

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: P1305926 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

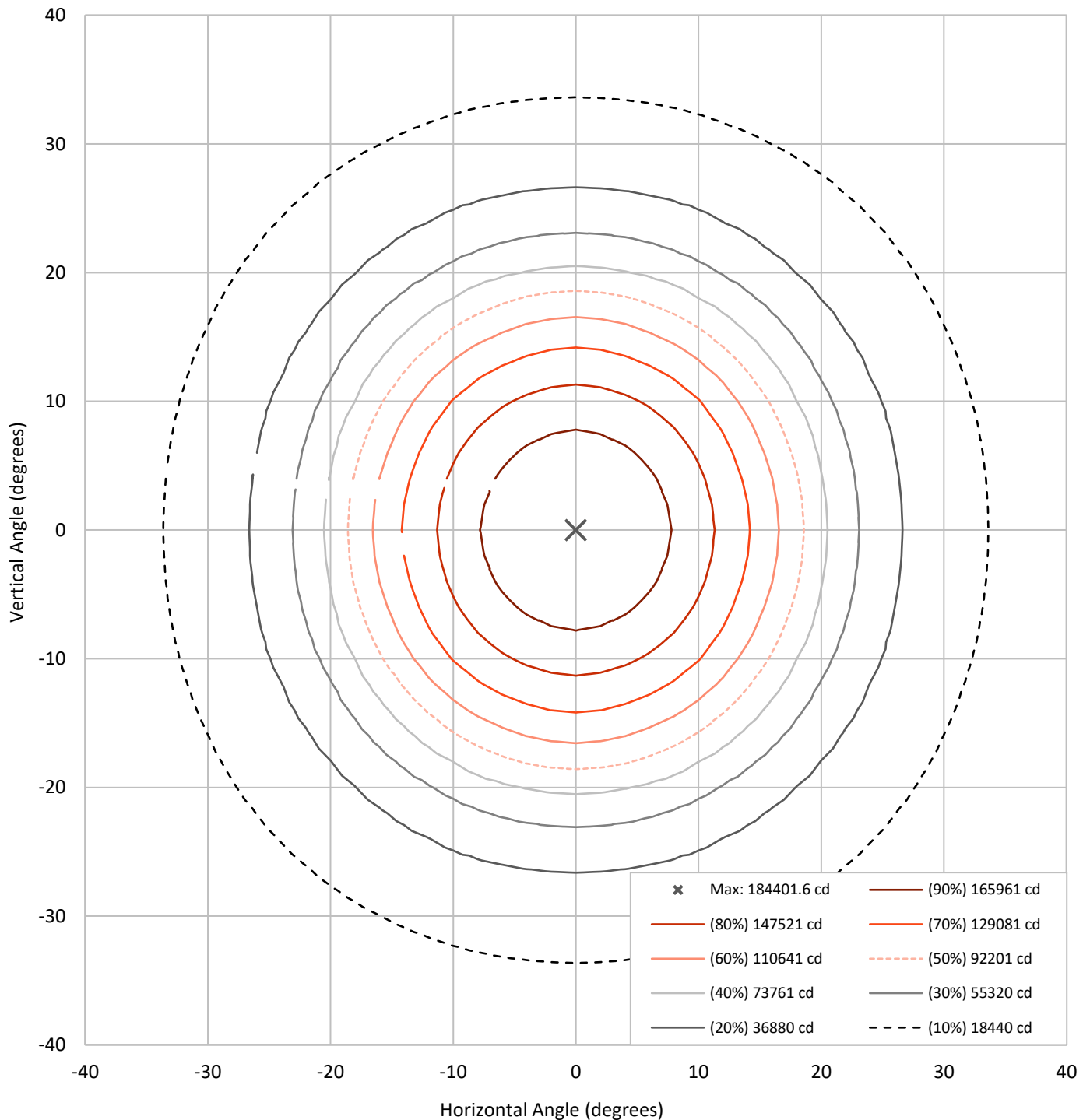
Test Method: LM-79-08
Report Number: P1305926 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-4S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	85158.4 lumens	Max Intensity:	184401.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	37.2°H x 37.2°V	Field Angle (10%):	67.2°H x 67.2°V
Beam Lumens:	44332.7 lumens	Field Lumens:	74471.5 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%
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





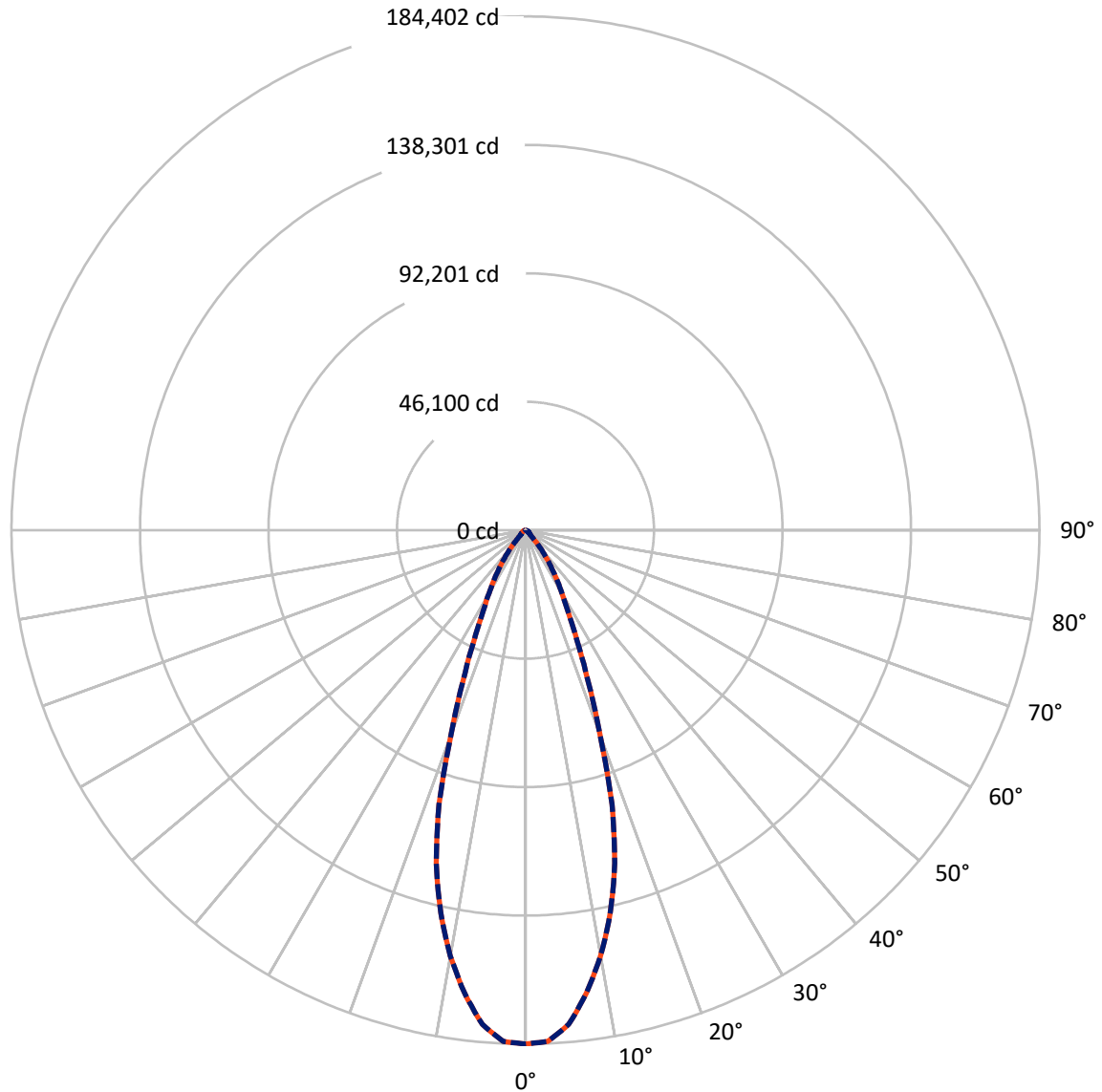
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Lumen Table

90																			
80	0.1	0.6		2.5		6.1		7.9		6.1		2.5		0.6	0.1				
70																			
60	0.3	0.4	1.5	4.3	8.9	14.4	19.2	22.0	22.0	19.2	14.4	8.9	4.3	1.5	0.4	0.3			
50		1.1	5.0	13.7	25.2	35.4	42.9	47.0	47.0	42.9	35.4	25.2	13.7	5.0	1.1				
40	0.9	2.6	11.2	25.5	39.7	55.1	79.1	104.4	104.4	79.1	55.1	39.7	25.5	11.2	2.6	0.9			
30		4.7	17.8	34.3	59.6	160.2	339.0	470.2	470.2	339.0	160.2	59.6	34.3	17.8	4.7				
20	1.8	7.0	22.6	43.2	145.9	455.7	891.2	1325.2	1325.2	891.2	455.7	145.9	43.2	22.6	7.0	1.8			
10		8.7	25.7	58.6	290.3	839.2	2078.2	3411.5	3411.5	2078.2	839.2	290.3	58.6	25.7	8.7				
0	2.2	9.7	27.3	75.5	390.7	1213.4	3315.1	4993.5	4993.5	3315.1	1213.4	390.7	75.5	27.3	9.7	2.2			
-10		9.7	27.3	75.5	390.7	1213.4	3315.1	4993.5	4993.5	3315.1	1213.4	390.7	75.5	27.3	9.7				
-20	1.8	8.7	25.7	58.6	290.3	839.2	2078.2	3411.5	3411.5	2078.2	839.2	290.3	58.6	25.7	8.7	1.8			
-30		7.0	22.6	43.2	145.9	455.7	891.2	1325.2	1325.2	891.2	455.7	145.9	43.2	22.6	7.0				
-40	0.9	4.7	17.8	34.3	59.6	160.2	339.0	470.2	470.2	339.0	160.2	59.6	34.3	17.8	4.7	0.9			
-50		2.6	11.2	25.5	39.7	55.1	79.1	104.4	104.4	79.1	55.1	39.7	25.5	11.2	2.6				
-60	0.3	1.1	5.0	13.7	25.2	35.4	42.9	47.0	47.0	42.9	35.4	25.2	13.7	5.0	1.1	0.3			
-70		0.4	1.5	4.3	8.9	14.4	19.2	22.0	22.0	19.2	14.4	8.9	4.3	1.5	0.4				
-80																			
-90	0.1	0.6		2.5		6.1		7.9		6.1		2.5		0.6	0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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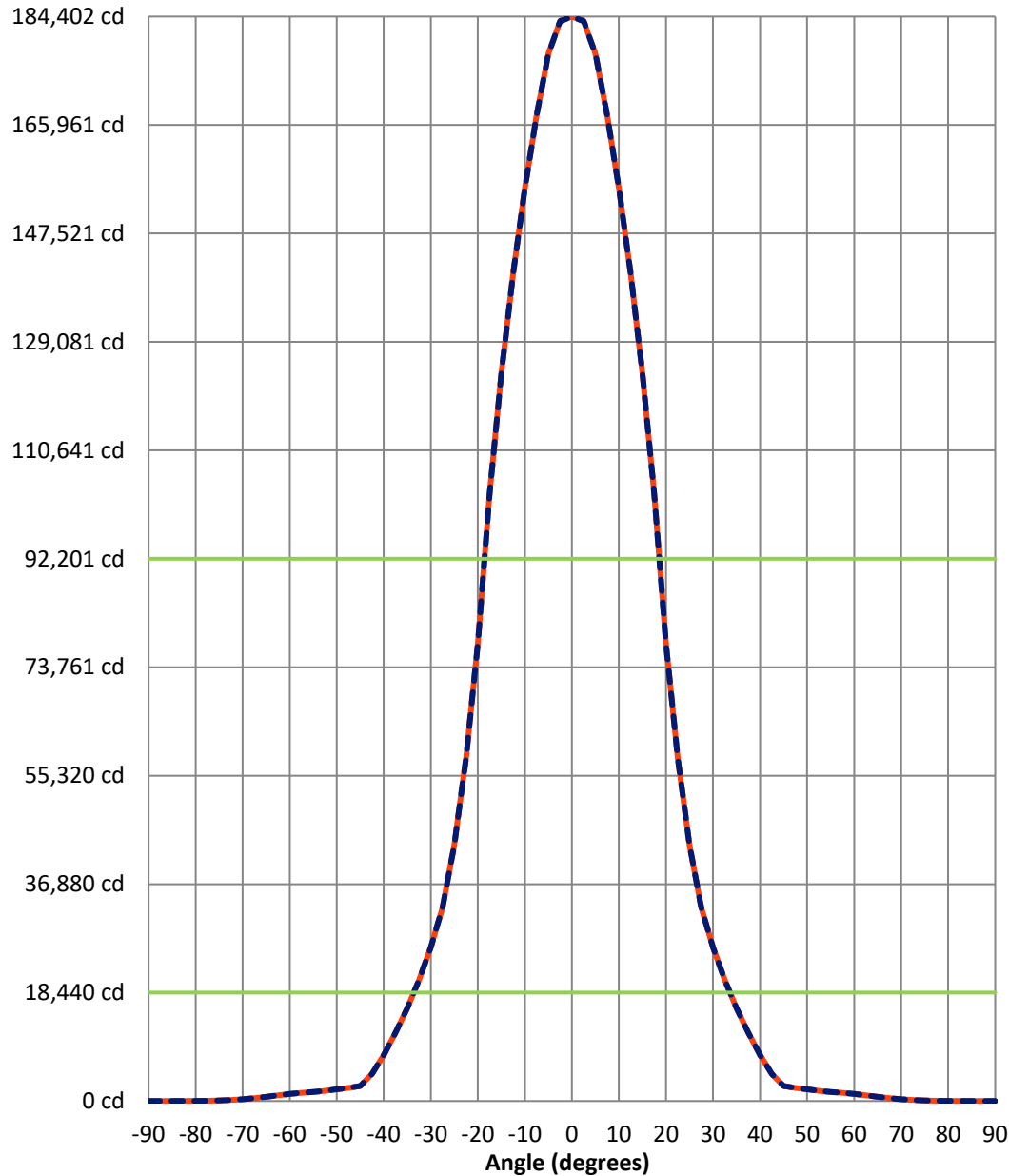
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 37.2°
V Angle: 37.2°
Lumens: 44332.7
Efficiency: 52.1%

Field:
H Angle: 67.2°
V Angle: 67.2°
Lumens: 74471.5
Efficiency: 87.5%

Spill:
Lumens: 10686.9
Efficiency: 12.5%

— 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8
85°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.6
82.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	4.9	5.4
80°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.5	7.2
77.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.2	8.1	9.2
75°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.6	8.7	10.4	12.1
72.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.6	9.0	11.1	13.1	15.0
70°	0.0	1.5	2.9	4.4	5.8	7.2	8.7	11.1	13.4	15.7	17.9
67.5°	0.0	1.6	3.3	4.9	6.5	8.1	10.4	13.1	15.7	18.2	20.7
65°	0.0	1.8	3.6	5.4	7.2	9.2	12.1	15.0	17.9	20.7	25.3
62.5°	0.0	2.0	4.0	5.9	7.8	10.6	13.8	17.0	20.1	24.3	34.1
60°	0.0	2.1	4.3	6.4	8.5	11.9	15.4	18.9	22.3	32.1	42.7
57.5°	0.0	2.3	4.6	6.9	9.5	13.3	17.0	20.7	28.1	39.6	59.2
55°	0.0	2.5	4.9	7.3	10.5	14.6	18.5	22.5	34.6	49.4	79.1
52.5°	0.0	2.6	5.2	7.8	11.5	15.8	20.0	27.7	41.0	66.9	98.6
50°	0.0	2.8	5.5	8.2	12.5	17.0	21.5	33.1	49.8	83.8	124.0
47.5°	0.0	2.9	5.8	8.7	13.4	18.2	23.3	38.3	64.4	100.2	149.3
45°	0.0	3.0	6.0	9.3	14.3	19.3	27.7	43.4	78.4	122.0	173.8
42.5°	0.0	3.2	6.3	10.0	15.2	20.4	31.8	52.2	91.9	143.1	211.4
40°	0.0	3.3	6.5	10.6	16.0	21.4	35.7	63.5	106.4	163.3	249.7
37.5°	0.0	3.4	6.8	11.2	16.8	22.4	39.5	74.1	123.4	186.3	286.2
35°	0.0	3.5	7.0	11.7	17.5	24.6	43.0	84.3	139.5	217.3	326.6
32.5°	0.0	3.6	7.2	12.2	18.2	27.4	47.8	93.8	154.7	246.5	373.6
30°	0.0	3.7	7.4	12.7	18.9	30.0	55.4	103.5	168.9	273.9	417.5
27.5°	0.0	3.8	7.5	13.2	19.5	32.4	62.4	115.0	185.6	299.4	458.5
25°	0.0	3.9	7.7	13.6	20.0	34.6	68.9	125.6	206.3	329.6	496.6
22.5°	0.0	4.0	7.9	14.0	20.5	36.6	74.9	135.2	225.2	360.3	538.2
20°	0.0	4.0	8.0	14.3	21.0	38.5	80.2	143.9	242.3	388.1	575.8
17.5°	0.0	4.1	8.1	14.6	21.4	40.1	84.9	151.6	257.4	412.8	609.2
15°	0.0	4.2	8.2	14.9	21.7	41.5	89.1	158.4	270.6	434.4	638.3
12.5°	0.0	4.2	8.3	15.1	22.0	42.7	92.6	164.1	281.9	452.7	663.1
10°	0.0	4.2	8.4	15.3	22.3	43.6	95.5	168.8	291.1	467.8	683.6
7.5°	0.0	4.3	8.4	15.4	22.5	44.4	97.7	172.5	298.3	479.5	699.5
5°	0.0	4.3	8.5	15.5	22.6	45.0	99.3	175.1	303.5	487.9	710.9
2.5°	0.0	4.3	8.5	15.6	22.7	45.3	100.3	176.7	306.6	493.0	717.8
0°	0.0	4.3	8.5	15.6	22.7	45.4	100.6	177.2	307.6	494.7	720.1
