

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: P1305919 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-3S-HEG-A**

Issue Date: 2/3/2026

Test Information

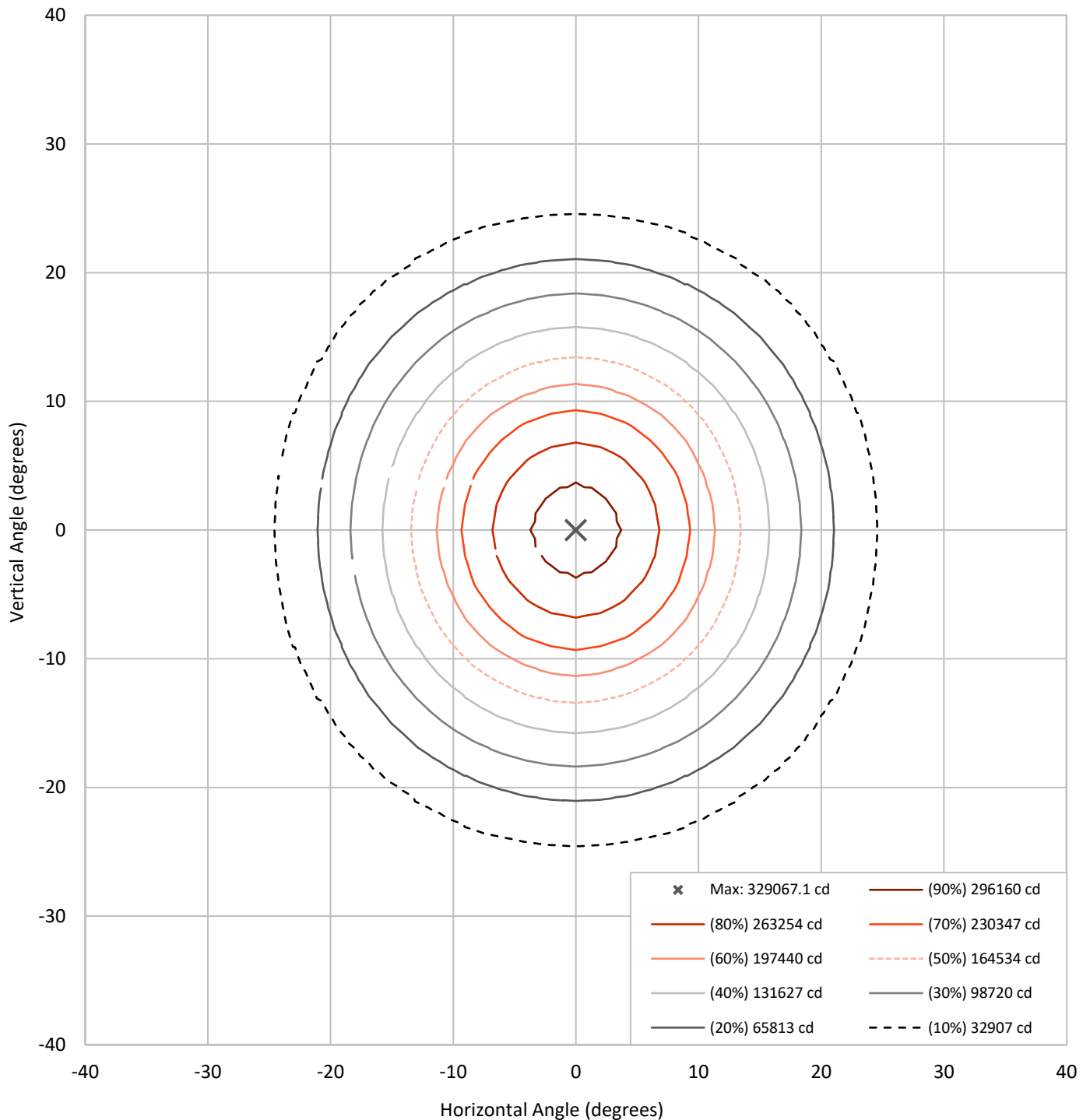
Test Method: LM-79-08
Report Number: P1305919 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-3S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	88876.6 lumens	Max Intensity:	329067.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	160.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	38535.5 lumens	Field Lumens:	73776.3 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
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





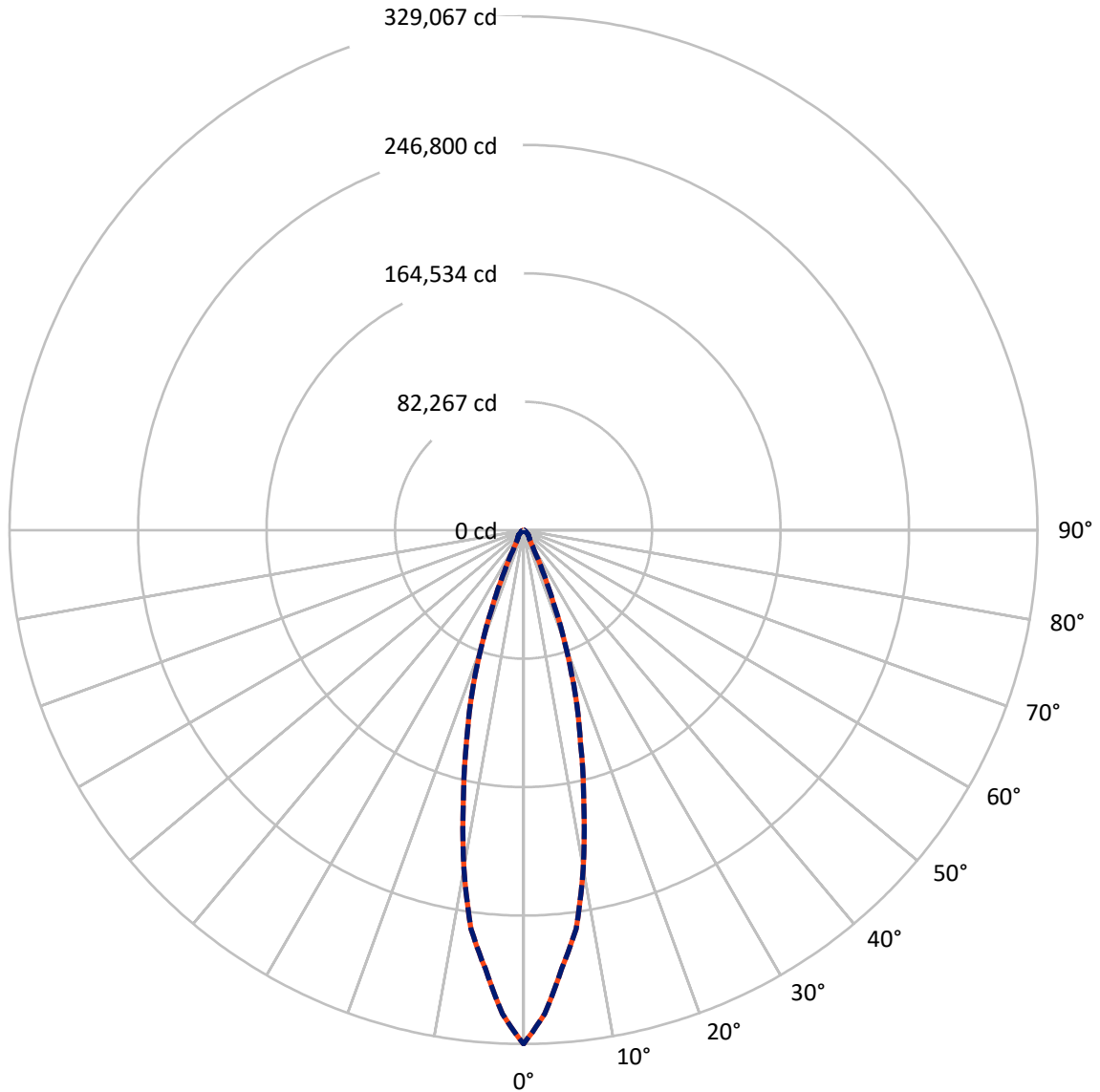
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Lumen Table

