2	1088.0	1059.3	1020.2	977.5
-55°	1029.6	1045.5	1052.5	1054.0	1052.5	1045.5	1029.6	1013.0	995.2	962.9	925.4
-57.5°	1009.8	1024.1	1028.6	1028.7	1028.6	1024.1	1009.8	995.1	979.9	946.9	912.2
-60°	1000.4	1018.3	1021.7	1018.9	1021.7	1018.3	1000.4	981.9	963.2	927.8	885.6
-62.5°	939.1	961.9	969.2	968.3	969.2	961.9	939.1	912.4	882.2	835.2	780.5
-65°	735.0	751.8	760.4	763.7	760.4	751.8	735.0	714.1	689.5	654.2	610.6
-67.5°	522.7	534.4	538.1	537.7	538.1	534.4	522.7	507.7	489.3	464.3	433.2
-70°	340.8	349.8	350.8	348.7	350.8	349.8	340.8	329.8	316.7	301.0	282.5
-72.5°	209.2	215.4	214.8	212.4	214.8	215.4	209.2	201.9	193.5	184.2	174.0
-75°	120.4	123.4	122.5	120.8	122.5	123.4	120.4	116.6	112.2	107.0	100.9
-77.5°	70.2	73.3	73.9	74.0	73.9	73.3	70.2	66.9	63.5	59.8	55.3
-80°	43.3	44.6	44.7	44.8	44.7	44.6	43.3	42.0	40.5	38.9	36.3
-82.5°	30.0	31.1	31.2	31.2	31.2	31.1	30.0	28.9	27.7	26.4	24.7
-85°	22.3	23.3	23.4	23.4	23.4	23.3	22.3	21.2	20.2	19.1	17.4
-87.5°	15.1	15.6	15.6	15.6	15.6	15.6	15.1	14.6	14.0	13.5	12.0
-90°	1.9	1.9	0.9	0.0	0.9	1.9	1.9	1.9	1.9	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.8	6.8	5.8	5.8	5.8	5.8	5.8	6.3	6.8	7.3	7.8
87.5°	2.9	3.4	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.3	5.8
85°	3.8	3.8	3.9	4.3	4.6	4.9	5.1	5.2	5.4	5.6	5.8
82.5°	3.9	3.9	3.9	4.4	4.9	5.4	5.8	5.8	5.8	5.8	5.8
80°	3.9	3.9	4.0	4.4	4.9	5.4	5.8	5.9	5.9	5.8	5.9
77.5°	4.6	4.8	4.9	5.0	5.2	5.5	5.9	6.4	6.7	6.9	6.9
75°	5.0	5.5	5.9	6.0	6.0	5.9	6.0	6.5	7.0	7.5	7.8
72.5°	6.8	7.1	7.3	7.4	7.2	7.3	7.6	8.0	8.1	8.0	7.8
70°	9.2	10.0	10.9	11.5	11.7	11.6	11.4	11.2	10.9	10.8	10.1
67.5°	11.2	11.9	13.7	15.7	16.9	17.5	17.2	16.2	15.4	14.8	13.2
65°	12.6	13.4	16.2	18.7	21.0	22.9	24.8	24.8	23.5	20.9	16.7
62.5°	12.5	13.4	15.4	17.8	21.0	26.1	32.1	34.2	34.0	29.6	23.3
60°	10.8	12.0	14.0	16.1	18.2	25.1	35.3	42.6	46.7	39.5	30.0
57.5°	9.4	10.4	12.2	14.3	16.8	24.5	35.4	48.4	56.6	46.3	36.5
55°	9.6	10.1	11.0	12.3	14.3	21.8	31.5	43.3	52.7	49.7	39.0
52.5°	11.5	11.6	11.6	11.5	13.3	18.2	25.3	36.0	41.7	40.9	37.5
50°	13.5	13.8	13.7	13.3	14.1	15.5	20.2	28.1	31.2	32.8	31.5
47.5°	19.0	18.7	17.3	16.6	17.1	17.0	18.5	20.7	25.2	25.6	26.0
45°	28.5	27.7	25.5	24.5	22.9	22.0	20.6	22.8	23.9	24.7	21.7
42.5°	44.6	41.7	38.9	37.3	34.2	31.2	28.7	29.3	28.8	27.6	26.8
40°	70.7	61.6	58.0	55.1	51.2	44.8	43.3	39.7	37.8	34.5	35.6