-2.5°	0.0	4.3	8.5	15.6	22.7	45.3	100.3	176.7	306.6	493.0	717.8
-5°	0.0	4.3	8.5	15.5	22.6	45.0	99.3	175.1	303.5	487.9	710.9
-7.5°	0.0	4.3	8.4	15.4	22.5	44.4	97.7	172.5	298.3	479.5	699.5
-10°	0.0	4.2	8.4	15.3	22.3	43.6	95.5	168.8	291.1	467.8	683.6
-12.5°	0.0	4.2	8.3	15.1	22.0	42.7	92.6	164.1	281.9	452.7	663.1
-15°	0.0	4.2	8.2	14.9	21.7	41.5	89.1	158.4	270.6	434.4	638.3
-17.5°	0.0	4.1	8.1	14.6	21.4	40.1	84.9	151.6	257.4	412.8	609.2
-20°	0.0	4.0	8.0	14.3	21.0	38.5	80.2	143.9	242.3	388.1	575.8



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.0	7.9	14.0	20.5	36.6	74.9	135.2	225.2	360.3	538.2
-25°	0.0	3.9	7.7	13.6	20.0	34.6	68.9	125.6	206.3	329.6	496.6
-27.5°	0.0	3.8	7.5	13.2	19.5	32.4	62.4	115.0	185.6	299.4	458.5
-30°	0.0	3.7	7.4	12.7	18.9	30.0	55.4	103.5	168.9	273.9	417.5
-32.5°	0.0	3.6	7.2	12.2	18.2	27.4	47.8	93.8	154.7	246.5	373.6
-35°	0.0	3.5	7.0	11.7	17.5	24.6	43.0	84.3	139.5	217.3	326.6
-37.5°	0.0	3.4	6.8	11.2	16.8	22.4	39.5	74.1	123.4	186.3	286.2
-40°	0.0	3.3	6.5	10.6	16.0	21.4	35.7	63.5	106.4	163.3	249.7
-42.5°	0.0	3.2	6.3	10.0	15.2	20.4	31.8	52.2	91.9	143.1	211.4
-45°	0.0	3.0	6.0	9.3	14.3	19.3	27.7	43.4	78.4	122.0	173.8
-47.5°	0.0	2.9	5.8	8.7	13.4	18.2	23.3	38.3	64.4	100.2	149.3
-50°	0.0	2.8	5.5	8.2	12.5	17.0	21.5	33.1	49.8	83.8	124.0
-52.5°	0.0	2.6	5.2	7.8	11.5	15.8	20.0	27.7	41.0	66.9	98.6
-55°	0.0	2.5	4.9	7.3	10.5	14.6	18.5	22.5	34.6	49.4	79.1
-57.5°	0.0	2.3	4.6	6.9	9.5	13.3	17.0	20.7	28.1	39.6	59.2
-60°	0.0	2.1	4.3	6.4	8.5	11.9	15.4	18.9	22.3	32.1	42.7
-62.5°	0.0	2.0	4.0	5.9	7.8	10.6	13.8	17.0	20.1	24.3	34.1
-65°	0.0	1.8	3.6	5.4	7.2	9.2	12.1	15.0	17.9	20.7	25.3
-67.5°	0.0	1.6	3.3	4.9	6.5	8.1	10.4	13.1	15.7	18.2	20.7
-70°	0.0	1.5	2.9	4.4	5.8	7.2	8.7	11.1	13.4	15.7	17.9
-72.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.6	9.0	11.1	13.1	15.0
-75°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.6	8.7	10.4	12.1
-77.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.2	8.1	9.2
-80°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.5	7.2
-82.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	4.9	5.4
-85°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.6
-87.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4
85°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.3	6.5	6.8
82.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.7	9.3	10.0	10.6	11.2
80°	7.8	8.5	9.5	10.5	11.5	12.5	13.4	14.3	15.2	16.0	16.8
77.5°	10.6	11.9	13.3	14.6	15.8	17.0	18.2	19.3	20.4	21.4	22.4
75°	13.8	15.4	17.0	18.5	20.0	21.5	23.3	27.7	31.8	35.7	39.5
72.5°	17.0	18.9	20.7	22.5	27.7	33.1	38.3	43.4	52.2	63.5	74.1
70°	20.1	22.3	28.1	34.6	41.0	49.8	64.4	78.4	91.9	106.4	123.4
67.5°	24.3	32.1	39.6	49.4	66.9	83.8	100.2	122.0	143.1	163.3	186.3
65°	34.1	42.7	59.2	79.1	98.6	124.0	149.3	173.8	211.4	249.7	286.2
62.5°	43.7	64.1	86.6	111.6	141.2	170.0	212.5	258.4	302.6	361.1	419.1
60°	64.1	89.1	118.5	151.6	188.7	242.3	294.2	360.3	429.7	496.6	573.2
57.5°	86.6	118.5	155.1	200.7	260.2	322.9	403.7	481.9	570.2	657.4	743.3
55°	111.6	151.6	200.7	266.3	340.3	429.9	521.7	623.4	721.8	827.0	927.7
52.5°	141.2	188.7	260.2	340.3	438.7	543.0	655.6	770.0	887.6	999.7	1104.0
50°	170.0	242.3	322.9	429.9	543.0	666.4	794.2	924.3	1047.1	1163.7	1260.7
47.5°	212.5	294.2	403.7	521.7	655.6	794.2	936.6	1071.0	1199.9	1298.0	1389.7
45°	258.4	360.3	481.9	623.4	770.0	924.3	1071.0	1212.0	1316.8	1413.4	1489.3
42.5°	302.6	429.7	570.2	721.8	887.6	1047.1	1199.9	1316.8	1420.8	1504.4	1600.1
40°	361.1	496.6	657.4	827.0	999.7	1163.7	1298.0	1413.4	1504.4	1610.3	1723.9
37.5°	419.1	573.2	743.3	927.7	1104.0	1260.7	1389.7	1489.3	1600.1	1723.9	1890.9
35°	474.1	646.0	831.8	1021.6	1203.5	1342.6	1459.4	1569.6	1703.1	1875.9	2048.4
32.5°	532.5	714.8	915.5	1109.0	1277.8	1415.1	1524.3	1661.9	1831.2	2021.0	2188.9
30°	591.3	786.3	993.3	1191.2	1345.9	1472.2	1600.9	1757.5	1963.1	2147.0	2355.2
27.5°	646.0	853.4	1063.9	1254.9	1406.7	1525.8	1677.6	1873.6	2078.1	2277.0	2529.8
25°	696.6	915.5	1129.2	1309.4	1452.7	1587.5	1756.9	1981.9	2182.2	2430.3	3368.2
22.5°	745.4	972.3	1189.1	1359.4	1495.0	1648.3	1849.6	2073.1	2294.1	2607.7	4325.2
20°	791.9	1021.6	1235.9	1402.9	1533.4	1703.6	1934.0	2154.7	2415.0	3424.2	5529.0
17.5°	833.3	1065.6	1272.9	1434.3	1576.9	1762.7	2008.4	2228.0	2523.9	4160.8	6770.3
15°	869.5	1104.0	1305.2	1461.8	1616.8	1823.9	2067.9	2313.2	2904.1	4916.7	7876.6
12.5°	900.3	1136.7	1332.8	1485.3	1650.8	1876.3	2118.9	2389.3	3421.1	5792.3	8998.2
10°	925.7	1163.7	1355.5	1504.7	1679.0	1919.5	2161.0	2452.2	3849.9	6519.8	9932.2
7.5°	945.5	1184.8	1373.3	1519.9	1701.0	1953.5	2194.1	2501.7	4187.1	7092.9	10669.4
5°	959.7	1199.9	1386.1	1530.8	1716.8	1977.8	2217.9	2537.3	4430.0	7506.2	11201.8
2.5°	968.3	1209.0	1393.7	1537.3	1726.3	1992.5	2232.2	2558.7	4576.6	7755.8	11523.7