90	0.1	0.8		3.1		8.0		10.7		8.0		3.1		0.8		0.1			
80	0.1	0.8		3.1		8.0		10.7		8.0		3.1		0.8		0.1			
70	0.4	0.5	2.0	5.9	11.6	17.6	22.6	25.3	25.3	22.6	17.6	11.6	5.9	2.0	0.5	0.4			
60		1.5	6.9	16.2	27.8	39.7	49.2	54.3	54.3	49.2	39.7	27.8	16.2	6.9	1.5				
50	1.0	3.6	13.2	28.1	46.5	73.3	104.9	123.1	123.1	104.9	73.3	46.5	28.1	13.2	3.6	1.0			
40		6.2	19.6	40.3	82.1	135.3	174.0	204.4	204.4	174.0	135.3	82.1	40.3	19.6	6.2				
30	2.4	8.5	25.4	57.7	122.5	193.9	448.4	922.2	922.2	448.4	193.9	122.5	57.7	25.4	8.5	2.4			
20		10.2	29.5	77.6	148.1	423.2	1961.5	3928.0	3928.0	1961.5	423.2	148.1	77.6	29.5	10.2				
10	3.0	11.1	31.6	88.2	169.0	848.9	3820.5	7534.9	7534.9	3820.5	848.9	169.0	88.2	31.6	11.1	3.0			
0		11.1	31.6	88.2	169.0	848.9	3820.5	7534.9	7534.9	3820.5	848.9	169.0	88.2	31.6	11.1				
-10	2.4	10.2	29.5	77.6	148.1	423.2	1961.5	3928.0	3928.0	1961.5	423.2	148.1	77.6	29.5	10.2	2.4			
-20		8.5	25.4	57.7	122.5	193.9	448.4	922.2	922.2	448.4	193.9	122.5	57.7	25.4	8.5				
-30	1.0	6.2	19.6	40.3	82.1	135.3	174.0	204.4	204.4	174.0	135.3	82.1	40.3	19.6	6.2	1.0			
-40		3.6	13.2	28.1	46.5	73.3	104.9	123.1	123.1	104.9	73.3	46.5	28.1	13.2	3.6				
-50	0.4	1.5	6.9	16.2	27.8	39.7	49.2	54.3	54.3	49.2	39.7	27.8	16.2	6.9	1.5	0.4			
-60		0.5	2.0	5.9	11.6	17.6	22.6	25.3	25.3	22.6	17.6	11.6	5.9	2.0	0.5				
-70	0.1	0.8		3.1		8.0		10.7		8.0		3.1		0.8		0.1			
-80		0.8		3.1		8.0		10.7		8.0		3.1		0.8					
-90	0.1	0.8		3.1		8.0		10.7		8.0		3.1		0.8		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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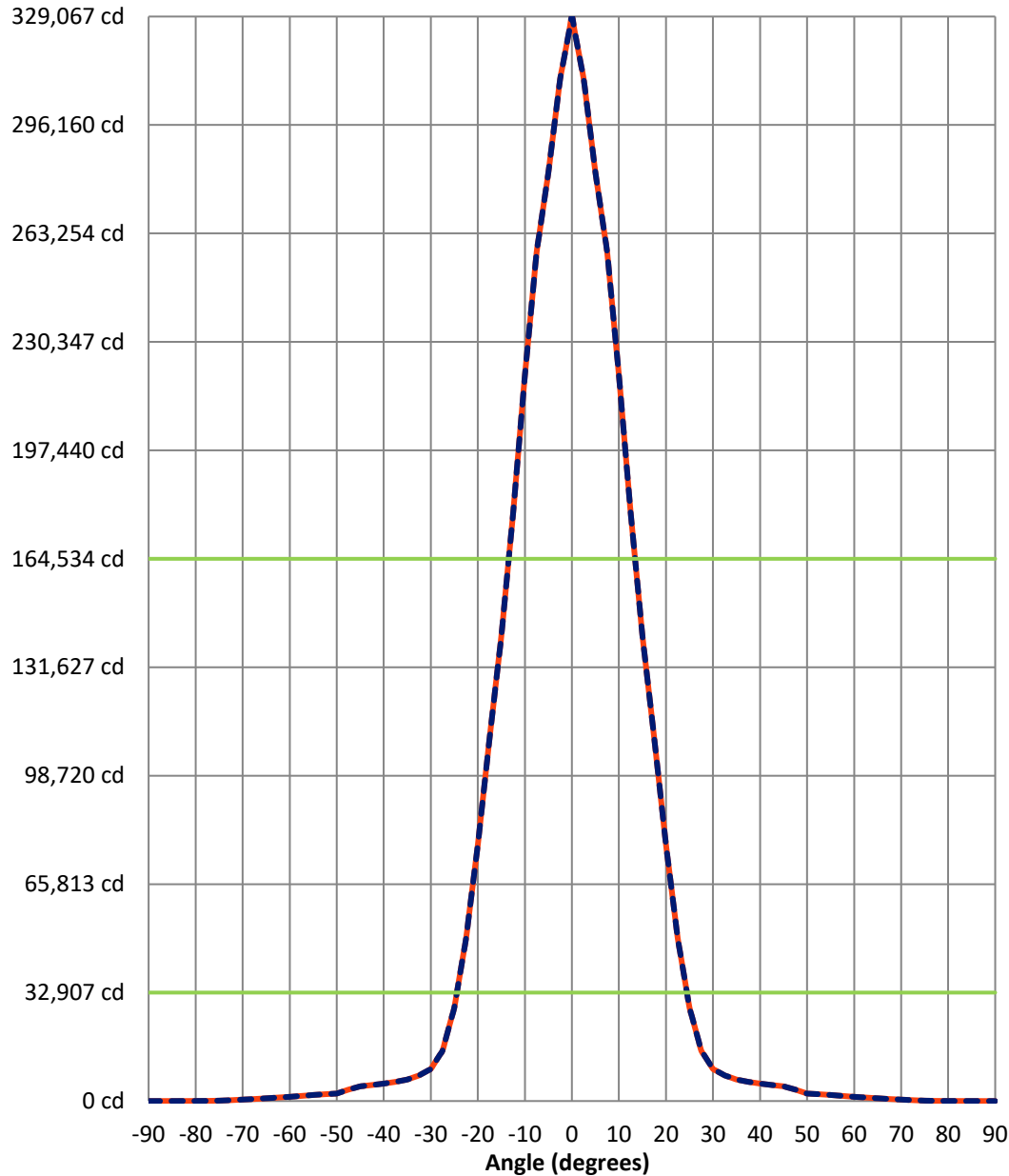
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 26.9°
 V Angle: 26.9°
 Lumens: 38535.5
 Efficiency: 43.4%

Field:
 H Angle: 48.9°
 V Angle: 48.9°
 Lumens: 73776.3
 Efficiency: 83.0%

Spill:
 Lumens: 15100.3
 Efficiency: 17.0%

— 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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.7	7.2
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.1	6.9	7.6	8.4	9.1
77.5°	0.0	1.3	2.6	3.9	5.2	6.3	7.3	8.2	9.1	10.1	11.2
75°	0.0	1.6	3.1	4.6	6.1	7.3	8.4	9.5	10.7	12.5	14.3
72.5°	0.0	1.8	3.6	5.4	6.9	8.2	9.5	11.1	13.2	15.3	17.3
70°	0.0	2.1	4.1	6.1	7.6	9.1	10.7	13.2	15.6	18.0	21.3
67.5°	0.0	2.3	4.6	6.7	8.4	10.1	12.5	15.3	18.0	21.8	25.5
65°	0.0	2.5	5.1	7.2	9.1	11.2	14.3	17.3	21.3	25.5	30.8
62.5°	0.0	2.8	5.5	7.7	9.8	12.7	16.0	19.9	24.6	29.9	38.9
60°	0.0	3.0	6.0	8.2	10.5	14.1	17.7	22.7	27.8	37.1	46.9
57.5°	0.0	3.2	6.3	8.7	11.5	15.5	20.0	25.5	33.3	44.1	67.3
55°	0.0	3.4	6.7	9.2	12.6	16.8	22.3	28.1	39.4	54.5	93.2
52.5°	0.0	3.7	7.0	9.7	13.7	18.2	24.5	33.0	45.3	77.3	118.5
50°	0.0	3.9	7.3	10.2	14.7	20.0	26.6	38.0	55.1	99.3	164.5
47.5°	0.0	4.1	7.6	10.7	15.6	21.7	29.0	42.9	74.1	120.6	211.5
45°	0.0	4.2	7.9	11.4	16.6	23.4	33.0	47.5	92.3	160.9	256.8
42.5°	0.0	4.4	8.1	12.0	17.5	25.0	36.8	58.3	109.8	200.0	310.2
40°	0.0	4.6	8.4	12.7	18.5	26.5	40.5	72.9	131.8	237.4	363.0
37.5°	0.0	4.8	8.6	13.3	19.7	27.9	43.9	86.7	163.4	275.7	413.3
35°	0.0	4.9	8.9	13.9	20.7	30.2	47.2	99.9	193.3	318.4	460.5
32.5°	0.0	5.1	9.1	14.4	21.8	32.8	52.5	112.2	221.5	358.7	504.4
30°	0.0	5.2	9.3	14.9	22.7	35.1	62.4	126.5	247.8	396.4	545.5
27.5°	0.0	5.3	9.5	15.4	23.6	37.4	71.5	147.8	274.7	431.4	583.7
25°	0.0	5.4	9.7	15.8	24.4	39.4	80.0	167.4	303.2	463.2	619.5
22.5°	0.0	5.5	9.8	16.2	25.2	41.3	87.7	185.3	329.3	492.0	660.3
20°	0.0	5.6	10.0	16.6	25.8	43.0	94.6	201.5	352.8	518.0	697.2
17.5°	0.0	5.7	10.1	16.9	26.4	44.5	100.8	215.8	373.6	541.1	730.0
15°	0.0	5.8	10.2	17.1	27.0	45.8	106.1	228.3	391.8	561.2	758.7
12.5°	0.0	5.9	10.3	17.4	27.4	46.9	110.7	238.9	407.3	578.3	783.1
10°	0.0	5.9	10.4	17.6	27.8	47.8	114.4	247.6	420.0	592.4	803.1
7.5°	0.0	5.9	10.4	17.7	28.0	48.5	117.3	254.4	429.9	603.4	818.8
5°	0.0	6.0	10.5	17.8	28.2	49.0	119.4	259.3	437.0	611.3	830.0
2.5°	0.0	6.0	10.5	17.9	28.4	49.3	120.7	262.2	441.3	616.0	836.7
0°	0.0	6.0	10.5	17.9	28.4	49.4	121.1	263.2	442.7	617.6	839.0
-2.5°	0.0	6.0	10.5	17.9	28.4	49.3	120.7	262.2	441.3	616.0	836.7
-5°	0.0	6.0	10.5	17.8	28.2	49.0	119.4	259.3	437.0	611.3	830.0
-7.5°	0.0	5.9	10.4	17.7	28.0	48.5	117.3	254.4	429.9	603.4	818.8
-10°	0.0	5.9	10.4	17.6	27.8	47.8	114.4	247.6	420.0	592.4	803.1
-12.5°	0.0	5.9	10.3	17.4	27.4	46.9	110.7	238.9	407.3	578.3	783.1
-15°	0.0	5.8	10.2	17.1	27.0	45.8	106.1	228.3	391.8	561.2	758.7
-17.5°	0.0	5.7	10.1	16.9	26.4	44.5	100.8	215.8	373.6	541.1	730.0
-20°	0.0	5.6	10.0	16.6	25.8	43.0	94.6	201.5	352.8	518.0	697.2



