

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: P1306170 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

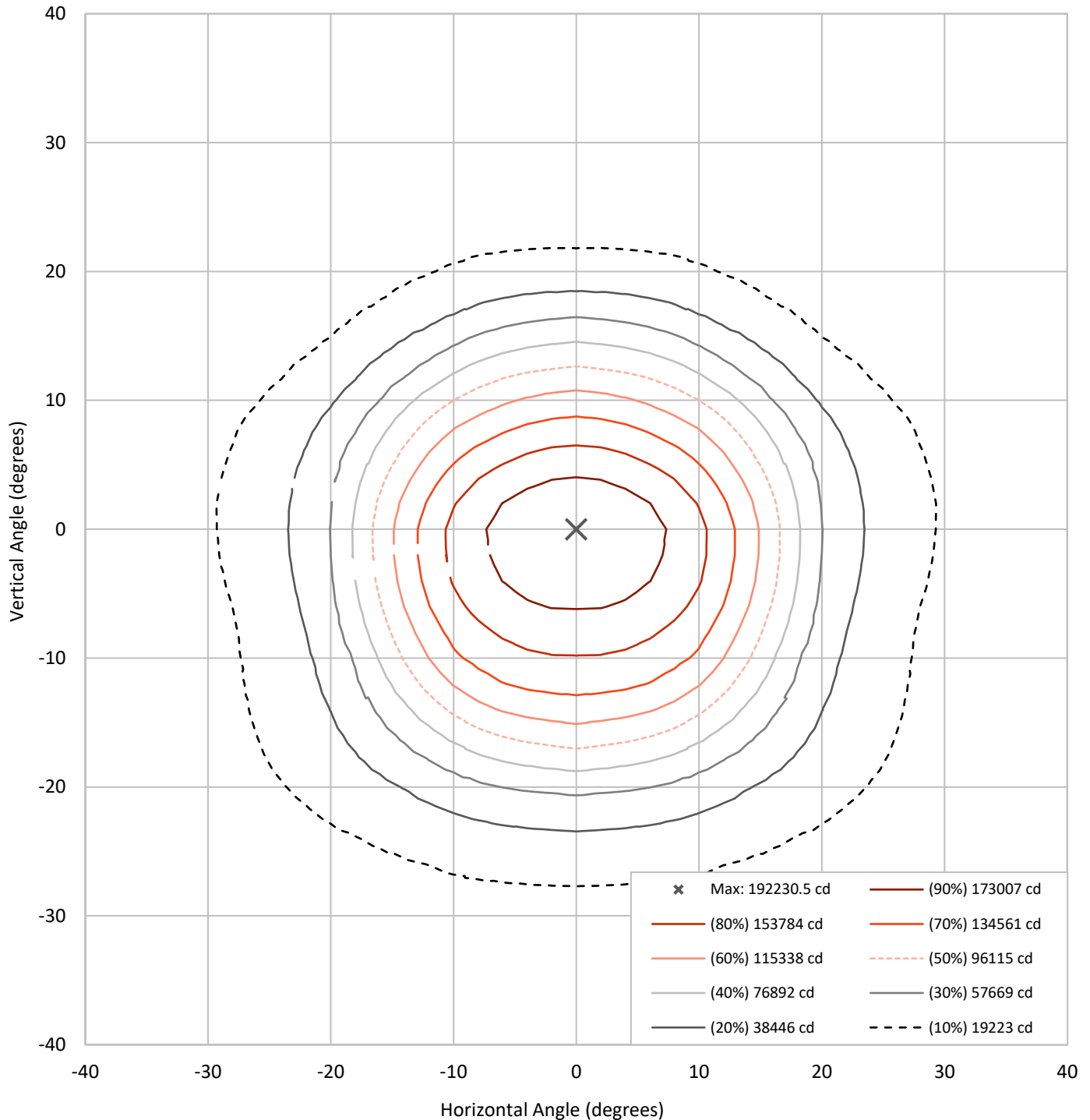
Test Method: LM-79-08
Report Number: P1306170 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-40-80-4S-CV2-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 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:	61522.5 lumens	Max Intensity:	192230.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.1 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:	33759.3 lumens	Field Lumens:	54089.8 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	554		
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





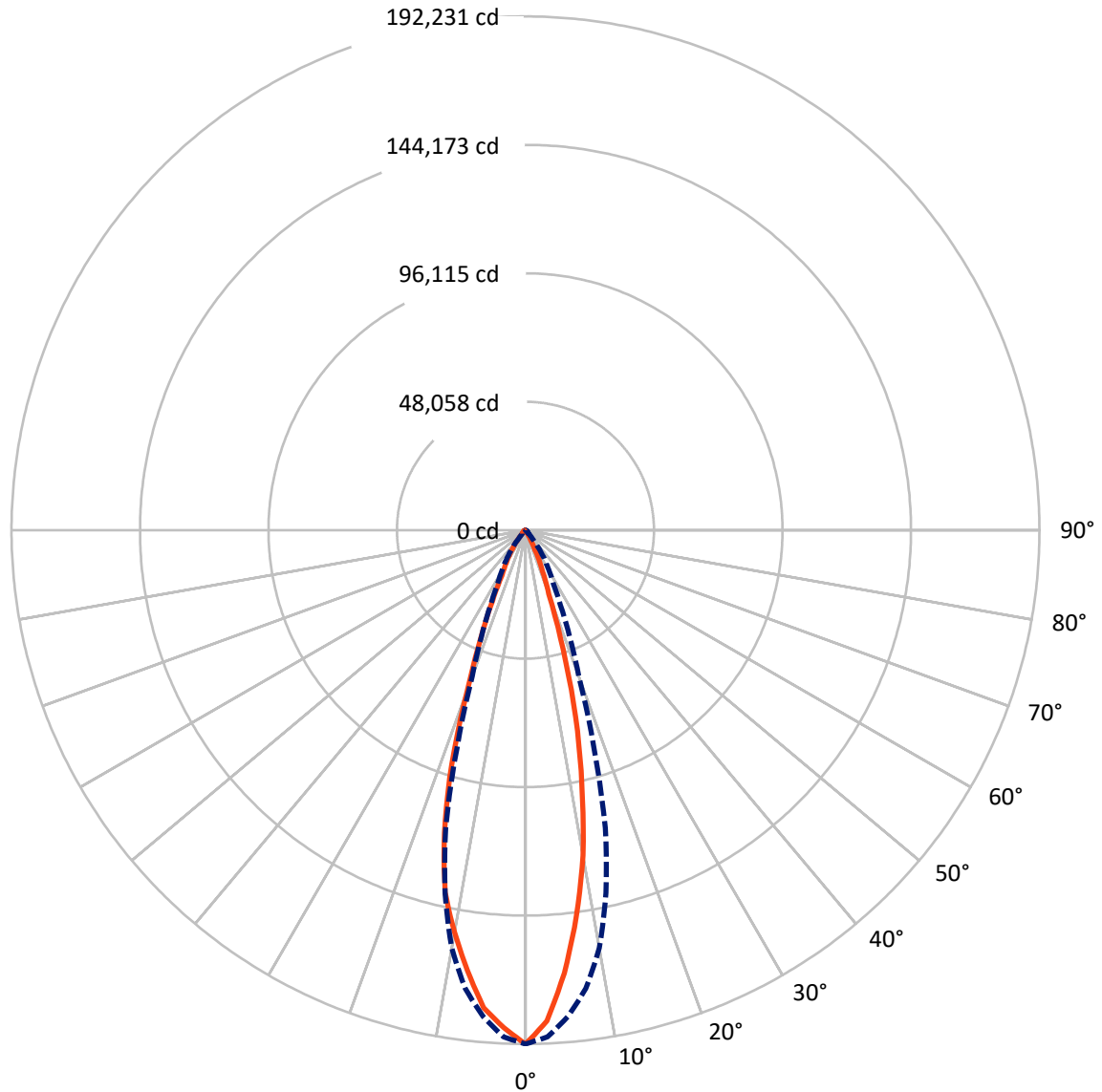
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Lumen Table