0°	971.1	1212.0	1396.3	1539.5	1729.5	1997.4	2237.0	2565.9	4625.6	7839.3	11631.4
-2.5°	968.3	1209.0	1393.7	1537.3	1726.3	1992.5	2232.2	2558.7	4576.6	7755.8	11523.7
-5°	959.7	1199.9	1386.1	1530.8	1716.8	1977.8	2217.9	2537.3	4430.0	7506.2	11201.8
-7.5°	945.5	1184.8	1373.3	1519.9	1701.0	1953.5	2194.1	2501.7	4187.1	7092.9	10669.4
-10°	925.7	1163.7	1355.5	1504.7	1679.0	1919.5	2161.0	2452.2	3849.9	6519.8	9932.2
-12.5°	900.3	1136.7	1332.8	1485.3	1650.8	1876.3	2118.9	2389.3	3421.1	5792.3	8998.2
-15°	869.5	1104.0	1305.2	1461.8	1616.8	1823.9	2067.9	2313.2	2904.1	4916.7	7876.6
-17.5°	833.3	1065.6	1272.9	1434.3	1576.9	1762.7	2008.4	2228.0	2523.9	4160.8	6770.3
-20°	791.9	1021.6	1235.9	1402.9	1533.4	1703.6	1934.0	2154.7	2415.0	3424.2	5529.0



REPORT NUMBER: P1305926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	745.4	972.3	1189.1	1359.4	1495.0	1648.3	1849.6	2073.1	2294.1	2607.7	4325.2
-25°	696.6	915.5	1129.2	1309.4	1452.7	1587.5	1756.9	1981.9	2182.2	2430.3	3368.2
-27.5°	646.0	853.4	1063.9	1254.9	1406.7	1525.8	1677.6	1873.6	2078.1	2277.0	2529.8
-30°	591.3	786.3	993.3	1191.2	1345.9	1472.2	1600.9	1757.5	1963.1	2147.0	2355.2
-32.5°	532.5	714.8	915.5	1109.0	1277.8	1415.1	1524.3	1661.9	1831.2	2021.0	2188.9
-35°	474.1	646.0	831.8	1021.6	1203.5	1342.6	1459.4	1569.6	1703.1	1875.9	2048.4
-37.5°	419.1	573.2	743.3	927.7	1104.0	1260.7	1389.7	1489.3	1600.1	1723.9	1890.9
-40°	361.1	496.6	657.4	827.0	999.7	1163.7	1298.0	1413.4	1504.4	1610.3	1723.9
-42.5°	302.6	429.7	570.2	721.8	887.6	1047.1	1199.9	1316.8	1420.8	1504.4	1600.1
-45°	258.4	360.3	481.9	623.4	770.0	924.3	1071.0	1212.0	1316.8	1413.4	1489.3
-47.5°	212.5	294.2	403.7	521.7	655.6	794.2	936.6	1071.0	1199.9	1298.0	1389.7
-50°	170.0	242.3	322.9	429.9	543.0	666.4	794.2	924.3	1047.1	1163.7	1260.7
-52.5°	141.2	188.7	260.2	340.3	438.7	543.0	655.6	770.0	887.6	999.7	1104.0
-55°	111.6	151.6	200.7	266.3	340.3	429.9	521.7	623.4	721.8	827.0	927.7
-57.5°	86.6	118.5	155.1	200.7	260.2	322.9	403.7	481.9	570.2	657.4	743.3
-60°	64.1	89.1	118.5	151.6	188.7	242.3	294.2	360.3	429.7	496.6	573.2
-62.5°	43.7	64.1	86.6	111.6	141.2	170.0	212.5	258.4	302.6	361.1	419.1
-65°	34.1	42.7	59.2	79.1	98.6	124.0	149.3	173.8	211.4	249.7	286.2
-67.5°	24.3	32.1	39.6	49.4	66.9	83.8	100.2	122.0	143.1	163.3	186.3
-70°	20.1	22.3	28.1	34.6	41.0	49.8	64.4	78.4	91.9	106.4	123.4
-72.5°	17.0	18.9	20.7	22.5	27.7	33.1	38.3	43.4	52.2	63.5	74.1
-75°	13.8	15.4	17.0	18.5	20.0	21.5	23.3	27.7	31.8	35.7	39.5
-77.5°	10.6	11.9	13.3	14.6	15.8	17.0	18.2	19.3	20.4	21.4	22.4
-80°	7.8	8.5	9.5	10.5	11.5	12.5	13.4	14.3	15.2	16.0	16.8
-82.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.7	9.3	10.0	10.6	11.2
-85°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.3	6.5	6.8
-87.5°	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2
85°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4
82.5°	11.7	12.2	12.7	13.2	13.6	14.0	14.3	14.6	14.9	15.1	15.3
80°	17.5	18.2	18.9	19.5	20.0	20.5	21.0	21.4	21.7	22.0	22.3
77.5°	24.6	27.4	30.0	32.4	34.6	36.6	38.5	40.1	41.5	42.7	43.6
75°	43.0	47.8	55.4	62.4	68.9	74.9	80.2	84.9	89.1	92.6	95.5
72.5°	84.3	93.8	103.5	115.0	125.6	135.2	143.9	151.6	158.4	164.1	168.8
70°	139.5	154.7	168.9	185.6	206.3	225.2	242.3	257.4	270.6	281.9	291.1
67.5°	217.3	246.5	273.9	299.4	329.6	360.3	388.1	412.8	434.4	452.7	467.8
65°	326.6	373.6	417.5	458.5	496.6	538.2	575.8	609.2	638.3	663.1	683.6
62.5°	474.1	532.5	591.3	646.0	696.6	745.4	791.9	833.3	869.5	900.3	925.7
60°	646.0	714.8	786.3	853.4	915.5	972.3	1021.6	1065.6	1104.0	1136.7	1163.7
57.5°	831.8	915.5	993.3	1063.9	1129.2	1189.1	1235.9	1272.9	1305.2	1332.8	1355.5
55°	1021.6	1109.0	1191.2	1254.9	1309.4	1359.4	1402.9	1434.3	1461.8	1485.3	1504.7
52.5°	1203.5	1277.8	1345.9	1406.7	1452.7	1495.0	1533.4	1576.9	1616.8	1650.8	1679.0
50°	1342.6	1415.1	1472.2	1525.8	1587.5	1648.3	1703.6	1762.7	1823.9	1876.3	1919.5
47.5°	1459.4	1524.3	1600.9	1677.6	1756.9	1849.6	1934.0	2008.4	2067.9	2118.9	2161.0
45°	1569.6	1661.9	1757.5	1873.6	1981.9	2073.1	2154.7	2228.0	2313.2	2389.3	2452.2
42.5°	1703.1	1831.2	1963.1	2078.1	2182.2	2294.1	2415.0	2523.9	2904.1	3421.1	3849.9
40°	1875.9	2021.0	2147.0	2277.0	2430.3	2607.7	3424.2	4160.8	4916.7	5792.3	6519.8
37.5°	2048.4	2188.9	2355.2	2529.8	3368.2	4325.2	5529.0	6770.3	7876.6	8998.2	9932.2
35°	2203.0	2394.7	2719.7	3885.6	5186.8	6788.7	8342.2	9923.7	11330.4	12641.7	13762.1
32.5°	2394.7	2847.3	4147.6	5815.7	7648.0	9639.3	11513.8	13382.4	15061.2	16623.8	18023.6
30°	2719.7	4147.6	6027.3	8127.8	10433.2	12700.5	14920.1	17116.8	19201.8	21091.9	22871.5
27.5°	3885.6	5815.7	8127.8	10700.6	13309.6	15872.5	18604.4	21201.8	23834.1	26143.0	28519.5