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 CATALOG NUMBER: EPH-08-530N-40-70-3S-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	5.5	9.8	16.2	25.2	41.3	87.7	185.3	329.3	492.0	660.3
-25°	0.0	5.4	9.7	15.8	24.4	39.4	80.0	167.4	303.2	463.2	619.5
-27.5°	0.0	5.3	9.5	15.4	23.6	37.4	71.5	147.8	274.7	431.4	583.7
-30°	0.0	5.2	9.3	14.9	22.7	35.1	62.4	126.5	247.8	396.4	545.5
-32.5°	0.0	5.1	9.1	14.4	21.8	32.8	52.5	112.2	221.5	358.7	504.4
-35°	0.0	4.9	8.9	13.9	20.7	30.2	47.2	99.9	193.3	318.4	460.5
-37.5°	0.0	4.8	8.6	13.3	19.7	27.9	43.9	86.7	163.4	275.7	413.3
-40°	0.0	4.6	8.4	12.7	18.5	26.5	40.5	72.9	131.8	237.4	363.0
-42.5°	0.0	4.4	8.1	12.0	17.5	25.0	36.8	58.3	109.8	200.0	310.2
-45°	0.0	4.2	7.9	11.4	16.6	23.4	33.0	47.5	92.3	160.9	256.8
-47.5°	0.0	4.1	7.6	10.7	15.6	21.7	29.0	42.9	74.1	120.6	211.5
-50°	0.0	3.9	7.3	10.2	14.7	20.0	26.6	38.0	55.1	99.3	164.5
-52.5°	0.0	3.7	7.0	9.7	13.7	18.2	24.5	33.0	45.3	77.3	118.5
-55°	0.0	3.4	6.7	9.2	12.6	16.8	22.3	28.1	39.4	54.5	93.2
-57.5°	0.0	3.2	6.3	8.7	11.5	15.5	20.0	25.5	33.3	44.1	67.3
-60°	0.0	3.0	6.0	8.2	10.5	14.1	17.7	22.7	27.8	37.1	46.9
-62.5°	0.0	2.8	5.5	7.7	9.8	12.7	16.0	19.9	24.6	29.9	38.9
-65°	0.0	2.5	5.1	7.2	9.1	11.2	14.3	17.3	21.3	25.5	30.8
-67.5°	0.0	2.3	4.6	6.7	8.4	10.1	12.5	15.3	18.0	21.8	25.5
-70°	0.0	2.1	4.1	6.1	7.6	9.1	10.7	13.2	15.6	18.0	21.3
-72.5°	0.0	1.8	3.6	5.4	6.9	8.2	9.5	11.1	13.2	15.3	17.3
-75°	0.0	1.6	3.1	4.6	6.1	7.3	8.4	9.5	10.7	12.5	14.3
-77.5°	0.0	1.3	2.6	3.9	5.2	6.3	7.3	8.2	9.1	10.1	11.2
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.1	6.9	7.6	8.4	9.1
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.7	7.2
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.3	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.6
82.5°	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.4	12.0	12.7	13.3
80°	9.8	10.5	11.5	12.6	13.7	14.7	15.6	16.6	17.5	18.5	19.7
77.5°	12.7	14.1	15.5	16.8	18.2	20.0	21.7	23.4	25.0	26.5	27.9
75°	16.0	17.7	20.0	22.3	24.5	26.6	29.0	33.0	36.8	40.5	43.9
72.5°	19.9	22.7	25.5	28.1	33.0	38.0	42.9	47.5	58.3	72.9	86.7
70°	24.6	27.8	33.3	39.4	45.3	55.1	74.1	92.3	109.8	131.8	163.4
67.5°	29.9	37.1	44.1	54.5	77.3	99.3	120.6	160.9	200.0	237.4	275.7
65°	38.9	46.9	67.3	93.2	118.5	164.5	211.5	256.8	310.2	363.0	413.3
62.5°	47.8	73.7	102.9	141.4	196.4	249.9	311.8	375.0	435.8	492.7	546.9
60°	73.7	106.1	154.3	215.8	279.1	352.8	424.2	492.0	556.9	619.5	694.7
57.5°	102.9	154.3	222.3	295.5	377.5	457.0	532.5	605.7	691.7	777.5	859.9
55°	141.4	215.8	295.5	385.8	473.2	557.1	644.1	744.0	840.5	935.2	1025.8
52.5°	196.4	279.1	377.5	473.2	565.3	665.0	775.7	883.9	989.7	1090.9	1186.0
50°	249.9	352.8	457.0	557.1	665.0	786.3	905.7	1022.7	1134.1	1240.5	1356.6
47.5°	311.8	424.2	532.5	644.1	775.7	905.7	1033.8	1155.9	1273.5	1411.6	1547.1
45°	375.0	492.0	605.7	744.0	883.9	1022.7	1155.9	1284.6	1439.4	1590.6	1741.4
42.5°	435.8	556.9	691.7	840.5	989.7	1134.1	1273.5	1439.4	1605.4	1771.4	1916.4
40°	492.7	619.5	777.5	935.2	1090.9	1240.5	1411.6	1590.6	1771.4	1929.1	2070.4
37.5°	546.9	694.7	859.9	1025.8	1186.0	1356.6	1547.1	1741.4	1916.4	2070.4	2195.4
35°	598.4	766.2	939.5	1110.9	1276.9	1477.5	1682.0	1878.5	2044.5	2184.4	2528.6
32.5°	654.7	833.8	1014.8	1190.6	1381.7	1594.1	1810.9	1993.2	2151.6	2391.4	3231.9
30°	712.5	898.5	1085.1	1265.6	1482.4	1707.5	1917.4	2097.8	2248.1	3022.0	3827.7
27.5°	766.2	958.9	1149.5	1348.0	1577.5	1813.9	2012.7	2182.7	2677.1	3592.7	4352.6
25°	815.9	1014.8	1209.1	1428.5	1668.8	1900.6	2097.3	2261.9	3198.3	4053.5	4619.0
22.5°	861.8	1065.9	1263.7	1502.3	1752.7	1976.3	2165.1	2652.0	3644.2	4469.3	4807.3
20°	903.6	1110.9	1319.9	1569.8	1828.9	2045.0	2226.9	3060.6	4007.7	4630.0	4987.5
17.5°	940.9	1151.0	1374.5	1632.2	1887.5	2101.5	2328.3	3427.5	4334.8	4774.9	5153.8
15°	973.4	1186.0	1422.3	1686.9	1937.1	2146.3	2626.1	3701.7	4527.7	4905.4	5302.3
12.5°	1001.1	1215.9	1463.0	1733.5	1979.5	2184.6	2881.3	3930.3	4629.4	5022.8	5458.4
10°	1024.0	1240.5	1496.6	1772.0	2014.4	2216.3	3092.3	4119.5	4713.8	5120.3	5588.5
7.5°	1041.8	1259.8	1522.9	1802.1	2041.8	2241.1	3257.9	4268.1	4780.1	5197.1	5691.1
5°	1054.6	1273.5	1541.7	1823.7	2061.5	2258.9	3376.9	4375.1	4827.9	5252.5	5765.2
2.5°	1062.2	1281.8	1553.0	1836.7	2073.3	2269.6	3448.6	4439.5	4856.8	5285.9	5810.0
0°	1064.8	1284.6	1556.8	1841.0	2077.3	2273.2	3472.6	4461.1	4866.4	5297.1	5825.0
-2.5°	1062.2	1281.8	1553.0	1836.7	2073.3	2269.6	3448.6	4439.5	4856.8	5285.9	5810.0
-5°	1054.6	1273.5	1541.7	1823.7	2061.5	2258.9	3376.9	4375.1	4827.9	5252.5	5765.2
-7.5°	1041.8	1259.8	1522.9	1802.1	2041.8	2241.1	3257.9	4268.1	4780.1	5197.1	5691.1
-10°	1024.0	1240.5	1496.6	1772.0	2014.4	2216.3	3092.3	4119.5	4713.8	5120.3	5588.5
-12.5°	1001.1	1215.9	1463.0	1733.5	1979.5	2184.6	2881.3	3930.3	4629.4	5022.8	5458.4
-15°	973.4	1186.0	1422.3	1686.9	1937.1	2146.3	2626.1	3701.7	4527.7	4905.4	5302.3
-17.5°	940.9	1151.0	1374.5	1632.2	1887.5	2101.5	2328.3	3427.5	4334.8	4774.9	5153.8
-20°	903.6	1110.9	1319.9	1569.8	1828.9	2045.0	2226.9	3060.6	4007.7	4630.0	4987.5