90	0.1	0.4		0.5		0.5		0.4		0.5		0.5		0.4		0.1
80	0.1	0.4		0.5		0.5		0.4		0.5		0.5		0.4		0.1
70	0.2	0.1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.2
60		0.1	0.3	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.3	0.1	
50	0.2	0.1	0.3	0.5	0.6	0.7	1.0	1.2	1.2	1.0	0.7	0.6	0.5	0.3	0.1	0.2
40		0.2	0.7	1.5	2.6	5.8	11.6	16.0	16.0	11.6	5.8	2.6	1.5	0.7	0.2	
30	0.2	0.3	2.2	6.1	22.6	82.0	194.3	328.7	328.7	194.3	82.0	22.6	6.1	2.2	0.3	0.2
20		0.8	5.0	16.2	99.6	344.9	1058.2	1999.3	1999.3	1058.2	344.9	99.6	16.2	5.0	0.8	
10	0.3	1.4	8.6	30.6	232.0	826.3	2740.9	4631.1	4631.1	2740.9	826.3	232.0	30.6	8.6	1.4	0.3
0		2.3	11.4	36.2	241.8	852.1	3076.2	5084.4	5084.4	3076.2	852.1	241.8	36.2	11.4	2.3	
-10	0.4	2.8	11.7	31.2	188.7	628.1	1837.2	3209.7	3209.7	1837.2	628.1	188.7	31.2	11.7	2.8	0.4
-20		2.5	10.0	21.5	81.5	298.1	620.5	928.7	928.7	620.5	298.1	81.5	21.5	10.0	2.5	
-30	0.3	2.0	7.6	14.9	28.0	80.5	182.8	258.2	258.2	182.8	80.5	28.0	14.9	7.6	2.0	0.3
-40		1.2	5.2	11.3	18.4	28.0	41.0	53.7	53.7	41.0	28.0	18.4	11.3	5.2	1.2	
-50	0.2	0.6	2.7	7.4	13.6	19.7	25.2	28.6	28.6	25.2	19.7	13.6	7.4	2.7	0.6	0.2
-60		0.2	1.0	3.1	6.6	11.4	16.3	19.2	19.2	16.3	11.4	6.6	3.1	1.0	0.2	
-70	0.2	0.6	2.7	7.4	13.6	19.7	25.2	28.6	28.6	25.2	19.7	13.6	7.4	2.7	0.6	0.2
-80		0.2	1.0	3.1	6.6	11.4	16.3	19.2	19.2	16.3	11.4	6.6	3.1	1.0	0.2	
-90	0.2	0.7		2.4		6.5		9.1		6.5		2.4		0.7		0.2

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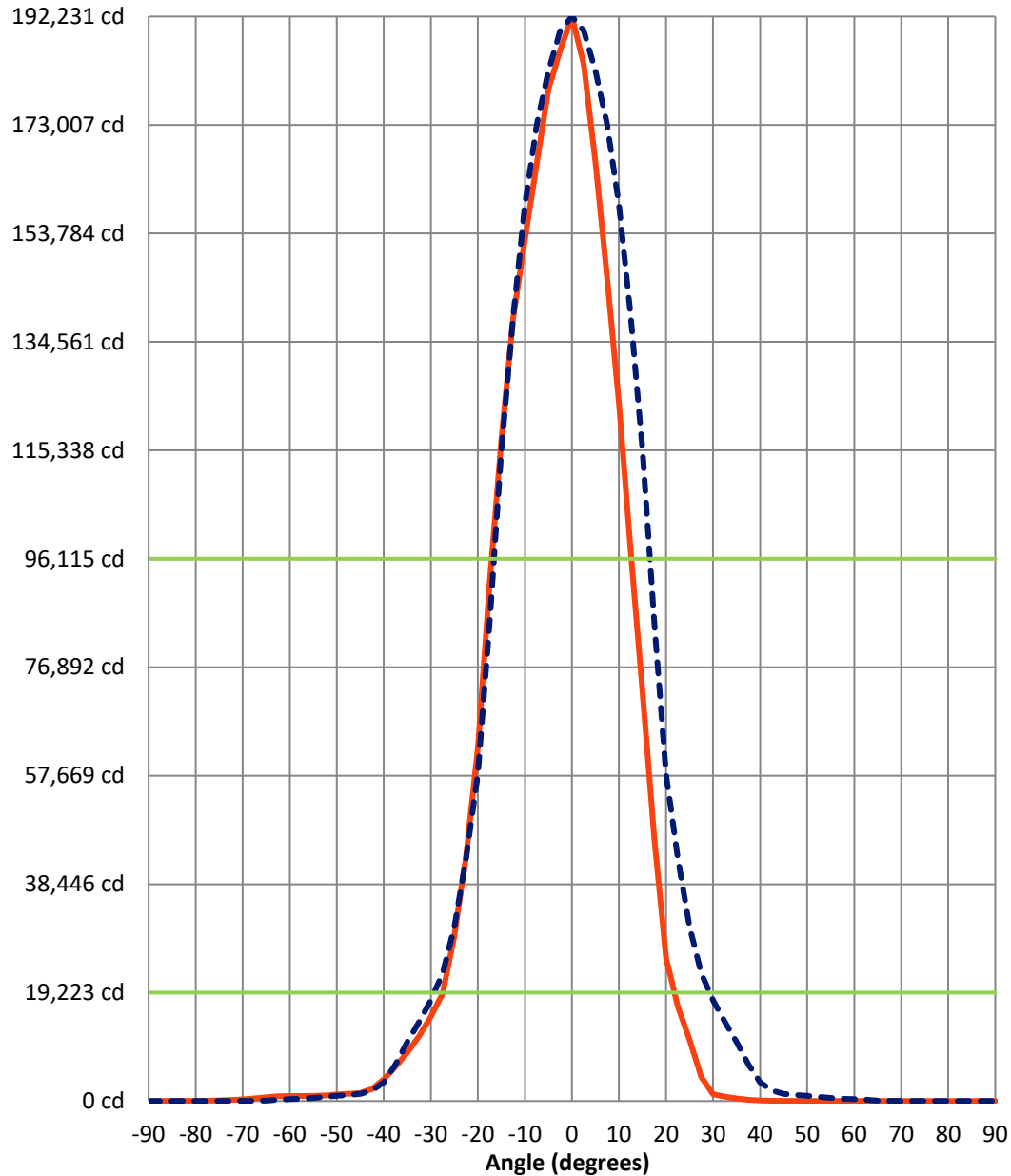
Luminous Intensity Polar Plot



— 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: 33759.3
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 54089.8
 Efficiency: 87.9%

Spill:
 Lumens: 7432.7
 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°	6.8	6.8	6.8	6.8	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	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	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	6.8	6.8	6.9	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	7.1	7.1	7.1	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.9	7.3	7.5	7.4	7.3	6.9
75°	6.8	6.8	6.8	6.8	6.9	7.3	7.7	7.9	7.8	7.3	6.9
72.5°	6.8	6.8	6.8	6.8	7.1	7.6	8.1	8.2	7.8	7.4	7.0
70°	6.8	6.8	6.8	6.8	7.4	8.0	8.5	8.2	7.8	7.4	7.5
67.5°	6.8	6.8	6.8	7.0	7.7	8.3	8.5	8.3	7.9	7.9	8.1
65°	6.8	6.8	6.8	7.3	8.0	8.5	8.5	8.3	8.1	8.2	8.5
62.5°	6.8	6.8	6.8	7.4	8.2	8.5	8.5	8.4	8.3	8.5	8.5
60°	6.8	6.8	6.8	7.6	8.5	8.5	8.5	8.5	8.5	8.5	8.5
57.5°	6.8	6.8	6.9	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5
55°	6.8	6.8	7.0	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
52.5°	6.8	6.8	7.2	8.2	8.5	8.5	8.5	8.5	8.5	8.5	8.5
50°	6.8	6.8	7.3	8.4	8.5	8.5	8.5	8.5	8.5	8.5	9.3
47.5°	6.8	6.8	7.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	10.0
45°	6.8	6.8	7.5	8.5	8.5	8.5	8.5	8.5	8.6	9.0	10.7
42.5°	6.8	6.8	7.6	8.5	8.5	8.5	8.5	8.6	8.7	9.5	11.1
40°	6.8	6.8	7.7	8.5	8.5	8.5	8.5	8.7	8.9	9.9	11.4
37.5°	6.8	6.8	7.8	8.5	8.5	8.5	8.5	8.9	9.4	10.5	11.8
35°	6.8	6.8	7.9	8.5	8.5	8.5	8.5	9.1	9.9	11.0	12.1
32.5°	6.8	6.8	8.0	8.5	8.5	8.5	8.6	9.3	10.4	11.5	12.9
30°	6.8	6.8	8.0	8.5	8.5	8.5	8.7	9.6	10.8	12.0	14.0
27.5°	6.8	6.8	8.1	8.5	8.5	8.5	8.9	10.0	11.2	12.5	15.3
25°	6.8	6.8	8.2	8.5	8.5	8.5	9.1	10.3	11.6	13.4	16.9
22.5°	6.8	6.8	8.2	8.5	8.5	8.5	9.3	10.6	12.0	14.5	20.5
20°	6.8	6.8	8.3	8.5	8.5	8.7	9.5	11.0	12.4	15.8	24.1
17.5°	6.8	6.8	8.3	8.5	8.5	8.8	9.8	11.3	12.7	17.2	27.7
15°	6.8	6.8	8.4	8.5	8.5	9.0	9.9	11.6	13.1	18.6	31.3
12.5°	6.8	6.8	8.4	8.5	8.5	9.2	10.0	11.9	14.0	20.0	34.8
10°	6.8	6.8	8.4	8.5	8.5	9.4	10.1	12.3	15.5	23.3	39.7
7.5°	6.8	6.8	8.5	8.5	8.5	9.6	10.2	12.6	17.1	26.9	47.8
5°	6.8	6.8	8.5	8.5	8.5	9.8	10.2	13.0	18.8	30.5	55.9
2.5°	6.8	6.8	8.5	8.5	8.5	10.0	10.2	13.3	20.4	34.0	63.8
0°	6.8	6.8	8.5	8.5	8.5	10.2	10.2	13.6	22.0	37.3	71.2
-2.5°	6.8	6.8	8.5	8.5	8.5	10.2	11.1	16.2	28.4	49.4	92.1
-5°	6.8	6.8	8.5	8.5	8.5	10.2	12.0	18.7	34.5	60.9	111.8
-7.5°	6.8	6.8	8.5	8.5	8.5	10.1	12.8	21.1	40.0	71.6	129.8
-10°	6.8	6.8	8.4	8.5	8.5	10.1	13.5	23.1	45.0	81.1	145.6
-12.5°	6.8	6.8	8.4	8.5	8.5	10.0	14.1	24.9	49.1	89.1	156.0
-15°	6.8	6.8	8.4	8.5	8.5	9.9	14.5	26.2	52.5	95.3	162.8
-17.5°	6.8	6.8	8.3	8.5	8.5	9.8	14.7	27.7	55.3	99.9	167.4
-20°	6.8	6.8	8.3	8.5	8.5	9.7	15.0	29.1	57.0	102.7	169.5