25°	5186.8	7648.0	10433.2	13309.6	16237.3	19362.6	22574.7	25730.2	29125.5	32203.8	35891.7
22.5°	6788.7	9639.3	12700.5	15872.5	19362.6	23038.9	26820.3	30976.7	35816.1	41109.8	46448.2
20°	8342.2	11513.8	14920.1	18604.4	22574.7	26820.3	31604.6	37888.8	44682.3	52775.8	60194.1
17.5°	9923.7	13382.4	17116.8	21201.8	25730.2	30976.7	37888.8	46229.3	56056.3	67012.5	77223.7
15°	11330.4	15061.2	19201.8	23834.1	29125.5	35816.1	44682.3	56056.3	69351.3	83582.1	98502.7
12.5°	12641.7	16623.8	21091.9	26143.0	32203.8	41109.8	52775.8	67012.5	83582.1	102126.6	115848.1
10°	13762.1	18023.6	22871.5	28519.5	35891.7	46448.2	60194.1	77223.7	98502.7	115848.1	129985.3
7.5°	14648.3	19133.8	24287.8	30420.6	39190.0	51550.0	67677.2	88051.8	109506.1	126886.3	140786.0
5°	15289.5	19939.0	25317.8	31808.0	41607.6	55311.2	73236.8	96320.6	117197.6	134456.0	148489.1
2.5°	15677.7	20427.1	25943.4	32652.8	43084.4	57618.6	76667.3	101464.8	122040.4	139100.8	153423.3
0°	15807.7	20590.7	26153.3	32936.5	43581.3	58396.7	77827.7	103212.7	123697.1	140641.0	155167.8
-2.5°	15677.7	20427.1	25943.4	32652.8	43084.4	57618.6	76667.3	101464.8	122040.4	139100.8	153423.3
-5°	15289.5	19939.0	25317.8	31808.0	41607.6	55311.2	73236.8	96320.6	117197.6	134456.0	148489.1
-7.5°	14648.3	19133.8	24287.8	30420.6	39190.0	51550.0	67677.2	88051.8	109506.1	126886.3	140786.0
-10°	13762.1	18023.6	22871.5	28519.5	35891.7	46448.2	60194.1	77223.7	98502.7	115848.1	129985.3
-12.5°	12641.7	16623.8	21091.9	26143.0	32203.8	41109.8	52775.8	67012.5	83582.1	102126.6	115848.1
-15°	11330.4	15061.2	19201.8	23834.1	29125.5	35816.1	44682.3	56056.3	69351.3	83582.1	98502.7
-17.5°	9923.7	13382.4	17116.8	21201.8	25730.2	30976.7	37888.8	46229.3	56056.3	67012.5	77223.7
-20°	8342.2	11513.8	14920.1	18604.4	22574.7	26820.3	31604.6	37888.8	44682.3	52775.8	60194.1



REPORT NUMBER: P1305926 (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°	6788.7	9639.3	12700.5	15872.5	19362.6	23038.9	26820.3	30976.7	35816.1	41109.8	46448.2
-25°	5186.8	7648.0	10433.2	13309.6	16237.3	19362.6	22574.7	25730.2	29125.5	32203.8	35891.7
-27.5°	3885.6	5815.7	8127.8	10700.6	13309.6	15872.5	18604.4	21201.8	23834.1	26143.0	28519.5
-30°	2719.7	4147.6	6027.3	8127.8	10433.2	12700.5	14920.1	17116.8	19201.8	21091.9	22871.5
-32.5°	2394.7	2847.3	4147.6	5815.7	7648.0	9639.3	11513.8	13382.4	15061.2	16623.8	18023.6
-35°	2203.0	2394.7	2719.7	3885.6	5186.8	6788.7	8342.2	9923.7	11330.4	12641.7	13762.1
-37.5°	2048.4	2188.9	2355.2	2529.8	3368.2	4325.2	5529.0	6770.3	7876.6	8998.2	9932.2
-40°	1875.9	2021.0	2147.0	2277.0	2430.3	2607.7	3424.2	4160.8	4916.7	5792.3	6519.8
-42.5°	1703.1	1831.2	1963.1	2078.1	2182.2	2294.1	2415.0	2523.9	2904.1	3421.1	3849.9
-45°	1569.6	1661.9	1757.5	1873.6	1981.9	2073.1	2154.7	2228.0	2313.2	2389.3	2452.2
-47.5°	1459.4	1524.3	1600.9	1677.6	1756.9	1849.6	1934.0	2008.4	2067.9	2118.9	2161.0
-50°	1342.6	1415.1	1472.2	1525.8	1587.5	1648.3	1703.6	1762.7	1823.9	1876.3	1919.5
-52.5°	1203.5	1277.8	1345.9	1406.7	1452.7	1495.0	1533.4	1576.9	1616.8	1650.8	1679.0
-55°	1021.6	1109.0	1191.2	1254.9	1309.4	1359.4	1402.9	1434.3	1461.8	1485.3	1504.7
-57.5°	831.8	915.5	993.3	1063.9	1129.2	1189.1	1235.9	1272.9	1305.2	1332.8	1355.5
-60°	646.0	714.8	786.3	853.4	915.5	972.3	1021.6	1065.6	1104.0	1136.7	1163.7
-62.5°	474.1	532.5	591.3	646.0	696.6	745.4	791.9	833.3	869.5	900.3	925.7
-65°	326.6	373.6	417.5	458.5	496.6	538.2	575.8	609.2	638.3	663.1	683.6
-67.5°	217.3	246.5	273.9	299.4	329.6	360.3	388.1	412.8	434.4	452.7	467.8
-70°	139.5	154.7	168.9	185.6	206.3	225.2	242.3	257.4	270.6	281.9	291.1
-72.5°	84.3	93.8	103.5	115.0	125.6	135.2	143.9	151.6	158.4	164.1	168.8
-75°	43.0	47.8	55.4	62.4	68.9	74.9	80.2	84.9	89.1	92.6	95.5
-77.5°	24.6	27.4	30.0	32.4	34.6	36.6	38.5	40.1	41.5	42.7	43.6
-80°	17.5	18.2	18.9	19.5	20.0	20.5	21.0	21.4	21.7	22.0	22.3
-82.5°	11.7	12.2	12.7	13.2	13.6	14.0	14.3	14.6	14.9	15.1	15.3
-85°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4
-87.5°	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1
85°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1
82.5°	15.4	15.5	15.6	15.6	15.6	15.5	15.4	15.3	15.1	14.9	14.6
80°	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.3	22.0	21.7	21.4
77.5°	44.4	45.0	45.3	45.4	45.3	45.0	44.4	43.6	42.7	41.5	40.1
75°	97.7	99.3	100.3	100.6	100.3	99.3	97.7	95.5	92.6	89.1	84.9
72.5°	172.5	175.1	176.7	177.2	176.7	175.1	172.5	168.8	164.1	158.4	151.6
70°	298.3	303.5	306.6	307.6	306.6	303.5	298.3	291.1	281.9	270.6	257.4
67.5°	479.5	487.9	493.0	494.7	493.0	487.9	479.5	467.8	452.7	434.4	412.8
65°	699.5	710.9	717.8	720.1	717.8	710.9	699.5	683.6	663.1	638.3	609.2
62.5°	945.5	959.7	968.3	971.1	968.3	959.7	945.5	925.7	900.3	869.5	833.3