REPORT NUMBER: P1305919 (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°	861.8	1065.9	1263.7	1502.3	1752.7	1976.3	2165.1	2652.0	3644.2	4469.3	4807.3
-25°	815.9	1014.8	1209.1	1428.5	1668.8	1900.6	2097.3	2261.9	3198.3	4053.5	4619.0
-27.5°	766.2	958.9	1149.5	1348.0	1577.5	1813.9	2012.7	2182.7	2677.1	3592.7	4352.6
-30°	712.5	898.5	1085.1	1265.6	1482.4	1707.5	1917.4	2097.8	2248.1	3022.0	3827.7
-32.5°	654.7	833.8	1014.8	1190.6	1381.7	1594.1	1810.9	1993.2	2151.6	2391.4	3231.9
-35°	598.4	766.2	939.5	1110.9	1276.9	1477.5	1682.0	1878.5	2044.5	2184.4	2528.6
-37.5°	546.9	694.7	859.9	1025.8	1186.0	1356.6	1547.1	1741.4	1916.4	2070.4	2195.4
-40°	492.7	619.5	777.5	935.2	1090.9	1240.5	1411.6	1590.6	1771.4	1929.1	2070.4
-42.5°	435.8	556.9	691.7	840.5	989.7	1134.1	1273.5	1439.4	1605.4	1771.4	1916.4
-45°	375.0	492.0	605.7	744.0	883.9	1022.7	1155.9	1284.6	1439.4	1590.6	1741.4
-47.5°	311.8	424.2	532.5	644.1	775.7	905.7	1033.8	1155.9	1273.5	1411.6	1547.1
-50°	249.9	352.8	457.0	557.1	665.0	786.3	905.7	1022.7	1134.1	1240.5	1356.6
-52.5°	196.4	279.1	377.5	473.2	565.3	665.0	775.7	883.9	989.7	1090.9	1186.0
-55°	141.4	215.8	295.5	385.8	473.2	557.1	644.1	744.0	840.5	935.2	1025.8
-57.5°	102.9	154.3	222.3	295.5	377.5	457.0	532.5	605.7	691.7	777.5	859.9
-60°	73.7	106.1	154.3	215.8	279.1	352.8	424.2	492.0	556.9	619.5	694.7
-62.5°	47.8	73.7	102.9	141.4	196.4	249.9	311.8	375.0	435.8	492.7	546.9
-65°	38.9	46.9	67.3	93.2	118.5	164.5	211.5	256.8	310.2	363.0	413.3
-67.5°	29.9	37.1	44.1	54.5	77.3	99.3	120.6	160.9	200.0	237.4	275.7
-70°	24.6	27.8	33.3	39.4	45.3	55.1	74.1	92.3	109.8	131.8	163.4
-72.5°	19.9	22.7	25.5	28.1	33.0	38.0	42.9	47.5	58.3	72.9	86.7
-75°	16.0	17.7	20.0	22.3	24.5	26.6	29.0	33.0	36.8	40.5	43.9
-77.5°	12.7	14.1	15.5	16.8	18.2	20.0	21.7	23.4	25.0	26.5	27.9
-80°	9.8	10.5	11.5	12.6	13.7	14.7	15.6	16.6	17.5	18.5	19.7
-82.5°	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.4	12.0	12.7	13.3
-85°	5.5	6.0	6.3	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.6
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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):

	-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.4
82.5°	13.9	14.4	14.9	15.4	15.8	16.2	16.6	16.9	17.1	17.4	17.6
80°	20.7	21.8	22.7	23.6	24.4	25.2	25.8	26.4	27.0	27.4	27.8
77.5°	30.2	32.8	35.1	37.4	39.4	41.3	43.0	44.5	45.8	46.9	47.8
75°	47.2	52.5	62.4	71.5	80.0	87.7	94.6	100.8	106.1	110.7	114.4
72.5°	99.9	112.2	126.5	147.8	167.4	185.3	201.5	215.8	228.3	238.9	247.6
70°	193.3	221.5	247.8	274.7	303.2	329.3	352.8	373.6	391.8	407.3	420.0
67.5°	318.4	358.7	396.4	431.4	463.2	492.0	518.0	541.1	561.2	578.3	592.4
65°	460.5	504.4	545.5	583.7	619.5	660.3	697.2	730.0	758.7	783.1	803.1
62.5°	598.4	654.7	712.5	766.2	815.9	861.8	903.6	940.9	973.4	1001.1	1024.0
60°	766.2	833.8	898.5	958.9	1014.8	1065.9	1110.9	1151.0	1186.0	1215.9	1240.5
57.5°	939.5	1014.8	1085.1	1149.5	1209.1	1263.7	1319.9	1374.5	1422.3	1463.0	1496.6
55°	1110.9	1190.6	1265.6	1348.0	1428.5	1502.3	1569.8	1632.2	1686.9	1733.5	1772.0
52.5°	1276.9	1381.7	1482.4	1577.5	1668.8	1752.7	1828.9	1887.5	1937.1	1979.5	2014.4
50°	1477.5	1594.1	1707.5	1813.9	1900.6	1976.3	2045.0	2101.5	2146.3	2184.6	2216.3
47.5°	1682.0	1810.9	1917.4	2012.7	2097.3	2165.1	2226.9	2328.3	2626.1	2881.3	3092.3
45°	1878.5	1993.2	2097.8	2182.7	2261.9	2652.0	3060.6	3427.5	3701.7	3930.3	4119.5
42.5°	2044.5	2151.6	2248.1	2677.1	3198.3	3644.2	4007.7	4334.8	4527.7	4629.4	4713.8
40°	2184.4	2391.4	3022.0	3592.7	4053.5	4469.3	4630.0	4774.9	4905.4	5022.8	5120.3
37.5°	2528.6	3231.9	3827.7	4352.6	4619.0	4807.3	4987.5	5153.8	5302.3	5458.4	5588.5
35°	3302.3	3946.6	4491.4	4720.8	4941.6	5156.3	5367.1	5587.3	5783.1	5994.7	6182.8
32.5°	3946.6	4516.5	4772.3	5025.9	5271.5	5547.7	5808.6	6119.1	6401.0	6739.7	7105.6
30°	4491.4	4772.3	5054.3	5337.3	5658.2	6004.5	6377.3	6868.6	7413.6	7952.7	8577.5
27.5°	4720.8	5025.9	5337.3	5695.4	6106.9	6543.3	7257.5	7991.3	8915.5	9726.2	11675.7
25°	4941.6	5271.5	5658.2	6106.9	6638.7	7455.7	8473.3	9581.2	12174.1	14705.5	18934.3
22.5°	5156.3	5547.7	6004.5	6543.3	7455.7	8636.3	10278.3	13696.4	18841.5	25337.2	32438.7
20°	5367.1	5808.6	6377.3	7257.5	8473.3	10278.3	14212.8	21384.9	29932.5	41419.3	52023.0
17.5°	5587.3	6119.1	6868.6	7991.3	9581.2	13696.4	21384.9	32128.1	46075.2	61984.9	76903.7
15°	5783.1	6401.0	7413.6	8915.5	12174.1	18841.5	29932.5	46075.2	65401.9	85125.1	104154.1
12.5°	5994.7	6739.7	7952.7	9726.2	14705.5	25337.2	41419.3	61984.9	85125.1	108775.9	129252.8
10°	6182.8	7105.6	8577.5	11675.7	18934.3	32438.7	52023.0	76903.7	104154.1	129252.8	153680.7
7.5°	6331.7	7395.9	9074.8	13239.1	22981.5	39679.6	62956.1	90825.5	119670.2	147486.7	178720.8
5°	6439.4	7606.3	9436.4	14380.0	25948.0	45017.7	71078.7	101371.2	131291.8	163718.1	199444.5
2.5°	6504.6	7733.9	9656.1	15074.8	27760.2	48292.6	76090.9	107931.9	138609.1	174610.4	214655.1
0°	6526.4	7776.7	9729.8	15308.1	28369.9	49396.9	77786.2	110161.1	141112.3	178367.1	220129.3
-2.5°	6504.6	7733.9	9656.1	15074.8	27760.2	48292.6	76090.9	107931.9	138609.1	174610.4	214655.1
-5°	6439.4	7606.3	9436.4	14380.0	25948.0	45017.7	71078.7	101371.2	131291.8	163718.1	199444.5
-7.5°	6331.7	7395.9	9074.8	13239.1	22981.5	39679.6	62956.1	90825.5	119670.2	147486.7	178720.8
-10°	6182.8	7105.6	8577.5	11675.7	18934.3	32438.7	52023.0	76903.7	104154.1	129252.8	153680.7
-12.5°	5994.7	6739.7	7952.7	9726.2	14705.5	25337.2	41419.3	61984.9	85125.1	108775.9	129252.8
-15°	5783.1	6401.0	7413.6	8915.5	12174.1	18841.5	29932.5	46075.2	65401.9	85125.1	104154.1
-17.5°	5587.3	6119.1	6868.6	7991.3	9581.2	13696.4	21384.9	32128.1	46075.2	61984.9	76903.7
-20°	5367.1	5808.6	6377.3	7257.5	8473.3	10278.3	14212.8	21384.9	29932.5	41419.3	52023.0