37.5°	124.9	96.0	90.0	77.8	72.2	68.3	63.7	57.2	49.7	52.8	52.4
35°	238.3	196.2	157.4	126.6	101.6	106.1	93.2	80.4	75.6	79.8	76.0
32.5°	420.3	417.2	306.1	236.7	207.7	177.5	146.2	113.7	125.5	122.7	108.2
30°	880.0	940.6	722.4	527.4	481.2	342.0	231.3	212.5	203.0	179.7	150.0
27.5°	2321.0	2072.7	1697.7	1334.1	982.6	705.9	456.5	337.4	303.2	261.6	213.2
25°	4513.2	4032.1	3199.3	2560.8	1991.5	1218.7	781.1	552.0	432.0	362.9	298.7
22.5°	6986.3	5971.3	4849.0	3891.9	3030.5	2009.4	1244.8	799.6	576.9	482.2	400.0
20°	9817.9	8051.9	6589.3	5334.7	4044.0	2750.3	1764.5	1195.6	817.5	615.4	503.2
17.5°	14541.8	10658.2	8896.5	7114.0	5349.5	3692.6	2723.3	1822.4	1077.8	754.3	605.9
15°	20909.6	15991.2	12605.7	9638.9	7305.7	5662.3	4093.5	2620.6	1446.0	945.6	733.2
12.5°	31684.2	23525.3	17345.2	13322.6	10621.1	8155.9	5881.5	3803.1	2079.0	1195.7	888.4
10°	42038.3	31501.5	23541.2	18239.4	14381.2	10986.3	7706.2	4860.5	2652.3	1455.5	1037.4
7.5°	52051.5	39030.5	29331.1	22420.8	17295.7	13012.4	9189.8	5834.4	3152.1	1709.4	1179.4
5°	60185.1	44503.9	32807.5	24476.4	19240.0	14780.9	10581.7	6747.9	3572.5	1949.7	1313.2
2.5°	65047.3	47831.2	35441.7	25943.6	20615.4	16002.4	11591.3	7312.1	3769.1	2078.3	1388.2
0°	66733.4	49528.4	35528.3	25999.4	20532.6	16119.8	12038.2	7493.0	3806.9	2156.7	1453.4
-2.5°	66114.3	48342.1	34893.1	25341.0	20000.4	15446.7	11484.1	7525.7	4019.8	2237.8	1502.9
-5°	63166.2	45033.6	32528.4	23818.3	18881.7	14654.4	10897.9	7367.5	4116.7	2275.7	1541.6
-7.5°	58520.3	41683.1	29649.4	21922.2	17493.0	13711.0	10272.9	7043.7	4066.8	2249.3	1547.9
-10°	52471.4	38547.2	28086.7	21359.8	16665.4	12688.3	9558.3	6589.0	3859.8	2173.3	1542.4
-12.5°	48077.3	35408.1	26189.7	20763.4	16451.5	12477.3	9138.8	6057.0	3477.6	2043.9	1524.7
-15°	42188.8	32185.9	24988.5	19965.6	15920.3	11978.9	8599.6	5399.8	2884.9	1842.3	1494.6
-17.5°	35706.7	28518.4	22831.8	18061.1	14264.4	11090.4	7713.1	4642.3	2458.0	1633.7	1416.1
-20°	28770.9	23970.5	19661.3	15560.2	11982.9	8981.3	6253.1	3623.4	2090.2	1526.4	1327.9



REPORT NUMBER: P1305606 (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°	22915.0	19298.8	15609.5	12361.9	9405.4	6804.8	4498.8	2539.6	1633.3	1408.3	1226.5
-25°	17125.6	14527.5	11579.2	9311.0	6887.9	4636.0	2930.0	1943.2	1466.3	1285.0	1112.9
-27.5°	12537.2	10422.2	8535.0	6745.9	4815.3	3137.7	2028.9	1466.2	1315.1	1160.2	1000.6