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 CATALOG NUMBER: EPH-08-530N-40-80-4S-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	8.2	8.5	8.5	9.5	15.6	30.0	57.4	103.7	169.1
-25°	6.8	6.8	8.2	8.5	8.5	9.7	15.9	30.3	56.4	102.6	166.1
-27.5°	6.8	6.8	8.1	8.5	8.5	9.8	15.8	30.0	54.0	100.2	164.4
-30°	6.8	6.8	8.0	8.5	8.5	9.9	15.3	29.2	52.4	97.3	160.1
-32.5°	6.8	6.8	8.0	8.5	8.6	9.8	14.5	28.5	51.3	92.4	152.9
-35°	6.8	6.8	7.9	8.5	8.7	9.6	14.1	27.5	49.3	85.4	142.8
-37.5°	6.8	6.8	7.8	8.5	8.7	9.4	13.9	25.9	46.4	76.4	127.2
-40°	6.8	6.8	7.7	8.5	8.8	9.5	13.4	23.6	42.6	70.4	112.0
-42.5°	6.8	6.8	7.6	8.5	8.8	9.5	12.7	20.8	38.9	63.7	95.9
-45°	6.8	6.8	7.5	8.6	8.9	9.5	11.9	18.4	35.0	56.3	80.4
-47.5°	6.8	6.8	7.4	8.6	8.9	9.5	10.8	17.1	30.2	48.3	71.4
-50°	6.8	6.8	7.3	8.5	9.0	9.4	10.6	15.5	24.3	41.6	61.9
-52.5°	6.8	6.8	7.2	8.4	9.0	9.4	10.4	13.6	20.7	34.3	52.0
-55°	6.8	6.8	7.0	8.2	9.0	9.4	10.3	11.7	17.9	26.4	43.0
-57.5°	6.8	6.8	6.9	8.1	9.1	9.5	10.1	11.4	14.9	21.8	33.4
-60°	6.8	6.8	6.8	7.9	9.1	9.5	9.9	11.0	12.2	17.9	25.1
-62.5°	6.8	6.8	6.8	7.7	8.9	9.5	9.9	10.6	11.8	13.7	20.1
-65°	6.8	6.8	6.8	7.6	8.7	9.6	10.0	10.3	11.3	12.4	14.9
-67.5°	6.8	6.8	6.8	7.4	8.4	9.4	10.0	10.3	10.8	11.8	12.8
-70°	6.8	6.8	6.8	7.2	8.2	9.1	10.1	10.3	10.7	11.3	12.2
-72.5°	6.8	6.8	6.8	7.1	7.9	8.8	9.7	10.2	10.5	10.9	11.6
-75°	6.8	6.8	6.8	7.1	7.6	8.5	9.3	9.8	10.2	10.5	11.0
-77.5°	6.8	6.8	6.8	7.1	7.5	8.2	8.9	9.3	9.7	10.0	10.4
-80°	6.8	6.8	6.8	7.0	7.4	7.9	8.5	8.8	9.1	9.4	9.7
-82.5°	6.8	6.8	6.8	7.0	7.2	7.6	8.1	8.3	8.5	8.7	9.0
-85°	6.8	6.8	6.8	6.9	7.1	7.3	7.7	7.8	8.0	8.1	8.2
-87.5°	6.8	6.8	6.8	6.9	6.9	7.1	7.2	7.3	7.4	7.5	7.5
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8



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 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.4	6.0	5.5
87.5°	6.4	6.0	5.5	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.8
85°	6.4	6.0	5.6	5.4	5.4	5.3	5.3	5.1	4.9	4.7	4.6
82.5°	6.6	6.4	6.3	6.3	6.2	5.9	5.6	5.1	5.1	5.1	5.1
80°	6.7	6.8	6.8	6.8	6.4	6.0	5.6	5.2	5.1	5.2	5.2
77.5°	6.8	6.8	6.8	6.8	6.5	6.2	6.1	6.0	6.0	5.9	5.6
75°	6.8	6.8	6.9	6.9	6.7	6.7	6.8	6.8	6.5	6.1	5.7
72.5°	7.1	7.3	7.3	7.0	6.8	6.8	6.8	6.8	7.0	7.1	7.0
70°	7.8	7.8	7.5	7.1	6.8	7.1	8.0	8.8	9.4	9.5	9.8
67.5°	8.4	8.0	7.6	7.4	8.1	9.2	10.2	11.5	13.0	13.4	14.1
65°	8.5	8.1	8.1	8.8	10.0	11.4	12.9	14.6	18.3	20.5	21.5
62.5°	8.5	8.4	8.9	10.2	11.9	13.5	16.2	20.3	25.7	29.6	29.8
60°	8.5	8.7	10.0	11.8	13.6	15.9	19.8	26.1	34.4	40.6	37.1
57.5°	8.5	9.5	11.5	13.3	15.2	17.7	23.7	31.8	40.3	49.3	42.1
55°	8.9	10.8	12.7	14.4	16.7	20.0	26.3	33.9	43.3	45.8	37.7
52.5°	10.1	12.0	13.5	15.5	18.4	21.5	25.9	32.6	35.6	36.3	31.3
50°	11.1	12.6	14.1	16.5	19.5	22.1	23.4	27.4	28.5	27.1	24.4
47.5°	11.7	13.1	14.6	17.2	20.2	22.4	22.4	22.6	22.2	21.9	18.1
45°	12.1	13.6	15.1	18.0	21.1	23.1	22.0	18.8	21.5	20.8	19.9
42.5°	12.6	14.1	16.5	18.8	23.0	24.2	22.5	23.3	24.0	25.1	25.5
40°	13.0	14.6	18.6	23.1	25.5	26.1	28.8	31.0	30.1	32.9	34.6
37.5°	13.4	16.8	22.4	30.8	28.2	31.9	37.2	45.6	46.0	43.3	49.7
35°	13.7	19.4	31.9	41.0	38.8	41.1	55.1	66.2	69.5	65.8	70.0
32.5°	15.3	22.4	43.9	53.4	58.8	61.6	77.5	94.2	106.8	109.2	99.0
30°	18.4	33.3	57.7	68.3	84.0	99.3	110.3	130.5	156.4	176.6	184.9
27.5°	22.5	46.6	71.9	91.2	115.2	141.2	160.2	185.5	227.7	263.9	293.6
25°	26.8	64.7	87.9	119.2	154.9	188.5	217.9	260.0	315.8	375.9	480.3
22.5°	36.5	85.3	112.0	150.1	197.2	239.4	288.2	348.1	419.6	501.9	695.8
20°	52.3	105.6	141.0	184.7	242.8	292.7	361.5	437.9	535.4	711.3	1040.3
17.5°	69.1	127.4	170.7	225.5	297.6	360.7	437.8	527.2	656.3	937.8	1585.8
15°	86.5	150.3	199.1	268.7	357.6	447.6	540.7	638.0	822.8	1258.2	2280.3
12.5°	104.2	173.9	226.0	313.5	421.0	538.2	649.3	773.0	1040.3	1809.0	3309.2
10°	121.6	197.6	251.5	358.6	486.6	630.9	757.0	902.7	1266.5	2307.9	4229.2
7.5°	150.2	228.5	278.6	403.1	552.5	723.5	862.6	1026.2	1487.4	2742.7	5076.6
5°	180.4	266.4	322.0	457.5	617.5	806.1	958.2	1142.6	1696.5	3108.5	5871.5
2.5°	209.2	302.9	364.3	509.7	678.5	870.4	1018.8	1207.9	1808.4	3279.5	6362.5
0°	235.6	337.4	405.2	557.7	734.0	927.3	1073.1	1264.6	1876.6	3312.5	6519.9
-2.5°	267.6	375.2	447.4	595.8	764.4	960.7	1107.5	1307.7	1947.2	3497.7	6548.3
-5°	295.1	410.3	487.6	629.8	789.9	986.8	1136.3	1341.4	1980.1	3582.0	6410.7
-7.5°	317.3	442.3	525.7	656.7	803.1	992.0	1146.8	1346.9	1957.1	3538.6	6128.9
-10°	330.7	455.8	534.9	656.2	798.8	981.0	1146.9	1342.1	1891.0	3358.5	5733.3
-12.5°	321.0	452.1	536.6	651.3	790.6	962.4	1138.8	1326.7	1778.4	3025.9	5270.3
-15°	309.0	446.0	535.4	641.8	779.0	936.4	1121.8	1300.5	1603.0	2510.2	4698.5
-17.5°	295.2	437.7	531.4	627.7	764.1	902.8	1087.3	1232.2	1421.5	2138.8	4039.4
-20°	280.3	427.2	524.2	608.9	746.0	854.5	1006.3	1155.5	1328.1	1818.7	3152.8