REPORT NUMBER: P1305919 (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°	5156.3	5547.7	6004.5	6543.3	7455.7	8636.3	10278.3	13696.4	18841.5	25337.2	32438.7
-25°	4941.6	5271.5	5658.2	6106.9	6638.7	7455.7	8473.3	9581.2	12174.1	14705.5	18934.3
-27.5°	4720.8	5025.9	5337.3	5695.4	6106.9	6543.3	7257.5	7991.3	8915.5	9726.2	11675.7
-30°	4491.4	4772.3	5054.3	5337.3	5658.2	6004.5	6377.3	6868.6	7413.6	7952.7	8577.5
-32.5°	3946.6	4516.5	4772.3	5025.9	5271.5	5547.7	5808.6	6119.1	6401.0	6739.7	7105.6
-35°	3302.3	3946.6	4491.4	4720.8	4941.6	5156.3	5367.1	5587.3	5783.1	5994.7	6182.8
-37.5°	2528.6	3231.9	3827.7	4352.6	4619.0	4807.3	4987.5	5153.8	5302.3	5458.4	5588.5
-40°	2184.4	2391.4	3022.0	3592.7	4053.5	4469.3	4630.0	4774.9	4905.4	5022.8	5120.3
-42.5°	2044.5	2151.6	2248.1	2677.1	3198.3	3644.2	4007.7	4334.8	4527.7	4629.4	4713.8
-45°	1878.5	1993.2	2097.8	2182.7	2261.9	2652.0	3060.6	3427.5	3701.7	3930.3	4119.5
-47.5°	1682.0	1810.9	1917.4	2012.7	2097.3	2165.1	2226.9	2328.3	2626.1	2881.3	3092.3
-50°	1477.5	1594.1	1707.5	1813.9	1900.6	1976.3	2045.0	2101.5	2146.3	2184.6	2216.3
-52.5°	1276.9	1381.7	1482.4	1577.5	1668.8	1752.7	1828.9	1887.5	1937.1	1979.5	2014.4
-55°	1110.9	1190.6	1265.6	1348.0	1428.5	1502.3	1569.8	1632.2	1686.9	1733.5	1772.0
-57.5°	939.5	1014.8	1085.1	1149.5	1209.1	1263.7	1319.9	1374.5	1422.3	1463.0	1496.6
-60°	766.2	833.8	898.5	958.9	1014.8	1065.9	1110.9	1151.0	1186.0	1215.9	1240.5
-62.5°	598.4	654.7	712.5	766.2	815.9	861.8	903.6	940.9	973.4	1001.1	1024.0
-65°	460.5	504.4	545.5	583.7	619.5	660.3	697.2	730.0	758.7	783.1	803.1
-67.5°	318.4	358.7	396.4	431.4	463.2	492.0	518.0	541.1	561.2	578.3	592.4
-70°	193.3	221.5	247.8	274.7	303.2	329.3	352.8	373.6	391.8	407.3	420.0
-72.5°	99.9	112.2	126.5	147.8	167.4	185.3	201.5	215.8	228.3	238.9	247.6
-75°	47.2	52.5	62.4	71.5	80.0	87.7	94.6	100.8	106.1	110.7	114.4
-77.5°	30.2	32.8	35.1	37.4	39.4	41.3	43.0	44.5	45.8	46.9	47.8
-80°	20.7	21.8	22.7	23.6	24.4	25.2	25.8	26.4	27.0	27.4	27.8
-82.5°	13.9	14.4	14.9	15.4	15.8	16.2	16.6	16.9	17.1	17.4	17.6
-85°	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.4
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-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: P1305919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.1
82.5°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.4	17.1	16.9
80°	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.8	27.4	27.0	26.4
77.5°	48.5	49.0	49.3	49.4	49.3	49.0	48.5	47.8	46.9	45.8	44.5
75°	117.3	119.4	120.7	121.1	120.7	119.4	117.3	114.4	110.7	106.1	100.8
72.5°	254.4	259.3	262.2	263.2	262.2	259.3	254.4	247.6	238.9	228.3	215.8
70°	429.9	437.0	441.3	442.7	441.3	437.0	429.9	420.0	407.3	391.8	373.6
67.5°	603.4	611.3	616.0	617.6	616.0	611.3	603.4	592.4	578.3	561.2	541.1
65°	818.8	830.0	836.7	839.0	836.7	830.0	818.8	803.1	783.1	758.7	730.0
62.5°	1041.8	1054.6	1062.2	1064.8	1062.2	1054.6	1041.8	1024.0	1001.1	973.4	940.9
60°	1259.8	1273.5	1281.8	1284.6	1281.8	1273.5	1259.8	1240.5	1215.9	1186.0	1151.0
57.5°	1522.9	1541.7	1553.0	1556.8	1553.0	1541.7	1522.9	1496.6	1463.0	1422.3	1374.5
55°	1802.1	1823.7	1836.7	1841.0	1836.7	1823.7	1802.1	1772.0	1733.5	1686.9	1632.2
52.5°	2041.8	2061.5	2073.3	2077.3	2073.3	2061.5	2041.8	2014.4	1979.5	1937.1	1887.5
50°	2241.1	2258.9	2269.6	2273.2	2269.6	2258.9	2241.1	2216.3	2184.6	2146.3	2101.5
47.5°	3257.9	3376.9	3448.6	3472.6	3448.6	3376.9	3257.9	3092.3	2881.3	2626.1	2328.3
45°	4268.1	4375.1	4439.5	4461.1	4439.5	4375.1	4268.1	4119.5	3930.3	3701.7	3427.5
42.5°	4780.1	4827.9	4856.8	4866.4	4856.8	4827.9	4780.1	4713.8	4629.4	4527.7	4334.8
40°	5197.1	5252.5	5285.9	5297.1	5285.9	5252.5	5197.1	5120.3	5022.8	4905.4	4774.9
37.5°	5691.1	5765.2	5810.0	5825.0	5810.0	5765.2	5691.1	5588.5	5458.4	5302.3	5153.8
35°	6331.7	6439.4	6504.6	6526.4	6504.6	6439.4	6331.7	6182.8	5994.7	5783.1	5587.3
32.5°	7395.9	7606.3	7733.9	7776.7	7733.9	7606.3	7395.9	7105.6	6739.7	6401.0	6119.1
30°	9074.8	9436.4	9656.1	9729.8	9656.1	9436.4	9074.8	8577.5	7952.7	7413.6	6868.6
27.5°	13239.1	14380.0	15074.8	15308.1	15074.8	14380.0	13239.1	11675.7	9726.2	8915.5	7991.3
25°	22981.5	25948.0	27760.2	28369.9	27760.2	25948.0	22981.5	18934.3	14705.5	12174.1	9581.2
22.5°	39679.6	45017.7	48292.6	49396.9	48292.6	45017.7	39679.6	32438.7	25337.2	18841.5	13696.4
20°	62956.1	71078.7	76090.9	77786.2	76090.9	71078.7	62956.1	52023.0	41419.3	29932.5	21384.9
17.5°	90825.5	101371.2	107931.9	110161.1	107931.9	101371.2	90825.5	76903.7	61984.9	46075.2	32128.1
15°	119670.2	131291.8	138609.1	141112.3	138609.1	131291.8	119670.2	104154.1	85125.1	65401.9	46075.2
12.5°	147486.7	163718.1	174610.4	178367.1	174610.4	163718.1	147486.7	129252.8	108775.9	85125.1	61984.9
10°	178720.8	199444.5	214655.1	220129.3	214655.1	199444.5	178720.8	153680.7	129252.8	104154.1	76903.7
7.5°	209503.4	237479.8	252954.9	257549.4	252954.9	237479.8	209503.4	178720.8	147486.7	119670.2	90825.5
5°	237479.8	262485.3	276798.7	281750.5	276798.7	262485.3	237479.8	199444.5	163718.1	131291.8	101371.2
2.5°	252954.9	276798.7	296666.9	310148.9	296666.9	276798.7	252954.9	214655.1	174610.4	138609.1	107931.9
0°	257549.4	281750.5	310148.9	329067.1	310148.9	281750.5	257549.4	220129.3	178367.1	141112.3	110161.1
-2.5°	252954.9	276798.7	296666.9	310148.9	296666.9	276798.7	252954.9	214655.1	174610.4	138609.1	107931.9
-5°	237479.8	262485.3	276798.7	281750.5	276798.7	262485.3	237479.8	199444.5	163718.1	131291.8	101371.2
-7.5°	209503.4	237479.8	252954.9	257549.4	252954.9	237479.8	209503.4	178720.8	147486.7	119670.2	90825.5
-10°	178720.8	199444.5	214655.1	220129.3	214655.1	199444.5	178720.8	153680.7	129252.8	104154.1	76903.7
-12.5°	147486.7	163718.1	174610.4	178367.1	174610.4	163718.1	147486.7	129252.8	108775.9	85125.1	61984.9
-15°	119670.2	131291.8	138609.1	141112.3	138609.1	131291.8	119670.2	104154.1	85125.1	65401.9	46075.2
-17.5°	90825.5	101371.2	107931.9	110161.1	107931.9	101371.2	90825.5	76903.7	61984.9	46075.2	32128.1
-20°	62956.1	71078.7	76090.9	77786.2	76090.9	71078.7	62956.1	52023.0	41419.3	29932.5	21384.9