-30°	9432.3	7922.4	6316.0	4757.3	3313.4	2106.9	1484.5	1307.3	1182.0	1046.0	904.3
-32.5°	7040.4	5761.8	4414.8	3195.2	2156.0	1561.0	1316.5	1164.6	1063.7	945.6	836.6
-35°	4861.2	3855.4	2803.8	2076.0	1526.4	1339.5	1202.4	1079.8	959.2	856.8	776.8
-37.5°	3043.8	2328.9	1868.6	1460.0	1339.5	1221.8	1112.0	990.0	869.4	793.6	724.5
-40°	1928.0	1540.9	1425.5	1317.2	1220.9	1126.7	1009.4	892.6	812.0	736.2	675.8
-42.5°	1456.4	1369.4	1283.1	1201.3	1111.7	1005.6	903.5	827.3	755.6	690.2	638.7
-45°	1308.4	1238.0	1163.2	1075.2	980.3	902.5	830.3	765.2	703.2	655.2	605.8
-47.5°	1168.6	1096.5	1019.6	953.4	888.2	824.1	765.7	708.0	670.0	625.1	562.2
-50°	1021.9	974.0	920.3	863.8	812.3	759.0	718.7	681.8	637.6	580.9	514.3
-52.5°	933.0	893.6	848.7	797.6	760.7	730.1	694.8	645.2	593.5	526.2	454.0
-55°	881.8	847.6	815.5	780.3	738.8	694.1	647.9	592.7	526.6	459.0	393.3
-57.5°	877.5	838.8	792.2	742.6	690.0	633.8	574.5	513.9	452.8	391.4	330.9
-60°	840.9	794.0	730.3	666.4	603.0	544.3	487.7	431.6	376.4	321.3	267.6
-62.5°	727.1	676.0	616.4	555.6	498.5	446.0	394.4	342.8	294.8	249.1	205.7
-65°	565.7	520.1	472.5	426.2	379.4	332.3	288.3	252.0	218.2	182.7	146.6
-67.5°	400.5	366.8	330.1	294.2	264.2	235.1	206.7	177.1	152.9	132.2	111.2
-70°	262.8	241.9	219.6	196.7	177.6	160.4	142.1	124.0	106.7	91.0	74.8
-72.5°	163.0	151.3	138.8	125.7	112.3	100.4	88.5	76.0	63.3	50.4	40.8
-75°	93.8	85.6	76.9	68.4	59.5	50.1	44.4	40.5	36.6	32.8	28.8
-77.5°	50.7	46.2	42.1	39.1	35.9	32.4	28.8	26.3	24.6	23.0	21.4
-80°	33.7	31.1	28.5	26.4	24.2	22.1	20.1	19.0	18.0	17.2	16.4
-82.5°	22.8	21.0	19.1	17.9	16.6	15.4	14.3	13.9	13.4	12.9	12.4
-85°	15.8	14.1	12.5	11.9	11.3	10.8	10.3	10.1	9.9	9.6	9.4
-87.5°	10.5	9.1	7.6	7.6	7.5	7.5	7.4	7.5	7.6	7.7	7.8
-90°	2.9	3.4	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.3	5.8



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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°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	5.8	5.8	5.8	5.8	6.3	6.8	7.3	7.8	7.8	7.8	7.8
85°	6.0	6.1	6.1	6.1	6.4	6.8	7.3	7.8	7.8	7.8	7.8
82.5°	6.3	6.8	7.1	7.2	7.2	7.3	7.5	7.8	7.9	7.8	7.8
80°	6.4	6.9	7.4	7.8	7.8	7.8	7.7	7.8	8.1	8.2	8.1
77.5°	6.9	7.1	7.4	7.8	7.8	7.8	7.8	7.9	8.3	8.5	8.5
75°	7.8	7.7	7.7	7.9	7.9	7.8	7.8	7.9	8.4	8.9	9.0
72.5°	7.8	7.8	7.8	8.0	8.3	8.3	8.1	8.0	8.5	8.9	9.4