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	264.7	414.7	512.2	596.7	699.8	798.8	921.0	1067.2	1225.4	1421.2	2209.7
-25°	255.6	391.3	495.0	568.5	649.8	742.0	833.4	968.4	1118.2	1275.8	1690.9
-27.5°	250.8	368.7	466.9	540.2	601.7	685.2	762.9	870.6	1009.5	1144.3	1275.8
-30°	242.7	336.6	438.3	511.0	566.7	632.5	699.5	786.8	910.1	1028.5	1137.5
-32.5°	225.2	304.0	403.0	478.4	535.8	583.7	649.9	727.9	822.8	925.6	1013.3
-35°	203.7	278.3	365.0	445.9	505.3	550.7	610.3	675.8	745.5	834.6	939.6
-37.5°	183.8	250.3	327.2	409.6	470.3	525.6	571.4	630.4	690.5	756.5	861.5
-40°	162.3	220.2	293.0	368.7	439.0	496.3	543.9	588.1	640.5	706.5	776.7
-42.5°	140.0	194.9	257.9	328.7	399.2	461.0	515.0	555.8	600.6	657.4	719.9
-45°	121.5	168.2	222.1	289.0	355.6	420.6	475.7	527.0	570.1	611.9	665.8
-47.5°	102.2	142.0	191.5	248.6	311.8	372.8	432.4	489.2	543.9	583.0	616.0
-50°	84.6	120.1	160.6	212.9	268.2	325.3	381.1	447.5	505.4	554.8	593.2
-52.5°	73.4	97.6	134.8	177.8	227.5	278.9	334.0	395.0	457.8	516.4	561.4
-55°	61.5	82.4	108.6	145.9	188.0	234.6	286.2	342.2	399.3	458.2	515.7
-57.5°	50.0	68.6	88.6	114.6	151.0	191.0	238.2	288.0	340.5	394.0	447.1
-60°	38.5	54.8	72.8	91.8	114.1	150.0	189.1	232.8	279.6	327.5	375.6
-62.5°	27.5	40.8	56.7	73.8	91.5	111.0	142.6	179.0	216.7	256.5	298.3
-65°	21.3	28.3	40.0	55.1	71.2	88.3	107.1	127.6	159.0	189.9	219.3
-67.5°	15.0	21.4	27.7	35.5	49.3	64.0	79.7	96.8	115.0	133.0	154.1
-70°	13.4	15.2	20.2	25.8	31.2	38.4	51.3	65.0	79.2	92.8	107.8
-72.5°	12.6	13.9	15.7	17.8	22.4	26.9	31.2	35.5	43.8	55.0	66.1
-75°	11.7	12.5	13.8	15.4	17.2	19.0	21.2	25.0	28.5	31.9	35.2
-77.5°	10.8	11.4	12.1	13.0	14.1	15.5	17.0	18.6	20.0	21.4	22.8
-80°	9.9	10.2	10.6	11.2	11.8	12.6	13.4	14.3	15.0	15.7	16.6
-82.5°	9.1	9.3	9.5	9.7	9.8	10.0	10.3	10.8	11.3	11.7	12.1
-85°	8.4	8.5	8.6	8.7	8.5	8.4	8.3	8.2	8.4	8.6	8.8
-87.5°	7.6	7.6	7.7	7.8	7.6	7.3	7.1	6.8	6.7	6.6	6.5
-90°	6.4	6.0	5.5	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.1	5.1	5.1	5.1	5.1	6.0	6.8	7.7	8.5	9.4	10.2
87.5°	3.4	3.4	3.4	3.4	3.4	3.0	2.6	2.1	1.7	1.7	1.7
85°	4.5	4.3	4.0	3.7	3.4	3.3	3.3	3.3	3.3	2.9	2.5
82.5°	5.1	4.7	4.3	3.9	3.4	3.4	3.4	3.4	3.4	3.0	2.6
80°	5.1	4.7	4.3	3.9	3.5	3.4	3.4	3.4	3.4	3.0	2.6
77.5°	5.2	4.8	4.6	4.4	4.3	4.2	4.0	3.8	3.4	3.0	2.6
75°	5.3	5.2	5.3	5.3	5.2	4.8	4.4	3.9	3.5	3.3	3.3
72.5°	6.7	6.4	6.3	6.5	6.4	6.3	5.9	5.5	4.9	4.8	4.9
70°	10.0	10.2	10.2	10.1	9.5	8.7	8.0	7.4	6.6	6.5	6.6
67.5°	15.0	15.2	14.7	13.7	11.9	10.4	9.7	9.1	8.4	8.1	8.3
65°	21.6	19.9	18.2	16.3	14.1	11.8	11.0	10.4	9.9	9.9	10.5
62.5°	27.9	22.7	18.3	15.5	13.4	11.7	11.0	10.2	9.5	9.1	9.4
60°	30.8	21.8	15.9	14.1	12.3	10.5	9.5	8.7	7.9	7.4	7.7
57.5°	30.8	21.4	14.7	12.5	10.7	9.1	8.2	7.7	7.2	6.8	7.3
55°	27.4	19.0	12.5	10.7	9.7	8.9	8.4	8.3	8.1	7.9	8.2
52.5°	22.0	15.9	11.6	10.0	10.1	10.1	10.1	10.1	10.3	10.5	11.0
50°	17.6	13.5	12.3	11.6	12.0	12.1	11.8	12.5	13.4	13.9	14.3
47.5°	16.1	14.8	14.9	14.5	15.2	16.3	16.5	17.1	18.4	19.1	19.7
45°	17.9	19.2	20.0	21.3	22.2	24.1	24.8	24.8	27.6	29.5	30.5
42.5°	24.9	27.1	29.8	32.4	33.8	36.3	38.8	40.3	44.5	47.8	49.1
40°	37.7	38.9	44.5	47.9	50.5	53.6	61.5	66.7	74.8	90.0	101.1
37.5°	55.4	59.4	62.8	67.7	78.3	83.5	108.6	131.4	147.0	184.9	206.3
35°	81.1	92.3	88.5	110.2	136.9	170.7	207.4	262.0	305.3	356.6	403.8
32.5°	127.2	154.5	180.8	206.0	266.3	363.0	365.6	468.0	536.4	619.4	692.4
30°	201.3	297.6	418.7	458.9	628.6	818.4	765.8	922.7	1078.2	1170.6	1490.0
27.5°	397.2	614.2	855.0	1160.8	1477.2	1803.5	2019.6	2095.2	2881.8	3460.3	4213.2
25°	679.7	1060.4	1732.9	2228.2	2783.8	3508.4	3927.0	4490.5	5802.6	7437.8	8707.9
22.5°	1083.2	1748.4	2636.9	3386.5	4219.3	5195.8	6079.0	7429.9	9470.4	11702.3	13601.0
20°	1535.4	2393.0	3518.8	4641.9	5733.6	7006.2	8542.9	11301.5	14454.2	17952.8	21115.7
17.5°	2369.6	3213.0	4654.7	6190.1	7741.2	9274.0	12653.3	16738.7	21674.1	26858.2	31462.7
15°	3561.8	4926.9	6356.8	8387.0	10968.6	13914.4	18194.1	25359.7	33024.8	41115.4	50760.7
12.5°	5117.7	7096.6	9241.7	11592.3	15092.5	20470.0	27569.4	36315.6	47287.3	59425.3	73150.2
10°	6705.4	9559.5	12513.5	15870.6	20483.9	27410.4	36578.8	47530.0	64784.5	81791.0	96115.3
7.5°	7996.3	11322.5	15049.4	19509.0	25521.9	33961.6	45291.6	61118.8	81695.6	101930.4	117955.2
5°	9207.5	12861.3	16741.2	21297.7	28546.8	38724.2	52368.9	72115.4	96732.2	118252.2	135423.6
2.5°	10085.9	13924.1	17938.1	22574.3	30838.9	41619.4	56599.6	81093.9	109427.8	131476.3	151165.1
0°	10474.8	14026.3	17866.0	22622.8	30914.2	43096.1	58066.7	84885.2	115304.4	139007.9	158785.3
-2.5°	9992.7	13440.6	17402.9	22050.0	30361.5	42063.9	57528.1	84458.3	114982.1	139021.2	158520.0
-5°	9482.5	12751.2	16429.5	20725.1	28303.9	39185.1	54962.8	80693.7	109984.6	134152.2	153173.1
-7.5°	8938.7	11930.4	15221.1	19075.1	25798.9	36269.7	50920.3	72637.2	100016.3	124623.2	142512.3
-10°	8317.0	11040.4	14501.1	18585.8	24439.1	33541.0	45657.0	63054.9	88699.0	111561.3	131202.5
-12.5°	7951.9	10856.9	14315.0	18066.9	22788.4	30809.6	41833.5	56674.2	74228.3	95465.1	112941.7
-15°	7482.7	10423.2	13852.8	17372.7	21743.2	28005.9	36709.7	47610.2	60967.3	75278.3	90790.7
-17.5°	6711.3	9650.1	12411.9	15715.5	19866.6	24814.6	31069.4	39529.0	48391.4	58531.4	67812.3
-20°	5441.0	7814.8	10426.7	13539.4	17107.8	20857.4	25034.4	30798.4	36420.2	43519.2	49218.2