REPORT NUMBER: P1305919 (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°
-22.5°	39679.6	45017.7	48292.6	49396.9	48292.6	45017.7	39679.6	32438.7	25337.2	18841.5	13696.4
-25°	22981.5	25948.0	27760.2	28369.9	27760.2	25948.0	22981.5	18934.3	14705.5	12174.1	9581.2
-27.5°	13239.1	14380.0	15074.8	15308.1	15074.8	14380.0	13239.1	11675.7	9726.2	8915.5	7991.3
-30°	9074.8	9436.4	9656.1	9729.8	9656.1	9436.4	9074.8	8577.5	7952.7	7413.6	6868.6
-32.5°	7395.9	7606.3	7733.9	7776.7	7733.9	7606.3	7395.9	7105.6	6739.7	6401.0	6119.1
-35°	6331.7	6439.4	6504.6	6526.4	6504.6	6439.4	6331.7	6182.8	5994.7	5783.1	5587.3
-37.5°	5691.1	5765.2	5810.0	5825.0	5810.0	5765.2	5691.1	5588.5	5458.4	5302.3	5153.8
-40°	5197.1	5252.5	5285.9	5297.1	5285.9	5252.5	5197.1	5120.3	5022.8	4905.4	4774.9
-42.5°	4780.1	4827.9	4856.8	4866.4	4856.8	4827.9	4780.1	4713.8	4629.4	4527.7	4334.8
-45°	4268.1	4375.1	4439.5	4461.1	4439.5	4375.1	4268.1	4119.5	3930.3	3701.7	3427.5
-47.5°	3257.9	3376.9	3448.6	3472.6	3448.6	3376.9	3257.9	3092.3	2881.3	2626.1	2328.3
-50°	2241.1	2258.9	2269.6	2273.2	2269.6	2258.9	2241.1	2216.3	2184.6	2146.3	2101.5
-52.5°	2041.8	2061.5	2073.3	2077.3	2073.3	2061.5	2041.8	2014.4	1979.5	1937.1	1887.5
-55°	1802.1	1823.7	1836.7	1841.0	1836.7	1823.7	1802.1	1772.0	1733.5	1686.9	1632.2
-57.5°	1522.9	1541.7	1553.0	1556.8	1553.0	1541.7	1522.9	1496.6	1463.0	1422.3	1374.5
-60°	1259.8	1273.5	1281.8	1284.6	1281.8	1273.5	1259.8	1240.5	1215.9	1186.0	1151.0
-62.5°	1041.8	1054.6	1062.2	1064.8	1062.2	1054.6	1041.8	1024.0	1001.1	973.4	940.9
-65°	818.8	830.0	836.7	839.0	836.7	830.0	818.8	803.1	783.1	758.7	730.0
-67.5°	603.4	611.3	616.0	617.6	616.0	611.3	603.4	592.4	578.3	561.2	541.1
-70°	429.9	437.0	441.3	442.7	441.3	437.0	429.9	420.0	407.3	391.8	373.6
-72.5°	254.4	259.3	262.2	263.2	262.2	259.3	254.4	247.6	238.9	228.3	215.8
-75°	117.3	119.4	120.7	121.1	120.7	119.4	117.3	114.4	110.7	106.1	100.8
-77.5°	48.5	49.0	49.3	49.4	49.3	49.0	48.5	47.8	46.9	45.8	44.5
-80°	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.8	27.4	27.0	26.4
-82.5°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.4	17.1	16.9
-85°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.1
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.9
82.5°	16.6	16.2	15.8	15.4	14.9	14.4	13.9	13.3	12.7	12.0	11.4
80°	25.8	25.2	24.4	23.6	22.7	21.8	20.7	19.7	18.5	17.5	16.6
77.5°	43.0	41.3	39.4	37.4	35.1	32.8	30.2	27.9	26.5	25.0	23.4
75°	94.6	87.7	80.0	71.5	62.4	52.5	47.2	43.9	40.5	36.8	33.0
72.5°	201.5	185.3	167.4	147.8	126.5	112.2	99.9	86.7	72.9	58.3	47.5
70°	352.8	329.3	303.2	274.7	247.8	221.5	193.3	163.4	131.8	109.8	92.3
67.5°	518.0	492.0	463.2	431.4	396.4	358.7	318.4	275.7	237.4	200.0	160.9
65°	697.2	660.3	619.5	583.7	545.5	504.4	460.5	413.3	363.0	310.2	256.8
62.5°	903.6	861.8	815.9	766.2	712.5	654.7	598.4	546.9	492.7	435.8	375.0
60°	1110.9	1065.9	1014.8	958.9	898.5	833.8	766.2	694.7	619.5	556.9	492.0
57.5°	1319.9	1263.7	1209.1	1149.5	1085.1	1014.8	939.5	859.9	777.5	691.7	605.7
55°	1569.8	1502.3	1428.5	1348.0	1265.6	1190.6	1110.9	1025.8	935.2	840.5	744.0
52.5°	1828.9	1752.7	1668.8	1577.5	1482.4	1381.7	1276.9	1186.0	1090.9	989.7	883.9
50°	2045.0	1976.3	1900.6	1813.9	1707.5	1594.1	1477.5	1356.6	1240.5	1134.1	1022.7
47.5°	2226.9	2165.1	2097.3	2012.7	1917.4	1810.9	1682.0	1547.1	1411.6	1273.5	1155.9
45°	3060.6	2652.0	2261.9	2182.7	2097.8	1993.2	1878.5	1741.4	1590.6	1439.4	1284.6
42.5°	4007.7	3644.2	3198.3	2677.1	2248.1	2151.6	2044.5	1916.4	1771.4	1605.4	1439.4
40°	4630.0	4469.3	4053.5	3592.7	3022.0	2391.4	2184.4	2070.4	1929.1	1771.4	1590.6
37.5°	4987.5	4807.3	4619.0	4352.6	3827.7	3231.9	2528.6	2195.4	2070.4	1916.4	1741.4
35°	5367.1	5156.3	4941.6	4720.8	4491.4	3946.6	3302.3	2528.6	2184.4	2044.5	1878.5
32.5°	5808.6	5547.7	5271.5	5025.9	4772.3	4516.5	3946.6	3231.9	2391.4	2151.6	1993.2
30°	6377.3	6004.5	5658.2	5337.3	5054.3	4772.3	4491.4	3827.7	3022.0	2248.1	2097.8
27.5°	7257.5	6543.3	6106.9	5695.4	5337.3	5025.9	4720.8	4352.6	3592.7	2677.1	2182.7
25°	8473.3	7455.7	6638.7	6106.9	5658.2	5271.5	4941.6	4619.0	4053.5	3198.3	2261.9
22.5°	10278.3	8636.3	7455.7	6543.3	6004.5	5547.7	5156.3	4807.3	4469.3	3644.2	2652.0
20°	14212.8	10278.3	8473.3	7257.5	6377.3	5808.6	5367.1	4987.5	4630.0	4007.7	3060.6
17.5°	21384.9	13696.4	9581.2	7991.3	6868.6	6119.1	5587.3	5153.8	4774.9	4334.8	3427.5
15°	29932.5	18841.5	12174.1	8915.5	7413.6	6401.0	5783.1	5302.3	4905.4	4527.7	3701.7
12.5°	41419.3	25337.2	14705.5	9726.2	7952.7	6739.7	5994.7	5458.4	5022.8	4629.4	3930.3
10°	52023.0	32438.7	18934.3	11675.7	8577.5	7105.6	6182.8	5588.5	5120.3	4713.8	4119.5
7.5°	62956.1	39679.6	22981.5	13239.1	9074.8	7395.9	6331.7	5691.1	5197.1	4780.1	4268.1
5°	71078.7	45017.7	25948.0	14380.0	9436.4	7606.3	6439.4	5765.2	5252.5	4827.9	4375.1
2.5°	76090.9	48292.6	27760.2	15074.8	9656.1	7733.9	6504.6	5810.0	5285.9	4856.8	4439.5
0°	77786.2	49396.9	28369.9	15308.1	9729.8	7776.7	6526.4	5825.0	5297.1	4866.4	4461.1
-2.5°	76090.9	48292.6	27760.2	15074.8	9656.1	7733.9	6504.6	5810.0	5285.9	4856.8	4439.5
-5°	71078.7	45017.7	25948.0	14380.0	9436.4	7606.3	6439.4	5765.2	5252.5	4827.9	4375.1
-7.5°	62956.1	39679.6	22981.5	13239.1	9074.8	7395.9	6331.7	5691.1	5197.1	4780.1	4268.1
-10°	52023.0	32438.7	18934.3	11675.7	8577.5	7105.6	6182.8	5588.5	5120.3	4713.8	4119.5
-12.5°	41419.3	25337.2	14705.5	9726.2	7952.7	6739.7	5994.7	5458.4	5022.8	4629.4	3930.3
-15°	29932.5	18841.5	12174.1	8915.5	7413.6	6401.0	5783.1	5302.3	4905.4	4527.7	3701.7
-17.5°	21384.9	13696.4	9581.2	7991.3	6868.6	6119.1	5587.3	5153.8	4774.9	4334.8	3427.5
-20°	14212.8	10278.3	8473.3	7257.5	6377.3	5808.6	5367.1	4987.5	4630.0	4007.7	3060.6