70°	9.1	8.1	7.8	8.1	8.6	9.0	8.9	8.6	8.5	9.0	9.4
67.5°	11.7	10.5	9.3	8.4	8.7	9.1	9.6	9.3	9.0	9.0	9.5
65°	14.7	13.0	11.5	10.1	9.2	9.2	9.7	9.7	9.4	9.3	9.5
62.5°	18.5	15.5	13.6	11.6	10.2	9.6	9.7	9.7	9.7	9.5	9.6
60°	22.8	18.2	15.6	13.5	11.4	9.9	9.7	9.7	9.7	9.7	9.7
57.5°	27.3	20.3	17.4	15.3	13.1	10.8	9.7	9.7	9.7	9.7	9.7
55°	30.2	23.0	19.2	16.6	14.6	12.4	10.2	9.7	9.7	9.7	9.7
52.5°	29.8	24.7	21.1	17.8	15.5	13.7	11.5	9.7	9.7	9.7	9.7
50°	26.9	25.4	22.4	18.9	16.2	14.4	12.7	10.6	9.7	9.7	9.7
47.5°	25.8	25.7	23.2	19.7	16.7	15.0	13.4	11.5	9.7	9.7	9.7
45°	25.3	26.6	24.3	20.6	17.2	15.6	13.9	12.2	10.3	9.8	9.7
42.5°	25.9	27.9	26.5	21.6	18.9	16.1	14.4	12.7	10.9	9.9	9.8
40°	33.2	30.0	29.3	26.5	21.3	16.7	14.9	13.1	11.4	10.2	9.9
37.5°	42.8	36.7	32.4	35.5	25.8	19.3	15.3	13.5	12.0	10.8	10.1
35°	63.3	47.3	44.7	47.2	36.7	22.3	15.7	13.8	12.6	11.3	10.4
32.5°	89.0	70.8	67.6	61.4	50.5	25.7	17.6	14.7	13.2	11.9	10.6
30°	126.8	114.1	96.6	78.5	66.3	38.3	21.2	16.0	13.8	12.4	11.0
27.5°	184.1	162.3	132.4	104.8	82.7	53.6	25.9	17.6	14.3	12.9	11.4
25°	250.4	216.7	178.0	137.0	101.1	74.4	30.9	19.5	15.3	13.3	11.8
22.5°	331.2	275.1	226.7	172.6	128.7	98.0	42.0	23.5	16.7	13.8	12.2
20°	415.4	336.4	279.1	212.3	162.0	121.4	60.1	27.7	18.1	14.2	12.5
17.5°	503.1	414.5	342.1	259.2	196.2	146.4	79.4	31.8	19.7	14.6	12.9
15°	621.3	514.4	411.0	308.9	228.8	172.8	99.5	36.0	21.4	15.0	13.2
12.5°	746.2	618.6	483.9	360.3	259.7	199.8	119.7	40.1	23.0	16.0	13.6
10°	869.9	725.1	559.2	412.2	289.0	227.1	139.7	45.7	26.8	17.8	14.1
7.5°	991.4	831.6	635.0	463.3	320.3	262.6	172.6	55.0	31.0	19.6	14.5
5°	1101.2	926.5	709.7	525.8	370.1	306.2	207.3	64.3	35.1	21.6	14.9
2.5°	1170.9	1000.3	779.8	585.9	418.7	348.1	240.5	73.3	39.1	23.5	15.3
0°	1233.2	1065.7	843.6	641.0	465.6	387.7	270.8	81.8	42.9	25.3	15.6
-2.5°	1272.8	1104.1	878.5	684.8	514.1	431.2	307.5	105.8	56.8	32.6	18.6
-5°	1305.9	1134.1	907.8	723.8	560.4	471.5	339.1	128.5	70.1	39.6	21.5
-7.5°	1318.0	1140.1	923.0	754.7	604.1	508.3	364.6	149.2	82.3	46.0	24.2
-10°	1318.1	1127.4	918.0	754.2	614.7	523.8	380.0	167.3	93.2	51.7	26.6
-12.5°	1308.7	1106.1	908.7	748.5	616.6	519.5	368.8	179.3	102.5	56.4	28.6
-15°	1289.3	1076.2	895.2	737.6	615.4	512.6	355.1	187.2	109.6	60.4	30.2
-17.5°	1249.7	1037.6	878.2	721.4	610.7	503.0	339.3	192.4	114.9	63.6	31.8