60°	1184.8	1199.9	1209.0	1212.0	1209.0	1199.9	1184.8	1163.7	1136.7	1104.0	1065.6
57.5°	1373.3	1386.1	1393.7	1396.3	1393.7	1386.1	1373.3	1355.5	1332.8	1305.2	1272.9
55°	1519.9	1530.8	1537.3	1539.5	1537.3	1530.8	1519.9	1504.7	1485.3	1461.8	1434.3
52.5°	1701.0	1716.8	1726.3	1729.5	1726.3	1716.8	1701.0	1679.0	1650.8	1616.8	1576.9
50°	1953.5	1977.8	1992.5	1997.4	1992.5	1977.8	1953.5	1919.5	1876.3	1823.9	1762.7
47.5°	2194.1	2217.9	2232.2	2237.0	2232.2	2217.9	2194.1	2161.0	2118.9	2067.9	2008.4
45°	2501.7	2537.3	2558.7	2565.9	2558.7	2537.3	2501.7	2452.2	2389.3	2313.2	2228.0
42.5°	4187.1	4430.0	4576.6	4625.6	4576.6	4430.0	4187.1	3849.9	3421.1	2904.1	2523.9
40°	7092.9	7506.2	7755.8	7839.3	7755.8	7506.2	7092.9	6519.8	5792.3	4916.7	4160.8
37.5°	10669.4	11201.8	11523.7	11631.4	11523.7	11201.8	10669.4	9932.2	8998.2	7876.6	6770.3
35°	14648.3	15289.5	15677.7	15807.7	15677.7	15289.5	14648.3	13762.1	12641.7	11330.4	9923.7
32.5°	19133.8	19939.0	20427.1	20590.7	20427.1	19939.0	19133.8	18023.6	16623.8	15061.2	13382.4
30°	24287.8	25317.8	25943.4	26153.3	25943.4	25317.8	24287.8	22871.5	21091.9	19201.8	17116.8
27.5°	30420.6	31808.0	32652.8	32936.5	32652.8	31808.0	30420.6	28519.5	26143.0	23834.1	21201.8
25°	39190.0	41607.6	43084.4	43581.3	43084.4	41607.6	39190.0	35891.7	32203.8	29125.5	25730.2
22.5°	51550.0	55311.2	57618.6	58396.7	57618.6	55311.2	51550.0	46448.2	41109.8	35816.1	30976.7
20°	67677.2	73236.8	76667.3	77827.7	76667.3	73236.8	67677.2	60194.1	52775.8	44682.3	37888.8
17.5°	88051.8	96320.6	101464.8	103212.7	101464.8	96320.6	88051.8	77223.7	67012.5	56056.3	46229.3
15°	109506.1	117197.6	122040.4	123697.1	122040.4	117197.6	109506.1	98502.7	83582.1	69351.3	56056.3
12.5°	126886.3	134456.0	139100.8	140641.0	139100.8	134456.0	126886.3	115848.1	102126.6	83582.1	67012.5
10°	140786.0	148489.1	153423.3	155167.8	153423.3	148489.1	140786.0	129985.3	115848.1	98502.7	77223.7
7.5°	151781.6	160476.2	165742.3	167616.5	165742.3	160476.2	151781.6	140786.0	126886.3	109506.1	88051.8
5°	160476.2	169629.9	175863.0	178056.4	175863.0	169629.9	160476.2	148489.1	134456.0	117197.6	96320.6
2.5°	165742.3	175863.0	181884.2	183614.1	181884.2	175863.0	165742.3	153423.3	139100.8	122040.4	101464.8
0°	167616.5	178056.4	183614.1	184401.6	183614.1	178056.4	167616.5	155167.8	140641.0	123697.1	103212.7
-2.5°	165742.3	175863.0	181884.2	183614.1	181884.2	175863.0	165742.3	153423.3	139100.8	122040.4	101464.8
-5°	160476.2	169629.9	175863.0	178056.4	175863.0	169629.9	160476.2	148489.1	134456.0	117197.6	96320.6
-7.5°	151781.6	160476.2	165742.3	167616.5	165742.3	160476.2	151781.6	140786.0	126886.3	109506.1	88051.8
-10°	140786.0	148489.1	153423.3	155167.8	153423.3	148489.1	140786.0	129985.3	115848.1	98502.7	77223.7
-12.5°	126886.3	134456.0	139100.8	140641.0	139100.8	134456.0	126886.3	115848.1	102126.6	83582.1	67012.5
-15°	109506.1	117197.6	122040.4	123697.1	122040.4	117197.6	109506.1	98502.7	83582.1	69351.3	56056.3
-17.5°	88051.8	96320.6	101464.8	103212.7	101464.8	96320.6	88051.8	77223.7	67012.5	56056.3	46229.3
-20°	67677.2	73236.8	76667.3	77827.7	76667.3	73236.8	67677.2	60194.1	52775.8	44682.3	37888.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	51550.0	55311.2	57618.6	58396.7	57618.6	55311.2	51550.0	46448.2	41109.8	35816.1	30976.7
-25°	39190.0	41607.6	43084.4	43581.3	43084.4	41607.6	39190.0	35891.7	32203.8	29125.5	25730.2
-27.5°	30420.6	31808.0	32652.8	32936.5	32652.8	31808.0	30420.6	28519.5	26143.0	23834.1	21201.8
-30°	24287.8	25317.8	25943.4	26153.3	25943.4	25317.8	24287.8	22871.5	21091.9	19201.8	17116.8
-32.5°	19133.8	19939.0	20427.1	20590.7	20427.1	19939.0	19133.8	18023.6	16623.8	15061.2	13382.4
-35°	14648.3	15289.5	15677.7	15807.7	15677.7	15289.5	14648.3	13762.1	12641.7	11330.4	9923.7
-37.5°	10669.4	11201.8	11523.7	11631.4	11523.7	11201.8	10669.4	9932.2	8998.2	7876.6	6770.3
-40°	7092.9	7506.2	7755.8	7839.3	7755.8	7506.2	7092.9	6519.8	5792.3	4916.7	4160.8
-42.5°	4187.1	4430.0	4576.6	4625.6	4576.6	4430.0	4187.1	3849.9	3421.1	2904.1	2523.9
-45°	2501.7	2537.3	2558.7	2565.9	2558.7	2537.3	2501.7	2452.2	2389.3	2313.2	2228.0
-47.5°	2194.1	2217.9	2232.2	2237.0	2232.2	2217.9	2194.1	2161.0	2118.9	2067.9	2008.4
-50°	1953.5	1977.8	1992.5	1997.4	1992.5	1977.8	1953.5	1919.5	1876.3	1823.9	1762.7
-52.5°	1701.0	1716.8	1726.3	1729.5	1726.3	1716.8	1701.0	1679.0	1650.8	1616.8	1576.9
-55°	1519.9	1530.8	1537.3	1539.5	1537.3	1530.8	1519.9	1504.7	1485.3	1461.8	1434.3
-57.5°	1373.3	1386.1	1393.7	1396.3	1393.7	1386.1	1373.3	1355.5	1332.8	1305.2	1272.9
-60°	1184.8	1199.9	1209.0	1212.0	1209.0	1199.9	1184.8	1163.7	1136.7	1104.0	1065.6
-62.5°	945.5	959.7	968.3	971.1	968.3	959.7	945.5	925.7	900.3	869.5	833.3
-65°	699.5	710.9	717.8	720.1	717.8	710.9	699.5	683.6	663.1	638.3	609.2