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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°	3914.6	5921.1	8183.9	10756.4	13582.3	16792.5	19939.0	22980.8	26833.7	31327.2	35906.3
-25°	2549.4	4033.9	5993.4	8101.8	10075.4	12640.8	14901.5	16718.1	19316.2	21349.4	24124.4
-27.5°	1765.4	2730.2	4190.0	5869.8	7426.6	9068.7	10909.0	12149.2	14173.1	15273.0	16974.0
-30°	1291.7	1833.3	2883.1	4139.6	5495.8	6893.5	8207.3	9571.0	10978.8	12223.7	13167.8
-32.5°	1145.5	1358.2	1875.9	2780.3	3841.5	5013.5	6126.1	7314.9	8436.4	9401.4	10180.2
-35°	1046.3	1165.5	1328.1	1806.4	2439.7	3354.7	4229.9	5192.3	6093.1	6839.1	7464.3
-37.5°	967.6	1063.2	1165.5	1270.4	1626.0	2026.5	2648.6	3317.3	3895.4	4555.9	5066.0
-40°	878.3	980.4	1062.3	1146.1	1240.4	1340.8	1677.6	1977.0	2303.6	2749.5	3113.8
-42.5°	786.2	875.0	967.3	1045.3	1116.4	1191.5	1267.2	1334.3	1500.1	1696.7	1845.9
-45°	722.5	785.3	852.9	935.6	1012.1	1077.2	1138.4	1197.1	1257.3	1312.9	1359.0
-47.5°	666.3	717.1	772.8	829.6	887.2	954.1	1016.8	1076.4	1128.7	1176.1	1214.2
-50°	625.3	660.4	706.8	751.6	800.8	847.5	889.2	938.0	991.5	1040.1	1078.9
-52.5°	604.6	635.3	661.9	694.0	738.4	777.5	811.8	850.5	887.7	921.7	946.7
-55°	563.8	604.0	642.9	679.0	709.6	737.5	767.3	805.3	837.9	865.9	881.4
-57.5°	499.8	551.4	600.3	646.2	689.3	729.9	763.6	793.7	823.9	852.6	865.9
-60°	424.3	473.6	524.6	579.8	635.5	690.9	731.7	770.6	807.3	838.0	854.4
-62.5°	343.2	388.1	433.8	483.4	536.4	588.2	632.7	679.1	726.7	767.7	793.9
-65°	250.9	289.2	330.1	370.8	411.1	452.5	492.2	531.3	569.2	600.0	621.4
-67.5°	179.9	204.6	229.9	256.0	287.2	319.1	348.5	376.9	404.1	425.8	441.8
-70°	123.7	139.6	154.5	171.1	191.1	210.5	228.6	245.8	261.9	275.6	287.0
-72.5°	76.9	87.3	97.7	109.4	120.7	131.6	141.8	151.4	160.3	168.4	175.7
-75°	38.6	43.5	51.7	59.5	66.9	74.5	81.6	87.8	93.1	97.7	101.5
-77.5°	25.0	28.1	31.2	34.0	36.6	40.2	44.1	48.1	52.0	55.2	58.2
-80°	17.6	19.2	21.1	22.9	24.8	27.0	29.3	31.6	33.8	35.2	36.5
-82.5°	12.5	13.5	14.5	15.6	16.7	18.2	19.9	21.4	22.9	24.0	25.1
-85°	9.0	9.4	9.9	10.4	10.9	12.4	13.8	15.2	16.6	17.5	18.5
-87.5°	6.5	6.5	6.6	6.6	6.6	7.9	9.2	10.5	11.8	12.3	12.7
-90°	3.4	3.4	3.4	3.4	3.4	3.0	2.6	2.1	1.7	1.7	1.7



REPORT NUMBER: P1306170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	11.1	11.9	11.9	11.9	11.9	11.9	11.1	10.2	9.4	8.5	7.7
87.5°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	2.1
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3
82.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4
80°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4
77.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.0	3.4	3.8
75°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.5	3.9
72.5°	5.0	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.8	4.9	5.5
70°	6.7	6.7	6.0	5.1	6.0	6.7	6.7	6.6	6.5	6.6	7.4
67.5°	8.4	8.4	9.3	10.2	9.3	8.4	8.4	8.3	8.1	8.4	9.1
65°	11.1	11.7	11.1	10.2	11.1	11.7	11.1	10.5	9.9	9.9	10.4
62.5°	9.8	10.2	9.5	8.5	9.5	10.2	9.8	9.4	9.1	9.5	10.2
60°	8.1	8.5	8.5	8.5	8.5	8.5	8.1	7.7	7.4	7.9	8.7
57.5°	7.8	8.3	8.5	8.5	8.5	8.3	7.8	7.3	6.8	7.2	7.7
55°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.2	7.9	8.1	8.3
52.5°	11.4	11.7	11.8	11.9	11.8	11.7	11.4	11.0	10.5	10.3	10.1
50°	14.7	15.1	15.2	15.3	15.2	15.1	14.7	14.3	13.9	13.4	12.5
47.5°	20.1	20.2	20.2	20.3	20.2	20.2	20.1	19.7	19.1	18.4	17.1
45°	31.0	30.6	30.3	30.5	30.3	30.6	31.0	30.5	29.5	27.6	24.8
42.5°	50.4	50.5	50.4	50.9	50.4	50.5	50.4	49.1	47.8	44.5	40.3
40°	104.1	100.4	95.0	94.9	95.0	100.4	104.1	101.1	90.0	74.8	66.7
37.5°	216.9	220.6	220.2	223.8	220.2	220.6	216.9	206.3	184.9	147.0	131.4
35°	439.8	459.5	464.0	462.8	464.0	459.5	439.8	403.8	356.6	305.3	262.0
32.5°	724.3	750.5	757.8	767.9	757.8	750.5	724.3	692.4	619.4	536.4	468.0
30°	1273.5	1308.7	1275.1	1207.0	1275.1	1308.7	1273.5	1490.0	1170.6	1078.2	922.7
27.5°	4614.2	4783.4	4402.5	4263.5	4402.5	4783.4	4614.2	4213.2	3460.3	2881.8	2095.2
25°	9403.6	10152.0	10919.2	10851.2	10919.2	10152.0	9403.6	8707.9	7437.8	5802.6	4490.5
22.5°	15176.2	15934.6	16566.7	16784.5	16566.7	15934.6	15176.2	13601.0	11702.3	9470.4	7429.9
20°	24037.8	25514.9	26572.6	25445.4	26572.6	25514.9	24037.8	21115.7	17952.8	14454.2	11301.5
17.5°	38423.0	42871.0	45181.6	46640.8	45181.6	42871.0	38423.0	31462.7	26858.2	21674.1	16738.7
15°	59645.0	66353.1	70069.4	72530.4	70069.4	66353.1	59645.0	50760.7	41115.4	33024.8	25359.7
12.5°	84119.4	91433.1	94717.8	97398.6	94717.8	91433.1	84119.4	73150.2	59425.3	47287.3	36315.6
10°	107385.4	115287.0	120757.7	123600.9	120757.7	115287.0	107385.4	96115.3	81791.0	64784.5	47530.0
7.5°	128702.8	138368.6	143920.0	145687.2	143920.0	138368.6	128702.8	117955.2	101930.4	81695.6	61118.8
5°	149554.1	158178.1	164854.3	166368.1	164854.3	158178.1	149554.1	135423.6	118252.2	96732.2	72115.4
2.5°	165608.6	175944.4	181938.2	183750.1	181938.2	175944.4	165608.6	151165.1	131476.3	109427.8	81093.9
0°	172965.9	182588.1	189685.1	192230.5	189685.1	182588.1	172965.9	158785.3	139007.9	115304.4	84885.2
-2.5°	171427.0	180294.4	185374.4	186249.8	185374.4	180294.4	171427.0	158520.0	139021.2	114982.1	84458.3
-5°	166014.8	174162.0	179179.5	179323.0	179179.5	174162.0	166014.8	153173.1	134152.2	109984.6	80693.7
-7.5°	154126.4	161745.0	165243.0	166121.5	165243.0	161745.0	154126.4	142512.3	124623.2	100016.3	72637.2
-10°	142026.2	149094.3	152399.8	152765.6	152399.8	149094.3	142026.2	131202.5	111561.3	88699.0	63054.9
-12.5°	126352.6	133915.6	137216.0	138768.1	137216.0	133915.6	126352.6	112941.7	95465.1	74228.3	56674.2
-15°	103028.6	110341.8	114301.3	117225.1	114301.3	110341.8	103028.6	90790.7	75278.3	60967.3	47610.2
-17.5°	78037.1	84305.5	88207.5	91759.4	88207.5	84305.5	78037.1	67812.3	58531.4	48391.4	39529.0
-20°	55559.0	59551.1	60777.2	62691.3	60777.2	59551.1	55559.0	49218.2	43519.2	36420.2	30798.4