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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°	10278.3	8636.3	7455.7	6543.3	6004.5	5547.7	5156.3	4807.3	4469.3	3644.2	2652.0
-25°	8473.3	7455.7	6638.7	6106.9	5658.2	5271.5	4941.6	4619.0	4053.5	3198.3	2261.9
-27.5°	7257.5	6543.3	6106.9	5695.4	5337.3	5025.9	4720.8	4352.6	3592.7	2677.1	2182.7
-30°	6377.3	6004.5	5658.2	5337.3	5054.3	4772.3	4491.4	3827.7	3022.0	2248.1	2097.8
-32.5°	5808.6	5547.7	5271.5	5025.9	4772.3	4516.5	3946.6	3231.9	2391.4	2151.6	1993.2
-35°	5367.1	5156.3	4941.6	4720.8	4491.4	3946.6	3302.3	2528.6	2184.4	2044.5	1878.5
-37.5°	4987.5	4807.3	4619.0	4352.6	3827.7	3231.9	2528.6	2195.4	2070.4	1916.4	1741.4
-40°	4630.0	4469.3	4053.5	3592.7	3022.0	2391.4	2184.4	2070.4	1929.1	1771.4	1590.6
-42.5°	4007.7	3644.2	3198.3	2677.1	2248.1	2151.6	2044.5	1916.4	1771.4	1605.4	1439.4
-45°	3060.6	2652.0	2261.9	2182.7	2097.8	1993.2	1878.5	1741.4	1590.6	1439.4	1284.6
-47.5°	2226.9	2165.1	2097.3	2012.7	1917.4	1810.9	1682.0	1547.1	1411.6	1273.5	1155.9
-50°	2045.0	1976.3	1900.6	1813.9	1707.5	1594.1	1477.5	1356.6	1240.5	1134.1	1022.7
-52.5°	1828.9	1752.7	1668.8	1577.5	1482.4	1381.7	1276.9	1186.0	1090.9	989.7	883.9
-55°	1569.8	1502.3	1428.5	1348.0	1265.6	1190.6	1110.9	1025.8	935.2	840.5	744.0
-57.5°	1319.9	1263.7	1209.1	1149.5	1085.1	1014.8	939.5	859.9	777.5	691.7	605.7
-60°	1110.9	1065.9	1014.8	958.9	898.5	833.8	766.2	694.7	619.5	556.9	492.0
-62.5°	903.6	861.8	815.9	766.2	712.5	654.7	598.4	546.9	492.7	435.8	375.0
-65°	697.2	660.3	619.5	583.7	545.5	504.4	460.5	413.3	363.0	310.2	256.8
-67.5°	518.0	492.0	463.2	431.4	396.4	358.7	318.4	275.7	237.4	200.0	160.9
-70°	352.8	329.3	303.2	274.7	247.8	221.5	193.3	163.4	131.8	109.8	92.3
-72.5°	201.5	185.3	167.4	147.8	126.5	112.2	99.9	86.7	72.9	58.3	47.5
-75°	94.6	87.7	80.0	71.5	62.4	52.5	47.2	43.9	40.5	36.8	33.0
-77.5°	43.0	41.3	39.4	37.4	35.1	32.8	30.2	27.9	26.5	25.0	23.4
-80°	25.8	25.2	24.4	23.6	22.7	21.8	20.7	19.7	18.5	17.5	16.6
-82.5°	16.6	16.2	15.8	15.4	14.9	14.4	13.9	13.3	12.7	12.0	11.4
-85°	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.9
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	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: P1305919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	7.6	7.3	7.0	6.7	6.3	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	10.7	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.1	5.4
80°	15.6	14.7	13.7	12.6	11.5	10.5	9.8	9.1	8.4	7.6	6.9
77.5°	21.7	20.0	18.2	16.8	15.5	14.1	12.7	11.2	10.1	9.1	8.2
75°	29.0	26.6	24.5	22.3	20.0	17.7	16.0	14.3	12.5	10.7	9.5
72.5°	42.9	38.0	33.0	28.1	25.5	22.7	19.9	17.3	15.3	13.2	11.1
70°	74.1	55.1	45.3	39.4	33.3	27.8	24.6	21.3	18.0	15.6	13.2
67.5°	120.6	99.3	77.3	54.5	44.1	37.1	29.9	25.5	21.8	18.0	15.3
65°	211.5	164.5	118.5	93.2	67.3	46.9	38.9	30.8	25.5	21.3	17.3
62.5°	311.8	249.9	196.4	141.4	102.9	73.7	47.8	38.9	29.9	24.6	19.9
60°	424.2	352.8	279.1	215.8	154.3	106.1	73.7	46.9	37.1	27.8	22.7
57.5°	532.5	457.0	377.5	295.5	222.3	154.3	102.9	67.3	44.1	33.3	25.5
55°	644.1	557.1	473.2	385.8	295.5	215.8	141.4	93.2	54.5	39.4	28.1
52.5°	775.7	665.0	565.3	473.2	377.5	279.1	196.4	118.5	77.3	45.3	33.0
50°	905.7	786.3	665.0	557.1	457.0	352.8	249.9	164.5	99.3	55.1	38.0
47.5°	1033.8	905.7	775.7	644.1	532.5	424.2	311.8	211.5	120.6	74.1	42.9
45°	1155.9	1022.7	883.9	744.0	605.7	492.0	375.0	256.8	160.9	92.3	47.5
42.5°	1273.5	1134.1	989.7	840.5	691.7	556.9	435.8	310.2	200.0	109.8	58.3
40°	1411.6	1240.5	1090.9	935.2	777.5	619.5	492.7	363.0	237.4	131.8	72.9
37.5°	1547.1	1356.6	1186.0	1025.8	859.9	694.7	546.9	413.3	275.7	163.4	86.7
35°	1682.0	1477.5	1276.9	1110.9	939.5	766.2	598.4	460.5	318.4	193.3	99.9
32.5°	1810.9	1594.1	1381.7	1190.6	1014.8	833.8	654.7	504.4	358.7	221.5	112.2
30°	1917.4	1707.5	1482.4	1265.6	1085.1	898.5	712.5	545.5	396.4	247.8	126.5
27.5°	2012.7	1813.9	1577.5	1348.0	1149.5	958.9	766.2	583.7	431.4	274.7	147.8
25°	2097.3	1900.6	1668.8	1428.5	1209.1	1014.8	815.9	619.5	463.2	303.2	167.4
22.5°	2165.1	1976.3	1752.7	1502.3	1263.7	1065.9	861.8	660.3	492.0	329.3	185.3
20°	2226.9	2045.0	1828.9	1569.8	1319.9	1110.9	903.6	697.2	518.0	352.8	201.5
17.5°	2328.3	2101.5	1887.5	1632.2	1374.5	1151.0	940.9	730.0	541.1	373.6	215.8
15°	2626.1	2146.3	1937.1	1686.9	1422.3	1186.0	973.4	758.7	561.2	391.8	228.3
12.5°	2881.3	2184.6	1979.5	1733.5	1463.0	1215.9	1001.1	783.1	578.3	407.3	238.9
10°	3092.3	2216.3	2014.4	1772.0	1496.6	1240.5	1024.0	803.1	592.4	420.0	247.6
7.5°	3257.9	2241.1	2041.8	1802.1	1522.9	1259.8	1041.8	818.8	603.4	429.9	254.4
5°	3376.9	2258.9	2061.5	1823.7	1541.7	1273.5	1054.6	830.0	611.3	437.0	259.3
2.5°	3448.6	2269.6	2073.3	1836.7	1553.0	1281.8	1062.2	836.7	616.0	441.3	262.2
0°	3472.6	2273.2	2077.3	1841.0	1556.8	1284.6	1064.8	839.0	617.6	442.7	263.2
-2.5°	3448.6	2269.6	2073.3	1836.7	1553.0	1281.8	1062.2	836.7	616.0	441.3	262.2
-5°	3376.9	2258.9	2061.5	1823.7	1541.7	1273.5	1054.6	830.0	611.3	437.0	259.3
-7.5°	3257.9	2241.1	2041.8	1802.1	1522.9	1259.8	1041.8	818.8	603.4	429.9	254.4
-10°	3092.3	2216.3	2014.4	1772.0	1496.6	1240.5	1024.0	803.1	592.4	420.0	247.6
-12.5°	2881.3	2184.6	1979.5	1733.5	1463.0	1215.9	1001.1	783.1	578.3	407.3	238.9
-15°	2626.1	2146.3	1937.1	1686.9	1422.3	1186.0	973.4	758.7	561.2	391.8	228.3
-17.5°	2328.3	2101.5	1887.5	1632.2	1374.5	1151.0	940.9	730.0	541.1	373.6	215.8
-20°	2226.9	2045.0	1828.9	1569.8	1319.9	1110.9	903.6	697.2	518.0	352.8	201.5