-67.5°	479.5	487.9	493.0	494.7	493.0	487.9	479.5	467.8	452.7	434.4	412.8
-70°	298.3	303.5	306.6	307.6	306.6	303.5	298.3	291.1	281.9	270.6	257.4
-72.5°	172.5	175.1	176.7	177.2	176.7	175.1	172.5	168.8	164.1	158.4	151.6
-75°	97.7	99.3	100.3	100.6	100.3	99.3	97.7	95.5	92.6	89.1	84.9
-77.5°	44.4	45.0	45.3	45.4	45.3	45.0	44.4	43.6	42.7	41.5	40.1
-80°	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.3	22.0	21.7	21.4
-82.5°	15.4	15.5	15.6	15.6	15.6	15.5	15.4	15.3	15.1	14.9	14.6
-85°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
85°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.5	6.3	6.0
82.5°	14.3	14.0	13.6	13.2	12.7	12.2	11.7	11.2	10.6	10.0	9.3
80°	21.0	20.5	20.0	19.5	18.9	18.2	17.5	16.8	16.0	15.2	14.3
77.5°	38.5	36.6	34.6	32.4	30.0	27.4	24.6	22.4	21.4	20.4	19.3
75°	80.2	74.9	68.9	62.4	55.4	47.8	43.0	39.5	35.7	31.8	27.7
72.5°	143.9	135.2	125.6	115.0	103.5	93.8	84.3	74.1	63.5	52.2	43.4
70°	242.3	225.2	206.3	185.6	168.9	154.7	139.5	123.4	106.4	91.9	78.4
67.5°	388.1	360.3	329.6	299.4	273.9	246.5	217.3	186.3	163.3	143.1	122.0
65°	575.8	538.2	496.6	458.5	417.5	373.6	326.6	286.2	249.7	211.4	173.8
62.5°	791.9	745.4	696.6	646.0	591.3	532.5	474.1	419.1	361.1	302.6	258.4
60°	1021.6	972.3	915.5	853.4	786.3	714.8	646.0	573.2	496.6	429.7	360.3
57.5°	1235.9	1189.1	1129.2	1063.9	993.3	915.5	831.8	743.3	657.4	570.2	481.9
55°	1402.9	1359.4	1309.4	1254.9	1191.2	1109.0	1021.6	927.7	827.0	721.8	623.4
52.5°	1533.4	1495.0	1452.7	1406.7	1345.9	1277.8	1203.5	1104.0	999.7	887.6	770.0
50°	1703.6	1648.3	1587.5	1525.8	1472.2	1415.1	1342.6	1260.7	1163.7	1047.1	924.3
47.5°	1934.0	1849.6	1756.9	1677.6	1600.9	1524.3	1459.4	1389.7	1298.0	1199.9	1071.0
45°	2154.7	2073.1	1981.9	1873.6	1757.5	1661.9	1569.6	1489.3	1413.4	1316.8	1212.0
42.5°	2415.0	2294.1	2182.2	2078.1	1963.1	1831.2	1703.1	1600.1	1504.4	1420.8	1316.8
40°	3424.2	2607.7	2430.3	2277.0	2147.0	2021.0	1875.9	1723.9	1610.3	1504.4	1413.4
37.5°	5529.0	4325.2	3368.2	2529.8	2355.2	2188.9	2048.4	1890.9	1723.9	1600.1	1489.3
35°	8342.2	6788.7	5186.8	3885.6	2719.7	2394.7	2203.0	2048.4	1875.9	1703.1	1569.6
32.5°	11513.8	9639.3	7648.0	5815.7	4147.6	2847.3	2394.7	2188.9	2021.0	1831.2	1661.9
30°	14920.1	12700.5	10433.2	8127.8	6027.3	4147.6	2719.7	2355.2	2147.0	1963.1	1757.5
27.5°	18604.4	15872.5	13309.6	10700.6	8127.8	5815.7	3885.6	2529.8	2277.0	2078.1	1873.6
25°	22574.7	19362.6	16237.3	13309.6	10433.2	7648.0	5186.8	3368.2	2430.3	2182.2	1981.9
22.5°	26820.3	23038.9	19362.6	15872.5	12700.5	9639.3	6788.7	4325.2	2607.7	2294.1	2073.1
20°	31604.6	26820.3	22574.7	18604.4	14920.1	11513.8	8342.2	5529.0	3424.2	2415.0	2154.7
17.5°	37888.8	30976.7	25730.2	21201.8	17116.8	13382.4	9923.7	6770.3	4160.8	2523.9	2228.0
15°	44682.3	35816.1	29125.5	23834.1	19201.8	15061.2	11330.4	7876.6	4916.7	2904.1	2313.2
12.5°	52775.8	41109.8	32203.8	26143.0	21091.9	16623.8	12641.7	8998.2	5792.3	3421.1	2389.3
10°	60194.1	46448.2	35891.7	28519.5	22871.5	18023.6	13762.1	9932.2	6519.8	3849.9	2452.2
7.5°	67677.2	51550.0	39190.0	30420.6	24287.8	19133.8	14648.3	10669.4	7092.9	4187.1	2501.7
5°	73236.8	55311.2	41607.6	31808.0	25317.8	19939.0	15289.5	11201.8	7506.2	4430.0	2537.3
2.5°	76667.3	57618.6	43084.4	32652.8	25943.4	20427.1	15677.7	11523.7	7755.8	4576.6	2558.7
0°	77827.7	58396.7	43581.3	32936.5	26153.3	20590.7	15807.7	11631.4	7839.3	4625.6	2565.9
-2.5°	76667.3	57618.6	43084.4	32652.8	25943.4	20427.1	15677.7	11523.7	7755.8	4576.6	2558.7
-5°	73236.8	55311.2	41607.6	31808.0	25317.8	19939.0	15289.5	11201.8	7506.2	4430.0	2537.3
-7.5°	67677.2	51550.0	39190.0	30420.6	24287.8	19133.8	14648.3	10669.4	7092.9	4187.1	2501.7
-10°	60194.1	46448.2	35891.7	28519.5	22871.5	18023.6	13762.1	9932.2	6519.8	3849.9	2452.2
-12.5°	52775.8	41109.8	32203.8	26143.0	21091.9	16623.8	12641.7	8998.2	5792.3	3421.1	2389.3
-15°	44682.3	35816.1	29125.5	23834.1	19201.8	15061.2	11330.4	7876.6	4916.7	2904.1	2313.2
-17.5°	37888.8	30976.7	25730.2	21201.8	17116.8	13382.4	9923.7	6770.3	4160.8	2523.9	2228.0
-20°	31604.6	26820.3	22574.7	18604.4	14920.1	11513.8	8342.2	5529.0	3424.2	2415.0	2154.7



REPORT NUMBER: P1305926 (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°	26820.3	23038.9	19362.6	15872.5	12700.5	9639.3	6788.7	4325.2	2607.7	2294.1	2073.1
-25°	22574.7	19362.6	16237.3	13309.6	10433.2	7648.0	5186.8	3368.2	2430.3	2182.2	1981.9
-27.5°	18604.4	15872.5	13309.6	10700.6	8127.8	5815.7	3885.6	2529.8	2277.0	2078.1	1873.6
-30°	14920.1	12700.5	10433.2	8127.8	6027.3	4147.6	2719.7	2355.2	2147.0	1963.1	1757.5
-32.5°	11513.8	9639.3	7648.0	5815.7	4147.6	2847.3	2394.7	2188.9	2021.0	1831.2	1661.9
-35°	8342.2	6788.7	5186.8	3885.6	2719.7	2394.7	2203.0	2048.4	1875.9	1703.1	1569.6