-20°	1156.5	982.0	857.3	699.8	602.4	491.0	322.1	194.9	118.1	65.5	33.4



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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°	1058.5	918.0	804.3	685.8	588.7	476.6	304.2	194.4	119.2	66.0	34.4
-25°	957.8	852.8	746.8	653.3	568.9	449.7	293.7	190.9	117.9	64.8	34.8
-27.5°	876.8	787.5	691.5	620.9	536.6	423.7	288.2	188.9	115.2	62.1	34.5
-30°	803.9	727.0	651.3	587.3	503.7	386.8	278.9	184.0	111.9	60.2	33.5
-32.5°	747.0	670.9	615.8	549.8	463.2	349.3	258.8	175.7	106.2	58.9	32.7
-35°	701.4	633.0	580.7	512.5	419.5	319.7	234.1	164.2	98.2	56.6	31.5
-37.5°	656.7	604.1	540.5	470.7	376.0	287.6	211.2	146.2	87.8	53.3	29.7
-40°	625.1	570.4	504.6	423.7	336.7	253.1	186.6	128.7	80.9	48.9	27.2
-42.5°	591.9	529.9	458.8	377.7	296.4	224.0	161.0	110.3	73.2	44.7	23.9
-45°	546.7	483.4	408.6	332.1	255.2	193.3	139.7	92.4	64.6	40.2	21.2
-47.5°	497.0	428.5	358.3	285.6	220.0	163.1	117.5	82.1	55.5	34.7	19.6
-50°	438.0	373.8	308.1	244.7	184.5	138.1	97.3	71.1	47.7	28.0	17.8
-52.5°	383.8	320.4	261.3	204.3	154.9	112.3	84.4	59.7	39.4	23.8	15.6
-55°	328.8	269.6	216.0	167.6	124.9	94.8	70.7	49.4	30.4	20.6	13.3
-57.5°	273.8	219.4	173.6	131.7	101.9	78.9	57.5	38.4	25.0	17.1	13.0
-60°	217.3	172.3	131.1	105.5	83.7	63.0	44.2	28.9	20.5	14.0	12.6
-62.5°	163.8	127.5	105.2	84.8	65.2	47.0	31.6	23.1	15.7	13.5	12.2
-65°	123.0	101.4	81.9	63.3	46.0	32.5	24.5	17.1	14.2	12.9	11.9
-67.5°	91.7	73.5	56.7	40.8	31.9	24.6	17.2	14.7	13.6	12.4	11.9
-70°	58.9	44.2	35.9	29.7	23.2	17.4	15.3	14.0	12.9	12.2	11.8
-72.5°	35.9	30.9	25.7	20.5	18.0	16.0	14.4	13.3	12.5	12.0	11.7
-75°	24.4	21.9	19.7	17.7	15.8	14.4	13.4	12.6	12.1	11.7	11.3
-77.5°	19.5	17.7	16.1	14.9	13.9	13.0	12.4	11.9	11.5	11.1	10.7
-80°	15.3	14.4	13.5	12.8	12.2	11.7	11.4	11.1	10.7	10.4	10.1
-82.5°	11.8	11.5	11.3	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.5
-85°	9.5	9.6	9.8	10.0	9.8	9.7	9.6	9.4	9.3	9.1	8.9
-87.5°	8.1	8.4	8.7	8.9	8.8	8.7	8.7	8.6	8.5	8.4	8.4
-90°	5.8	5.8	5.8	5.8	6.3	6.8	7.3	7.8	7.8	7.8	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8
85°	7.8	7.8	7.8	7.8	7.8	7.8	7.8
82.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8
80°	7.9	7.8	7.8	7.8	7.8	7.8	7.8
77.5°	8.3	7.9	7.8	7.8	7.8	7.8	7.8
75°	8.8	8.3	7.9	7.8	7.8	7.8	7.8
72.5°	9.3	8.7	8.2	7.8	7.8	7.8	7.8
70°	9.7	9.1	8.5	7.8	7.8	7.8	7.8
67.5°	9.7	9.5	8.8	8.1	7.8	7.8	7.8