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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°	2165.1	1976.3	1752.7	1502.3	1263.7	1065.9	861.8	660.3	492.0	329.3	185.3
-25°	2097.3	1900.6	1668.8	1428.5	1209.1	1014.8	815.9	619.5	463.2	303.2	167.4
-27.5°	2012.7	1813.9	1577.5	1348.0	1149.5	958.9	766.2	583.7	431.4	274.7	147.8
-30°	1917.4	1707.5	1482.4	1265.6	1085.1	898.5	712.5	545.5	396.4	247.8	126.5
-32.5°	1810.9	1594.1	1381.7	1190.6	1014.8	833.8	654.7	504.4	358.7	221.5	112.2
-35°	1682.0	1477.5	1276.9	1110.9	939.5	766.2	598.4	460.5	318.4	193.3	99.9
-37.5°	1547.1	1356.6	1186.0	1025.8	859.9	694.7	546.9	413.3	275.7	163.4	86.7
-40°	1411.6	1240.5	1090.9	935.2	777.5	619.5	492.7	363.0	237.4	131.8	72.9
-42.5°	1273.5	1134.1	989.7	840.5	691.7	556.9	435.8	310.2	200.0	109.8	58.3
-45°	1155.9	1022.7	883.9	744.0	605.7	492.0	375.0	256.8	160.9	92.3	47.5
-47.5°	1033.8	905.7	775.7	644.1	532.5	424.2	311.8	211.5	120.6	74.1	42.9
-50°	905.7	786.3	665.0	557.1	457.0	352.8	249.9	164.5	99.3	55.1	38.0
-52.5°	775.7	665.0	565.3	473.2	377.5	279.1	196.4	118.5	77.3	45.3	33.0
-55°	644.1	557.1	473.2	385.8	295.5	215.8	141.4	93.2	54.5	39.4	28.1
-57.5°	532.5	457.0	377.5	295.5	222.3	154.3	102.9	67.3	44.1	33.3	25.5
-60°	424.2	352.8	279.1	215.8	154.3	106.1	73.7	46.9	37.1	27.8	22.7
-62.5°	311.8	249.9	196.4	141.4	102.9	73.7	47.8	38.9	29.9	24.6	19.9
-65°	211.5	164.5	118.5	93.2	67.3	46.9	38.9	30.8	25.5	21.3	17.3
-67.5°	120.6	99.3	77.3	54.5	44.1	37.1	29.9	25.5	21.8	18.0	15.3
-70°	74.1	55.1	45.3	39.4	33.3	27.8	24.6	21.3	18.0	15.6	13.2
-72.5°	42.9	38.0	33.0	28.1	25.5	22.7	19.9	17.3	15.3	13.2	11.1
-75°	29.0	26.6	24.5	22.3	20.0	17.7	16.0	14.3	12.5	10.7	9.5
-77.5°	21.7	20.0	18.2	16.8	15.5	14.1	12.7	11.2	10.1	9.1	8.2
-80°	15.6	14.7	13.7	12.6	11.5	10.5	9.8	9.1	8.4	7.6	6.9
-82.5°	10.7	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.1	5.4
-85°	7.6	7.3	7.0	6.7	6.3	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	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):

	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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.1	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	7.3	6.3	5.2	3.9	2.6	1.3	0.0
75°	8.4	7.3	6.1	4.6	3.1	1.6	0.0
72.5°	9.5	8.2	6.9	5.4	3.6	1.8	0.0
70°	10.7	9.1	7.6	6.1	4.1	2.1	0.0
67.5°	12.5	10.1	8.4	6.7	4.6	2.3	0.0
65°	14.3	11.2	9.1	7.2	5.1	2.5	0.0
62.5°	16.0	12.7	9.8	7.7	5.5	2.8	0.0
60°	17.7	14.1	10.5	8.2	6.0	3.0	0.0
57.5°	20.0	15.5	11.5	8.7	6.3	3.2	0.0
55°	22.3	16.8	12.6	9.2	6.7	3.4	0.0
52.5°	24.5	18.2	13.7	9.7	7.0	3.7	0.0
50°	26.6	20.0	14.7	10.2	7.3	3.9	0.0
47.5°	29.0	21.7	15.6	10.7	7.6	4.1	0.0
45°	33.0	23.4	16.6	11.4	7.9	4.2	0.0
42.5°	36.8	25.0	17.5	12.0	8.1	4.4	0.0
40°	40.5	26.5	18.5	12.7	8.4	4.6	0.0
37.5°	43.9	27.9	19.7	13.3	8.6	4.8	0.0
35°	47.2	30.2	20.7	13.9	8.9	4.9	0.0
32.5°	52.5	32.8	21.8	14.4	9.1	5.1	0.0
30°	62.4	35.1	22.7	14.9	9.3	5.2	0.0
27.5°	71.5	37.4	23.6	15.4	9.5	5.3	0.0
25°	80.0	39.4	24.4	15.8	9.7	5.4	0.0
22.5°	87.7	41.3	25.2	16.2	9.8	5.5	0.0
20°	94.6	43.0	25.8	16.6	10.0	5.6	0.0
17.5°	100.8	44.5	26.4	16.9	10.1	5.7	0.0
15°	106.1	45.8	27.0	17.1	10.2	5.8	0.0
12.5°	110.7	46.9	27.4	17.4	10.3	5.9	0.0
10°	114.4	47.8	27.8	17.6	10.4	5.9	0.0
7.5°	117.3	48.5	28.0	17.7	10.4	5.9	0.0
5°	119.4	49.0	28.2	17.8	10.5	6.0	0.0
2.5°	120.7	49.3	28.4	17.9	10.5	6.0	0.0
0°	121.1	49.4	28.4	17.9	10.5	6.0	0.0
-2.5°	120.7	49.3	28.4	17.9	10.5	6.0	0.0
-5°	119.4	49.0	28.2	17.8	10.5	6.0	0.0
-7.5°	117.3	48.5	28.0	17.7	10.4	5.9	0.0
-10°	114.4	47.8	27.8	17.6	10.4	5.9	0.0
-12.5°	110.7	46.9	27.4	17.4	10.3	5.9	0.0
-15°	106.1	45.8	27.0	17.1	10.2	5.8	0.0
-17.5°	100.8	44.5	26.4	16.9	10.1	5.7	0.0
-20°	94.6	43.0	25.8	16.6	10.0	5.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	87.7	41.3	25.2	16.2	9.8	5.5	0.0
-25°	80.0	39.4	24.4	15.8	9.7	5.4	0.0
-27.5°	71.5	37.4	23.6	15.4	9.5	5.3	0.0
-30°	62.4	35.1	22.7	14.9	9.3	5.2	0.0
-32.5°	52.5	32.8	21.8	14.4	9.1	5.1	0.0
-35°	47.2	30.2	20.7	13.9	8.9	4.9	0.0
-37.5°	43.9	27.9	19.7	13.3	8.6	4.8	0.0
-40°	40.5	26.5	18.5	12.7	8.4	4.6	0.0
-42.5°	36.8	25.0	17.5	12.0	8.1	4.4	0.0
-45°	33.0	23.4	16.6	11.4	7.9	4.2	0.0
-47.5°	29.0	21.7	15.6	10.7	7.6	4.1	0.0
-50°	26.6	20.0	14.7	10.2	7.3	3.9	0.0
-52.5°	24.5	18.2	13.7	9.7	7.0	3.7	0.0
-55°	22.3	16.8	12.6	9.2	6.7	3.4	0.0
-57.5°	20.0	15.5	11.5	8.7	6.3	3.2	0.0
-60°	17.7	14.1	10.5	8.2	6.0	3.0	0.0
-62.5°	16.0	12.7	9.8	7.7	5.5	2.8	0.0
-65°	14.3	11.2	9.1	7.2	5.1	2.5	0.0
-67.5°	12.5	10.1	8.4	6.7	4.6	2.3	0.0
-70°	10.7	9.1	7.6	6.1	4.1	2.1	0.0
-72.5°	9.5	8.2	6.9	5.4	3.6	1.8	0.0
-75°	8.4	7.3	6.1	4.6	3.1	1.6	0.0
-77.5°	7.3	6.3	5.2	3.9	2.6	1.3	0.0
-80°	6.1	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)