-37.5°	5529.0	4325.2	3368.2	2529.8	2355.2	2188.9	2048.4	1890.9	1723.9	1600.1	1489.3
-40°	3424.2	2607.7	2430.3	2277.0	2147.0	2021.0	1875.9	1723.9	1610.3	1504.4	1413.4
-42.5°	2415.0	2294.1	2182.2	2078.1	1963.1	1831.2	1703.1	1600.1	1504.4	1420.8	1316.8
-45°	2154.7	2073.1	1981.9	1873.6	1757.5	1661.9	1569.6	1489.3	1413.4	1316.8	1212.0
-47.5°	1934.0	1849.6	1756.9	1677.6	1600.9	1524.3	1459.4	1389.7	1298.0	1199.9	1071.0
-50°	1703.6	1648.3	1587.5	1525.8	1472.2	1415.1	1342.6	1260.7	1163.7	1047.1	924.3
-52.5°	1533.4	1495.0	1452.7	1406.7	1345.9	1277.8	1203.5	1104.0	999.7	887.6	770.0
-55°	1402.9	1359.4	1309.4	1254.9	1191.2	1109.0	1021.6	927.7	827.0	721.8	623.4
-57.5°	1235.9	1189.1	1129.2	1063.9	993.3	915.5	831.8	743.3	657.4	570.2	481.9
-60°	1021.6	972.3	915.5	853.4	786.3	714.8	646.0	573.2	496.6	429.7	360.3
-62.5°	791.9	745.4	696.6	646.0	591.3	532.5	474.1	419.1	361.1	302.6	258.4
-65°	575.8	538.2	496.6	458.5	417.5	373.6	326.6	286.2	249.7	211.4	173.8
-67.5°	388.1	360.3	329.6	299.4	273.9	246.5	217.3	186.3	163.3	143.1	122.0
-70°	242.3	225.2	206.3	185.6	168.9	154.7	139.5	123.4	106.4	91.9	78.4
-72.5°	143.9	135.2	125.6	115.0	103.5	93.8	84.3	74.1	63.5	52.2	43.4
-75°	80.2	74.9	68.9	62.4	55.4	47.8	43.0	39.5	35.7	31.8	27.7
-77.5°	38.5	36.6	34.6	32.4	30.0	27.4	24.6	22.4	21.4	20.4	19.3
-80°	21.0	20.5	20.0	19.5	18.9	18.2	17.5	16.8	16.0	15.2	14.3
-82.5°	14.3	14.0	13.6	13.2	12.7	12.2	11.7	11.2	10.6	10.0	9.3
-85°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.5	6.3	6.0
-87.5°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3
85°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.6
82.5°	8.7	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.9
80°	13.4	12.5	11.5	10.5	9.5	8.5	7.8	7.2	6.5	5.8	5.1
77.5°	18.2	17.0	15.8	14.6	13.3	11.9	10.6	9.2	8.1	7.2	6.4
75°	23.3	21.5	20.0	18.5	17.0	15.4	13.8	12.1	10.4	8.7	7.6
72.5°	38.3	33.1	27.7	22.5	20.7	18.9	17.0	15.0	13.1	11.1	9.0
70°	64.4	49.8	41.0	34.6	28.1	22.3	20.1	17.9	15.7	13.4	11.1
67.5°	100.2	83.8	66.9	49.4	39.6	32.1	24.3	20.7	18.2	15.7	13.1
65°	149.3	124.0	98.6	79.1	59.2	42.7	34.1	25.3	20.7	17.9	15.0
62.5°	212.5	170.0	141.2	111.6	86.6	64.1	43.7	34.1	24.3	20.1	17.0
60°	294.2	242.3	188.7	151.6	118.5	89.1	64.1	42.7	32.1	22.3	18.9
57.5°	403.7	322.9	260.2	200.7	155.1	118.5	86.6	59.2	39.6	28.1	20.7
55°	521.7	429.9	340.3	266.3	200.7	151.6	111.6	79.1	49.4	34.6	22.5
52.5°	655.6	543.0	438.7	340.3	260.2	188.7	141.2	98.6	66.9	41.0	27.7
50°	794.2	666.4	543.0	429.9	322.9	242.3	170.0	124.0	83.8	49.8	33.1
47.5°	936.6	794.2	655.6	521.7	403.7	294.2	212.5	149.3	100.2	64.4	38.3
45°	1071.0	924.3	770.0	623.4	481.9	360.3	258.4	173.8	122.0	78.4	43.4
42.5°	1199.9	1047.1	887.6	721.8	570.2	429.7	302.6	211.4	143.1	91.9	52.2
40°	1298.0	1163.7	999.7	827.0	657.4	496.6	361.1	249.7	163.3	106.4	63.5
37.5°	1389.7	1260.7	1104.0	927.7	743.3	573.2	419.1	286.2	186.3	123.4	74.1
35°	1459.4	1342.6	1203.5	1021.6	831.8	646.0	474.1	326.6	217.3	139.5	84.3
32.5°	1524.3	1415.1	1277.8	1109.0	915.5	714.8	532.5	373.6	246.5	154.7	93.8
30°	1600.9	1472.2	1345.9	1191.2	993.3	786.3	591.3	417.5	273.9	168.9	103.5
27.5°	1677.6	1525.8	1406.7	1254.9	1063.9	853.4	646.0	458.5	299.4	185.6	115.0
25°	1756.9	1587.5	1452.7	1309.4	1129.2	915.5	696.6	496.6	329.6	206.3	125.6
22.5°	1849.6	1648.3	1495.0	1359.4	1189.1	972.3	745.4	538.2	360.3	225.2	135.2
20°	1934.0	1703.6	1533.4	1402.9	1235.9	1021.6	791.9	575.8	388.1	242.3	143.9
17.5°	2008.4	1762.7	1576.9	1434.3	1272.9	1065.6	833.3	609.2	412.8	257.4	151.6
15°	2067.9	1823.9	1616.8	1461.8	1305.2	1104.0	869.5	638.3	434.4	270.6	158.4
12.5°	2118.9	1876.3	1650.8	1485.3	1332.8	1136.7	900.3	663.1	452.7	281.9	164.1
10°	2161.0	1919.5	1679.0	1504.7	1355.5	1163.7	925.7	683.6	467.8	291.1	168.8
7.5°	2194.1	1953.5	1701.0	1519.9	1373.3	1184.8	945.5	699.5	479.5	298.3	172.5
5°	2217.9	1977.8	1716.8	1530.8	1386.1	1199.9	959.7	710.9	487.9	303.5	175.1
2.5°	2232.2	1992.5	1726.3	1537.3	1393.7	1209.0	968.3	717.8	493.0	306.6	176.7
0°	2237.0	1997.4	1729.5	1539.5	1396.3	1212.0	971.1	720.1	494.7	307.6	177.2
-2.5°	2232.2	1992.5	1726.3	1537.3	1393.7	1209.0	968.3	717.8	493.0	306.6	176.7
-5°	2217.9	1977.8	1716.8	1530.8	1386.1	1199.9	959.7	710.9	487.9	303.5	175.1
-7.5°	2194.1	1953.5	1701.0	1519.9	1373.3	1184.8	945.5	699.5	479.5	298.3	172.5
-10°	2161.0	1919.5	1679.0	1504.7	1355.5	1163.7	925.7	683.6	467.8	291.1	168.8
-12.5°	2118.9	1876.3	1650.8	1485.3	1332.8	1136.7	900.3	663.1	452.7	281.9	164.1
-15°	2067.9	1823.9	1616.8	1461.8	1305.2	1104.0	869.5	638.3	434.4	270.6	158.4
-17.5°	2008.4	1762.7	1576.9	1434.3	1272.9	1065.6	833.3	609.2	412.8	257.4	151.6
-20°	1934.0	1703.6	1533.4	1402.9	1235.9	1021.6	791.9	575.8	388.1	242.3	143.9