65°	9.7	9.7	9.1	8.3	7.8	7.8	7.8
62.5°	9.7	9.7	9.4	8.5	7.8	7.8	7.8
60°	9.7	9.7	9.7	8.7	7.8	7.8	7.8
57.5°	9.7	9.7	9.7	9.0	7.9	7.8	7.8
55°	9.7	9.7	9.7	9.2	8.1	7.8	7.8
52.5°	9.7	9.7	9.7	9.4	8.2	7.8	7.8
50°	9.7	9.7	9.7	9.6	8.3	7.8	7.8
47.5°	9.7	9.7	9.7	9.7	8.5	7.8	7.8
45°	9.7	9.7	9.7	9.7	8.6	7.8	7.8
42.5°	9.7	9.7	9.7	9.7	8.7	7.8	7.8
40°	9.7	9.7	9.7	9.7	8.8	7.8	7.8
37.5°	9.7	9.7	9.7	9.7	8.9	7.8	7.8
35°	9.7	9.7	9.7	9.7	9.0	7.8	7.8
32.5°	9.8	9.7	9.7	9.7	9.1	7.8	7.8
30°	10.0	9.7	9.7	9.7	9.2	7.8	7.8
27.5°	10.2	9.7	9.7	9.7	9.3	7.8	7.8
25°	10.4	9.7	9.7	9.7	9.3	7.8	7.8
22.5°	10.7	9.7	9.7	9.7	9.4	7.8	7.8
20°	10.9	9.9	9.7	9.7	9.5	7.8	7.8
17.5°	11.2	10.1	9.7	9.7	9.5	7.8	7.8
15°	11.4	10.3	9.7	9.7	9.6	7.8	7.8
12.5°	11.5	10.5	9.7	9.7	9.6	7.8	7.8
10°	11.6	10.7	9.7	9.7	9.6	7.8	7.8
7.5°	11.7	11.0	9.7	9.7	9.7	7.8	7.8
5°	11.7	11.2	9.7	9.7	9.7	7.8	7.8
2.5°	11.7	11.5	9.7	9.7	9.7	7.8	7.8
0°	11.7	11.7	9.7	9.7	9.7	7.8	7.8
-2.5°	12.7	11.7	9.7	9.7	9.7	7.8	7.8
-5°	13.7	11.7	9.7	9.7	9.7	7.8	7.8
-7.5°	14.7	11.6	9.7	9.7	9.7	7.8	7.8
-10°	15.5	11.5	9.7	9.7	9.6	7.8	7.8
-12.5°	16.1	11.5	9.7	9.7	9.6	7.8	7.8
-15°	16.6	11.4	9.7	9.7	9.6	7.8	7.8
-17.5°	16.8	11.2	9.7	9.7	9.5	7.8	7.8
-20°	17.2	11.1	9.7	9.7	9.5	7.8	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.9	10.9	9.7	9.7	9.4	7.8	7.8
-25°	18.2	11.1	9.7	9.7	9.3	7.8	7.8
-27.5°	18.1	11.2	9.7	9.7	9.3	7.8	7.8
-30°	17.6	11.3	9.7	9.7	9.2	7.8	7.8
-32.5°	16.6	11.2	9.8	9.7	9.1	7.8	7.8
-35°	16.2	10.9	9.9	9.7	9.0	7.8	7.8
-37.5°	15.9	10.7	10.0	9.7	8.9	7.8	7.8
-40°	15.4	10.8	10.0	9.7	8.8	7.8	7.8
-42.5°	14.6	10.9	10.1	9.7	8.7	7.8	7.8
-45°	13.6	10.9	10.1	9.8	8.6	7.8	7.8
-47.5°	12.3	10.9	10.2	9.8	8.5	7.8	7.8
-50°	12.1	10.8	10.2	9.7	8.3	7.8	7.8
-52.5°	11.9	10.7	10.3	9.6	8.2	7.8	7.8
-55°	11.8	10.8	10.3	9.4	8.1	7.8	7.8
-57.5°	11.5	10.8	10.4	9.2	7.9	7.8	7.8
-60°	11.3	10.9	10.4	9.0	7.8	7.8	7.8
-62.5°	11.4	10.9	10.2	8.8	7.8	7.8	7.8
-65°	11.4	11.0	9.9	8.7	7.8	7.8	7.8
-67.5°	11.5	10.8	9.6	8.4	7.8	7.8	7.8
-70°	11.5	10.5	9.3	8.2	7.8	7.8	7.8
-72.5°	11.1	10.1	9.0	8.2	7.8	7.8	7.8
-75°	10.7	9.7	8.7	8.1	7.8	7.8	7.8
-77.5°	10.2	9.3	8.6	8.1	7.8	7.8	7.8
-80°	9.7	9.0	8.4	8.0	7.8	7.8	7.8
-82.5°	9.3	8.7	8.3	8.0	7.8	7.8	7.8
-85°	8.8	8.4	8.1	7.9	7.8	7.8	7.8
-87.5°	8.3	8.1	8.0	7.9	7.8	7.8	7.8
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8

(END OF REPORT)