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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°	39021.9	41291.7	42729.4	43542.0	42729.4	41291.7	39021.9	35906.3	31327.2	26833.7	22980.8
-25°	26454.1	28028.2	28640.5	29346.1	28640.5	28028.2	26454.1	24124.4	21349.4	19316.2	16718.1
-27.5°	17720.1	18366.5	18807.9	19047.6	18807.9	18366.5	17720.1	16974.0	15273.0	14173.1	12149.2
-30°	13927.7	14518.8	14873.3	14985.8	14873.3	14518.8	13927.7	13167.8	12223.7	10978.8	9571.0
-32.5°	10783.2	11229.9	11468.8	11500.4	11468.8	11229.9	10783.2	10180.2	9401.4	8436.4	7314.9
-35°	7988.5	8395.4	8620.8	8605.0	8620.8	8395.4	7988.5	7464.3	6839.1	6093.1	5192.3
-37.5°	5504.8	5849.7	6061.4	6116.4	6061.4	5849.7	5504.8	5066.0	4555.9	3895.4	3317.3
-40°	3443.7	3697.1	3848.4	3868.5	3848.4	3697.1	3443.7	3113.8	2749.5	2303.6	1977.0
-42.5°	1976.8	2079.4	2137.1	2134.3	2137.1	2079.4	1976.8	1845.9	1696.7	1500.1	1334.3
-45°	1389.3	1412.3	1425.3	1427.4	1425.3	1412.3	1389.3	1359.0	1312.9	1257.3	1197.1
-47.5°	1241.8	1263.6	1275.2	1276.5	1275.2	1263.6	1241.8	1214.2	1176.1	1128.7	1076.4
-50°	1110.0	1135.8	1149.8	1152.8	1149.8	1135.8	1110.0	1078.9	1040.1	991.5	938.0
-52.5°	966.9	983.9	989.6	986.6	989.6	983.9	966.9	946.7	921.7	887.7	850.5
-55°	895.8	909.7	915.7	917.1	915.7	909.7	895.8	881.4	865.9	837.9	805.3
-57.5°	878.7	891.1	895.0	895.1	895.0	891.1	878.7	865.9	852.6	823.9	793.7
-60°	870.4	886.0	889.0	886.6	889.0	886.0	870.4	854.4	838.0	807.3	770.6
-62.5°	817.1	837.0	843.3	842.5	843.3	837.0	817.1	793.9	767.7	726.7	679.1
-65°	639.5	654.1	661.6	664.5	661.6	654.1	639.5	621.4	600.0	569.2	531.3
-67.5°	454.9	465.0	468.3	467.9	468.3	465.0	454.9	441.8	425.8	404.1	376.9
-70°	296.6	304.4	305.2	303.4	305.2	304.4	296.6	287.0	275.6	261.9	245.8
-72.5°	182.0	187.4	186.9	184.8	186.9	187.4	182.0	175.7	168.4	160.3	151.4
-75°	104.7	107.4	106.6	105.1	106.6	107.4	104.7	101.5	97.7	93.1	87.8
-77.5°	61.1	63.8	64.3	64.4	64.3	63.8	61.1	58.2	55.2	52.0	48.1
-80°	37.7	38.8	39.0	39.0	39.0	38.8	37.7	36.5	35.2	33.8	31.6
-82.5°	26.1	27.0	27.1	27.1	27.1	27.0	26.1	25.1	24.0	22.9	21.4
-85°	19.4	20.2	20.3	20.3	20.3	20.2	19.4	18.5	17.5	16.6	15.2
-87.5°	13.2	13.6	13.6	13.6	13.6	13.6	13.2	12.7	12.3	11.8	10.5
-90°	1.7	1.7	0.8	0.0	0.8	1.7	1.7	1.7	1.7	1.7	2.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.8	6.0	5.1	5.1	5.1	5.1	5.1	5.5	6.0	6.4	6.8
87.5°	2.6	3.0	3.4	3.4	3.4	3.4	3.4	3.8	4.3	4.7	5.1
85°	3.3	3.3	3.4	3.7	4.0	4.3	4.5	4.6	4.7	4.9	5.1
82.5°	3.4	3.4	3.4	3.9	4.3	4.7	5.1	5.1	5.1	5.1	5.1
80°	3.4	3.4	3.5	3.9	4.3	4.7	5.1	5.2	5.2	5.1	5.2
77.5°	4.0	4.2	4.3	4.4	4.6	4.8	5.2	5.6	5.9	6.0	6.0
75°	4.4	4.8	5.2	5.3	5.3	5.2	5.3	5.7	6.1	6.5	6.8
72.5°	5.9	6.3	6.4	6.5	6.3	6.4	6.7	7.0	7.1	7.0	6.8
70°	8.0	8.7	9.5	10.1	10.2	10.2	10.0	9.8	9.5	9.4	8.8
67.5°	9.7	10.4	11.9	13.7	14.7	15.2	15.0	14.1	13.4	13.0	11.5
65°	11.0	11.8	14.1	16.3	18.2	19.9	21.6	21.5	20.5	18.3	14.6
62.5°	11.0	11.7	13.4	15.5	18.3	22.7	27.9	29.8	29.6	25.7	20.3
60°	9.5	10.5	12.3	14.1	15.9	21.8	30.8	37.1	40.6	34.4	26.1
57.5°	8.2	9.1	10.7	12.5	14.7	21.4	30.8	42.1	49.3	40.3	31.8
55°	8.4	8.9	9.7	10.7	12.5	19.0	27.4	37.7	45.8	43.3	33.9
52.5°	10.1	10.1	10.1	10.0	11.6	15.9	22.0	31.3	36.3	35.6	32.6
50°	11.8	12.1	12.0	11.6	12.3	13.5	17.6	24.4	27.1	28.5	27.4
47.5°	16.5	16.3	15.2	14.5	14.9	14.8	16.1	18.1	21.9	22.2	22.6
45°	24.8	24.1	22.2	21.3	20.0	19.2	17.9	19.9	20.8	21.5	18.8
42.5°	38.8	36.3	33.8	32.4	29.8	27.1	24.9	25.5	25.1	24.0	23.3
40°	61.5	53.6	50.5	47.9	44.5	38.9	37.7	34.6	32.9	30.1	31.0
37.5°	108.6	83.5	78.3	67.7	62.8	59.4	55.4	49.7	43.3	46.0	45.6
35°	207.4	170.7	136.9	110.2	88.5	92.3	81.1	70.0	65.8	69.5	66.2
32.5°	365.6	363.0	266.3	206.0	180.8	154.5	127.2	99.0	109.2	106.8	94.2
30°	765.8	818.4	628.6	458.9	418.7	297.6	201.3	184.9	176.6	156.4	130.5
27.5°	2019.6	1803.5	1477.2	1160.8	855.0	614.2	397.2	293.6	263.9	227.7	185.5
25°	3927.0	3508.4	2783.8	2228.2	1732.9	1060.4	679.7	480.3	375.9	315.8	260.0
22.5°	6079.0	5195.8	4219.3	3386.5	2636.9	1748.4	1083.2	695.8	501.9	419.6	348.1
20°	8542.9	7006.2	5733.6	4641.9	3518.8	2393.0	1535.4	1040.3	711.3	535.4	437.9
17.5°	12653.3	9274.0	7741.2	6190.1	4654.7	3213.0	2369.6	1585.8	937.8	656.3	527.2
15°	18194.1	13914.4	10968.6	8387.0	6356.8	4926.9	3561.8	2280.3	1258.2	822.8	638.0
12.5°	27569.4	20470.0	15092.5	11592.3	9241.7	7096.6	5117.7	3309.2	1809.0	1040.3	773.0
10°	36578.8	27410.4	20483.9	15870.6	12513.5	9559.5	6705.4	4229.2	2307.9	1266.5	902.7
7.5°	45291.6	33961.6	25521.9	19509.0	15049.4	11322.5	7996.3	5076.6	2742.7	1487.4	1026.2
5°	52368.9	38724.2	28546.8	21297.7	16741.2	12861.3	9207.5	5871.5	3108.5	1696.5	1142.6
2.5°	56599.6	41619.4	30838.9	22574.3	17938.1	13924.1	10085.9	6362.5	3279.5	1808.4	1207.9
0°	58066.7	43096.1	30914.2	22622.8	17866.0	14026.3	10474.8	6519.9	3312.5	1876.6	1264.6
-2.5°	57528.1	42063.9	30361.5	22050.0	17402.9	13440.6	9992.7	6548.3	3497.7	1947.2	1307.7
-5°	54962.8	39185.1	28303.9	20725.1	16429.5	12751.2	9482.5	6410.7	3582.0	1980.1	1341.4
-7.5°	50920.3	36269.7	25798.9	19075.1	15221.1	11930.4	8938.7	6128.9	3538.6	1957.1	1346.9
-10°	45657.0	33541.0	24439.1	18585.8	14501.1	11040.4	8317.0	5733.3	3358.5	1891.0	1342.1
-12.5°	41833.5	30809.6	22788.4	18066.9	14315.0	10856.9	7951.9	5270.3	3025.9	1778.4	1326.7
-15°	36709.7	28005.9	21743.2	17372.7	13852.8	10423.2	7482.7	4698.5	2510.2	1603.0	1300.5
-17.5°	31069.4	24814.6	19866.6	15715.5	12411.9	9650.1	6711.3	4039.4	2138.8	1421.5	1232.2
-20°	25034.4	20857.4	17107.8	13539.4	10426.7	7814.8	5441.0	3152.8	1818.7	1328.1	1155.5