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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°	1849.6	1648.3	1495.0	1359.4	1189.1	972.3	745.4	538.2	360.3	225.2	135.2
-25°	1756.9	1587.5	1452.7	1309.4	1129.2	915.5	696.6	496.6	329.6	206.3	125.6
-27.5°	1677.6	1525.8	1406.7	1254.9	1063.9	853.4	646.0	458.5	299.4	185.6	115.0
-30°	1600.9	1472.2	1345.9	1191.2	993.3	786.3	591.3	417.5	273.9	168.9	103.5
-32.5°	1524.3	1415.1	1277.8	1109.0	915.5	714.8	532.5	373.6	246.5	154.7	93.8
-35°	1459.4	1342.6	1203.5	1021.6	831.8	646.0	474.1	326.6	217.3	139.5	84.3
-37.5°	1389.7	1260.7	1104.0	927.7	743.3	573.2	419.1	286.2	186.3	123.4	74.1
-40°	1298.0	1163.7	999.7	827.0	657.4	496.6	361.1	249.7	163.3	106.4	63.5
-42.5°	1199.9	1047.1	887.6	721.8	570.2	429.7	302.6	211.4	143.1	91.9	52.2
-45°	1071.0	924.3	770.0	623.4	481.9	360.3	258.4	173.8	122.0	78.4	43.4
-47.5°	936.6	794.2	655.6	521.7	403.7	294.2	212.5	149.3	100.2	64.4	38.3
-50°	794.2	666.4	543.0	429.9	322.9	242.3	170.0	124.0	83.8	49.8	33.1
-52.5°	655.6	543.0	438.7	340.3	260.2	188.7	141.2	98.6	66.9	41.0	27.7
-55°	521.7	429.9	340.3	266.3	200.7	151.6	111.6	79.1	49.4	34.6	22.5
-57.5°	403.7	322.9	260.2	200.7	155.1	118.5	86.6	59.2	39.6	28.1	20.7
-60°	294.2	242.3	188.7	151.6	118.5	89.1	64.1	42.7	32.1	22.3	18.9
-62.5°	212.5	170.0	141.2	111.6	86.6	64.1	43.7	34.1	24.3	20.1	17.0
-65°	149.3	124.0	98.6	79.1	59.2	42.7	34.1	25.3	20.7	17.9	15.0
-67.5°	100.2	83.8	66.9	49.4	39.6	32.1	24.3	20.7	18.2	15.7	13.1
-70°	64.4	49.8	41.0	34.6	28.1	22.3	20.1	17.9	15.7	13.4	11.1
-72.5°	38.3	33.1	27.7	22.5	20.7	18.9	17.0	15.0	13.1	11.1	9.0
-75°	23.3	21.5	20.0	18.5	17.0	15.4	13.8	12.1	10.4	8.7	7.6
-77.5°	18.2	17.0	15.8	14.6	13.3	11.9	10.6	9.2	8.1	7.2	6.4
-80°	13.4	12.5	11.5	10.5	9.5	8.5	7.8	7.2	6.5	5.8	5.1
-82.5°	8.7	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.9
-85°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.6
-87.5°	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.7	0.6	0.4	0.2	0.0
85°	2.2	1.9	1.5	1.1	0.7	0.4	0.0
82.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
80°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
77.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
75°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
72.5°	7.6	6.4	5.1	3.9	2.6	1.3	0.0
70°	8.7	7.2	5.8	4.4	2.9	1.5	0.0
67.5°	10.4	8.1	6.5	4.9	3.3	1.6	0.0
65°	12.1	9.2	7.2	5.4	3.6	1.8	0.0
62.5°	13.8	10.6	7.8	5.9	4.0	2.0	0.0
60°	15.4	11.9	8.5	6.4	4.3	2.1	0.0
57.5°	17.0	13.3	9.5	6.9	4.6	2.3	0.0
55°	18.5	14.6	10.5	7.3	4.9	2.5	0.0
52.5°	20.0	15.8	11.5	7.8	5.2	2.6	0.0
50°	21.5	17.0	12.5	8.2	5.5	2.8	0.0
47.5°	23.3	18.2	13.4	8.7	5.8	2.9	0.0
45°	27.7	19.3	14.3	9.3	6.0	3.0	0.0
42.5°	31.8	20.4	15.2	10.0	6.3	3.2	0.0
40°	35.7	21.4	16.0	10.6	6.5	3.3	0.0
37.5°	39.5	22.4	16.8	11.2	6.8	3.4	0.0
35°	43.0	24.6	17.5	11.7	7.0	3.5	0.0
32.5°	47.8	27.4	18.2	12.2	7.2	3.6	0.0
30°	55.4	30.0	18.9	12.7	7.4	3.7	0.0
27.5°	62.4	32.4	19.5	13.2	7.5	3.8	0.0
25°	68.9	34.6	20.0	13.6	7.7	3.9	0.0
22.5°	74.9	36.6	20.5	14.0	7.9	4.0	0.0
20°	80.2	38.5	21.0	14.3	8.0	4.0	0.0
17.5°	84.9	40.1	21.4	14.6	8.1	4.1	0.0
15°	89.1	41.5	21.7	14.9	8.2	4.2	0.0
12.5°	92.6	42.7	22.0	15.1	8.3	4.2	0.0
10°	95.5	43.6	22.3	15.3	8.4	4.2	0.0
7.5°	97.7	44.4	22.5	15.4	8.4	4.3	0.0
5°	99.3	45.0	22.6	15.5	8.5	4.3	0.0
2.5°	100.3	45.3	22.7	15.6	8.5	4.3	0.0
0°	100.6	45.4	22.7	15.6	8.5	4.3	0.0
-2.5°	100.3	45.3	22.7	15.6	8.5	4.3	0.0
-5°	99.3	45.0	22.6	15.5	8.5	4.3	0.0
-7.5°	97.7	44.4	22.5	15.4	8.4	4.3	0.0
-10°	95.5	43.6	22.3	15.3	8.4	4.2	0.0
-12.5°	92.6	42.7	22.0	15.1	8.3	4.2	0.0
-15°	89.1	41.5	21.7	14.9	8.2	4.2	0.0
-17.5°	84.9	40.1	21.4	14.6	8.1	4.1	0.0
-20°	80.2	38.5	21.0	14.3	8.0	4.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.9	36.6	20.5	14.0	7.9	4.0	0.0
-25°	68.9	34.6	20.0	13.6	7.7	3.9	0.0
-27.5°	62.4	32.4	19.5	13.2	7.5	3.8	0.0
-30°	55.4	30.0	18.9	12.7	7.4	3.7	0.0
-32.5°	47.8	27.4	18.2	12.2	7.2	3.6	0.0
-35°	43.0	24.6	17.5	11.7	7.0	3.5	0.0
-37.5°	39.5	22.4	16.8	11.2	6.8	3.4	0.0
-40°	35.7	21.4	16.0	10.6	6.5	3.3	0.0
-42.5°	31.8	20.4	15.2	10.0	6.3	3.2	0.0
-45°	27.7	19.3	14.3	9.3	6.0	3.0	0.0
-47.5°	23.3	18.2	13.4	8.7	5.8	2.9	0.0
-50°	21.5	17.0	12.5	8.2	5.5	2.8	0.0
-52.5°	20.0	15.8	11.5	7.8	5.2	2.6	0.0
-55°	18.5	14.6	10.5	7.3	4.9	2.5	0.0
-57.5°	17.0	13.3	9.5	6.9	4.6	2.3	0.0
-60°	15.4	11.9	8.5	6.4	4.3	2.1	0.0
-62.5°	13.8	10.6	7.8	5.9	4.0	2.0	0.0
-65°	12.1	9.2	7.2	5.4	3.6	1.8	0.0
-67.5°	10.4	8.1	6.5	4.9	3.3	1.6	0.0
-70°	8.7	7.2	5.8	4.4	2.9	1.5	0.0
-72.5°	7.6	6.4	5.1	3.9	2.6	1.3	0.0
-75°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-77.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-80°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-82.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-85°	2.2	1.9	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)