REPORT NUMBER: P1306170 (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°	19939.0	16792.5	13582.3	10756.4	8183.9	5921.1	3914.6	2209.7	1421.2	1225.4	1067.2
-25°	14901.5	12640.8	10075.4	8101.8	5993.4	4033.9	2549.4	1690.9	1275.8	1118.2	968.4
-27.5°	10909.0	9068.7	7426.6	5869.8	4190.0	2730.2	1765.4	1275.8	1144.3	1009.5	870.6
-30°	8207.3	6893.5	5495.8	4139.6	2883.1	1833.3	1291.7	1137.5	1028.5	910.1	786.8
-32.5°	6126.1	5013.5	3841.5	2780.3	1875.9	1358.2	1145.5	1013.3	925.6	822.8	727.9
-35°	4229.9	3354.7	2439.7	1806.4	1328.1	1165.5	1046.3	939.6	834.6	745.5	675.8
-37.5°	2648.6	2026.5	1626.0	1270.4	1165.5	1063.2	967.6	861.5	756.5	690.5	630.4
-40°	1677.6	1340.8	1240.4	1146.1	1062.3	980.4	878.3	776.7	706.5	640.5	588.1
-42.5°	1267.2	1191.5	1116.4	1045.3	967.3	875.0	786.2	719.9	657.4	600.6	555.8
-45°	1138.4	1077.2	1012.1	935.6	852.9	785.3	722.5	665.8	611.9	570.1	527.0
-47.5°	1016.8	954.1	887.2	829.6	772.8	717.1	666.3	616.0	583.0	543.9	489.2
-50°	889.2	847.5	800.8	751.6	706.8	660.4	625.3	593.2	554.8	505.4	447.5
-52.5°	811.8	777.5	738.4	694.0	661.9	635.3	604.6	561.4	516.4	457.8	395.0
-55°	767.3	737.5	709.6	679.0	642.9	604.0	563.8	515.7	458.2	399.3	342.2
-57.5°	763.6	729.9	689.3	646.2	600.3	551.4	499.8	447.1	394.0	340.5	288.0
-60°	731.7	690.9	635.5	579.8	524.6	473.6	424.3	375.6	327.5	279.6	232.8
-62.5°	632.7	588.2	536.4	483.4	433.8	388.1	343.2	298.3	256.5	216.7	179.0
-65°	492.2	452.5	411.1	370.8	330.1	289.2	250.9	219.3	189.9	159.0	127.6
-67.5°	348.5	319.1	287.2	256.0	229.9	204.6	179.9	154.1	133.0	115.0	96.8
-70°	228.6	210.5	191.1	171.1	154.5	139.6	123.7	107.8	92.8	79.2	65.0
-72.5°	141.8	131.6	120.7	109.4	97.7	87.3	76.9	66.1	55.0	43.8	35.5
-75°	81.6	74.5	66.9	59.5	51.7	43.5	38.6	35.2	31.9	28.5	25.0
-77.5°	44.1	40.2	36.6	34.0	31.2	28.1	25.0	22.8	21.4	20.0	18.6
-80°	29.3	27.0	24.8	22.9	21.1	19.2	17.6	16.6	15.7	15.0	14.3
-82.5°	19.9	18.2	16.7	15.6	14.5	13.5	12.5	12.1	11.7	11.3	10.8
-85°	13.8	12.4	10.9	10.4	9.9	9.4	9.0	8.8	8.6	8.4	8.2
-87.5°	9.2	7.9	6.6	6.6	6.6	6.5	6.5	6.5	6.6	6.7	6.8
-90°	2.6	3.0	3.4	3.4	3.4	3.4	3.4	3.8	4.3	4.7	5.1



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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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	5.1	5.1	5.1	5.1	5.5	6.0	6.4	6.8	6.8	6.8	6.8
85°	5.3	5.3	5.4	5.4	5.6	6.0	6.4	6.8	6.8	6.8	6.8
82.5°	5.6	5.9	6.2	6.3	6.3	6.4	6.6	6.8	6.9	6.8	6.8
80°	5.6	6.0	6.4	6.8	6.8	6.8	6.7	6.8	7.1	7.1	7.1
77.5°	6.1	6.2	6.5	6.8	6.8	6.8	6.8	6.9	7.3	7.4	7.5
75°	6.8	6.7	6.7	6.9	6.9	6.8	6.8	6.9	7.3	7.8	7.9
72.5°	6.8	6.8	6.8	7.0	7.3	7.3	7.1	7.0	7.4	7.8	8.2
70°	8.0	7.1	6.8	7.1	7.5	7.8	7.8	7.5	7.4	7.8	8.2
67.5°	10.2	9.2	8.1	7.4	7.6	8.0	8.4	8.1	7.9	7.9	8.3
65°	12.9	11.4	10.0	8.8	8.1	8.1	8.5	8.5	8.2	8.1	8.3
62.5°	16.2	13.5	11.9	10.2	8.9	8.4	8.5	8.5	8.5	8.3	8.4
60°	19.8	15.9	13.6	11.8	10.0	8.7	8.5	8.5	8.5	8.5	8.5
57.5°	23.7	17.7	15.2	13.3	11.5	9.5	8.5	8.5	8.5	8.5	8.5
55°	26.3	20.0	16.7	14.4	12.7	10.8	8.9	8.5	8.5	8.5	8.5
52.5°	25.9	21.5	18.4	15.5	13.5	12.0	10.1	8.5	8.5	8.5	8.5
50°	23.4	22.1	19.5	16.5	14.1	12.6	11.1	9.3	8.5	8.5	8.5
47.5°	22.4	22.4	20.2	17.2	14.6	13.1	11.7	10.0	8.5	8.5	8.5
45°	22.0	23.1	21.1	18.0	15.1	13.6	12.1	10.7	9.0	8.6	8.5
42.5°	22.5	24.2	23.0	18.8	16.5	14.1	12.6	11.1	9.5	8.7	8.6
40°	28.8	26.1	25.5	23.1	18.6	14.6	13.0	11.4	9.9	8.9	8.7
37.5°	37.2	31.9	28.2	30.8	22.4	16.8	13.4	11.8	10.5	9.4	8.9
35°	55.1	41.1	38.8	41.0	31.9	19.4	13.7	12.1	11.0	9.9	9.1
32.5°	77.5	61.6	58.8	53.4	43.9	22.4	15.3	12.9	11.5	10.4	9.3
30°	110.3	99.3	84.0	68.3	57.7	33.3	18.4	14.0	12.0	10.8	9.6
27.5°	160.2	141.2	115.2	91.2	71.9	46.6	22.5	15.3	12.5	11.2	10.0
25°	217.9	188.5	154.9	119.2	87.9	64.7	26.8	16.9	13.4	11.6	10.3
22.5°	288.2	239.4	197.2	150.1	112.0	85.3	36.5	20.5	14.5	12.0	10.6
20°	361.5	292.7	242.8	184.7	141.0	105.6	52.3	24.1	15.8	12.4	11.0
17.5°	437.8	360.7	297.6	225.5	170.7	127.4	69.1	27.7	17.2	12.7	11.3
15°	540.7	447.6	357.6	268.7	199.1	150.3	86.5	31.3	18.6	13.1	11.6
12.5°	649.3	538.2	421.0	313.5	226.0	173.9	104.2	34.8	20.0	14.0	11.9
10°	757.0	630.9	486.6	358.6	251.5	197.6	121.6	39.7	23.3	15.5	12.3
7.5°	862.6	723.5	552.5	403.1	278.6	228.5	150.2	47.8	26.9	17.1	12.6
5°	958.2	806.1	617.5	457.5	322.0	266.4	180.4	55.9	30.5	18.8	13.0
2.5°	1018.8	870.4	678.5	509.7	364.3	302.9	209.2	63.8	34.0	20.4	13.3
0°	1073.1	927.3	734.0	557.7	405.2	337.4	235.6	71.2	37.3	22.0	13.6
-2.5°	1107.5	960.7	764.4	595.8	447.4	375.2	267.6	92.1	49.4	28.4	16.2
-5°	1136.3	986.8	789.9	629.8	487.6	410.3	295.1	111.8	60.9	34.5	18.7
-7.5°	1146.8	992.0	803.1	656.7	525.7	442.3	317.3	129.8	71.6	40.0	21.1
-10°	1146.9	981.0	798.8	656.2	534.9	455.8	330.7	145.6	81.1	45.0	23.1
-12.5°	1138.8	962.4	790.6	651.3	536.6	452.1	321.0	156.0	89.1	49.1	24.9
-15°	1121.8	936.4	779.0	641.8	535.4	446.0	309.0	162.8	95.3	52.5	26.2
-17.5°	1087.3	902.8	764.1	627.7	531.4	437.7	295.2	167.4	99.9	55.3	27.7
-20°	1006.3	854.5	746.0	608.9	524.2	427.2	280.3	169.5	102.7	57.0	29.1



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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°	921.0	798.8	699.8	596.7	512.2	414.7	264.7	169.1	103.7	57.4	30.0
-25°	833.4	742.0	649.8	568.5	495.0	391.3	255.6	166.1	102.6	56.4	30.3
-27.5°	762.9	685.2	601.7	540.2	466.9	368.7	250.8	164.4	100.2	54.0	30.0
-30°	699.5	632.5	566.7	511.0	438.3	336.6	242.7	160.1	97.3	52.4	29.2
-32.5°	649.9	583.7	535.8	478.4	403.0	304.0	225.2	152.9	92.4	51.3	28.5
-35°	610.3	550.7	505.3	445.9	365.0	278.3	203.7	142.8	85.4	49.3	27.5
-37.5°	571.4	525.6	470.3	409.6	327.2	250.3	183.8	127.2	76.4	46.4	25.9
-40°	543.9	496.3	439.0	368.7	293.0	220.2	162.3	112.0	70.4	42.6	23.6
-42.5°	515.0	461.0	399.2	328.7	257.9	194.9	140.0	95.9	63.7	38.9	20.8
-45°	475.7	420.6	355.6	289.0	222.1	168.2	121.5	80.4	56.3	35.0	18.4
-47.5°	432.4	372.8	311.8	248.6	191.5	142.0	102.2	71.4	48.3	30.2	17.1
-50°	381.1	325.3	268.2	212.9	160.6	120.1	84.6	61.9	41.6	24.3	15.5
-52.5°	334.0	278.9	227.5	177.8	134.8	97.6	73.4	52.0	34.3	20.7	13.6
-55°	286.2	234.6	188.0	145.9	108.6	82.4	61.5	43.0	26.4	17.9	11.7
-57.5°	238.2	191.0	151.0	114.6	88.6	68.6	50.0	33.4	21.8	14.9	11.4
-60°	189.1	150.0	114.1	91.8	72.8	54.8	38.5	25.1	17.9	12.2	11.0
-62.5°	142.6	111.0	91.5	73.8	56.7	40.8	27.5	20.1	13.7	11.8	10.6
-65°	107.1	88.3	71.2	55.1	40.0	28.3	21.3	14.9	12.4	11.3	10.3
-67.5°	79.7	64.0	49.3	35.5	27.7	21.4	15.0	12.8	11.8	10.8	10.3
-70°	51.3	38.4	31.2	25.8	20.2	15.2	13.4	12.2	11.3	10.7	10.3
-72.5°	31.2	26.9	22.4	17.8	15.7	13.9	12.6	11.6	10.9	10.5	10.2
-75°	21.2	19.0	17.2	15.4	13.8	12.5	11.7	11.0	10.5	10.2	9.8
-77.5°	17.0	15.5	14.1	13.0	12.1	11.4	10.8	10.4	10.0	9.7	9.3
-80°	13.4	12.6	11.8	11.2	10.6	10.2	9.9	9.7	9.4	9.1	8.8
-82.5°	10.3	10.0	9.8	9.7	9.5	9.3	9.1	9.0	8.7	8.5	8.3
-85°	8.3	8.4	8.5	8.7	8.6	8.5	8.4	8.2	8.1	8.0	7.8
-87.5°	7.1	7.3	7.6	7.8	7.7	7.6	7.6	7.5	7.5	7.4	7.3
-90°	5.1	5.1	5.1	5.1	5.5	6.0	6.4	6.8	6.8	6.8	6.8



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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°	6.9	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	7.3	6.9	6.8	6.8	6.8	6.8	6.8
75°	7.7	7.3	6.9	6.8	6.8	6.8	6.8
72.5°	8.1	7.6	7.1	6.8	6.8	6.8	6.8
70°	8.5	8.0	7.4	6.8	6.8	6.8	6.8
67.5°	8.5	8.3	7.7	7.0	6.8	6.8	6.8
65°	8.5	8.5	8.0	7.3	6.8	6.8	6.8
62.5°	8.5	8.5	8.2	7.4	6.8	6.8	6.8
60°	8.5	8.5	8.5	7.6	6.8	6.8	6.8
57.5°	8.5	8.5	8.5	7.8	6.9	6.8	6.8
55°	8.5	8.5	8.5	8.0	7.0	6.8	6.8
52.5°	8.5	8.5	8.5	8.2	7.2	6.8	6.8
50°	8.5	8.5	8.5	8.4	7.3	6.8	6.8
47.5°	8.5	8.5	8.5	8.5	7.4	6.8	6.8
45°	8.5	8.5	8.5	8.5	7.5	6.8	6.8
42.5°	8.5	8.5	8.5	8.5	7.6	6.8	6.8
40°	8.5	8.5	8.5	8.5	7.7	6.8	6.8
37.5°	8.5	8.5	8.5	8.5	7.8	6.8	6.8
35°	8.5	8.5	8.5	8.5	7.9	6.8	6.8
32.5°	8.6	8.5	8.5	8.5	8.0	6.8	6.8
30°	8.7	8.5	8.5	8.5	8.0	6.8	6.8
27.5°	8.9	8.5	8.5	8.5	8.1	6.8	6.8
25°	9.1	8.5	8.5	8.5	8.2	6.8	6.8
22.5°	9.3	8.5	8.5	8.5	8.2	6.8	6.8
20°	9.5	8.7	8.5	8.5	8.3	6.8	6.8
17.5°	9.8	8.8	8.5	8.5	8.3	6.8	6.8
15°	9.9	9.0	8.5	8.5	8.4	6.8	6.8
12.5°	10.0	9.2	8.5	8.5	8.4	6.8	6.8
10°	10.1	9.4	8.5	8.5	8.4	6.8	6.8
7.5°	10.2	9.6	8.5	8.5	8.5	6.8	6.8
5°	10.2	9.8	8.5	8.5	8.5	6.8	6.8
2.5°	10.2	10.0	8.5	8.5	8.5	6.8	6.8
0°	10.2	10.2	8.5	8.5	8.5	6.8	6.8
-2.5°	11.1	10.2	8.5	8.5	8.5	6.8	6.8
-5°	12.0	10.2	8.5	8.5	8.5	6.8	6.8
-7.5°	12.8	10.1	8.5	8.5	8.5	6.8	6.8
-10°	13.5	10.1	8.5	8.5	8.4	6.8	6.8
-12.5°	14.1	10.0	8.5	8.5	8.4	6.8	6.8
-15°	14.5	9.9	8.5	8.5	8.4	6.8	6.8
-17.5°	14.7	9.8	8.5	8.5	8.3	6.8	6.8
-20°	15.0	9.7	8.5	8.5	8.3	6.8	6.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.6	9.5	8.5	8.5	8.2	6.8	6.8
-25°	15.9	9.7	8.5	8.5	8.2	6.8	6.8
-27.5°	15.8	9.8	8.5	8.5	8.1	6.8	6.8
-30°	15.3	9.9	8.5	8.5	8.0	6.8	6.8
-32.5°	14.5	9.8	8.6	8.5	8.0	6.8	6.8
-35°	14.1	9.6	8.7	8.5	7.9	6.8	6.8
-37.5°	13.9	9.4	8.7	8.5	7.8	6.8	6.8
-40°	13.4	9.5	8.8	8.5	7.7	6.8	6.8
-42.5°	12.7	9.5	8.8	8.5	7.6	6.8	6.8
-45°	11.9	9.5	8.9	8.6	7.5	6.8	6.8
-47.5°	10.8	9.5	8.9	8.6	7.4	6.8	6.8
-50°	10.6	9.4	9.0	8.5	7.3	6.8	6.8
-52.5°	10.4	9.4	9.0	8.4	7.2	6.8	6.8
-55°	10.3	9.4	9.0	8.2	7.0	6.8	6.8
-57.5°	10.1	9.5	9.1	8.1	6.9	6.8	6.8
-60°	9.9	9.5	9.1	7.9	6.8	6.8	6.8
-62.5°	9.9	9.5	8.9	7.7	6.8	6.8	6.8
-65°	10.0	9.6	8.7	7.6	6.8	6.8	6.8
-67.5°	10.0	9.4	8.4	7.4	6.8	6.8	6.8
-70°	10.1	9.1	8.2	7.2	6.8	6.8	6.8
-72.5°	9.7	8.8	7.9	7.1	6.8	6.8	6.8
-75°	9.3	8.5	7.6	7.1	6.8	6.8	6.8
-77.5°	8.9	8.2	7.5	7.1	6.8	6.8	6.8
-80°	8.5	7.9	7.4	7.0	6.8	6.8	6.8
-82.5°	8.1	7.6	7.2	7.0	6.8	6.8	6.8
-85°	7.7	7.3	7.1	6.9	6.8	6.8	6.8
-87.5°	7.2	7.1	6.9	6.9	6.8	6.8	6.8
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8

(END OF REPORT)