

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: P1305908 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-4S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305908 (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-08-320N-57-70-4S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

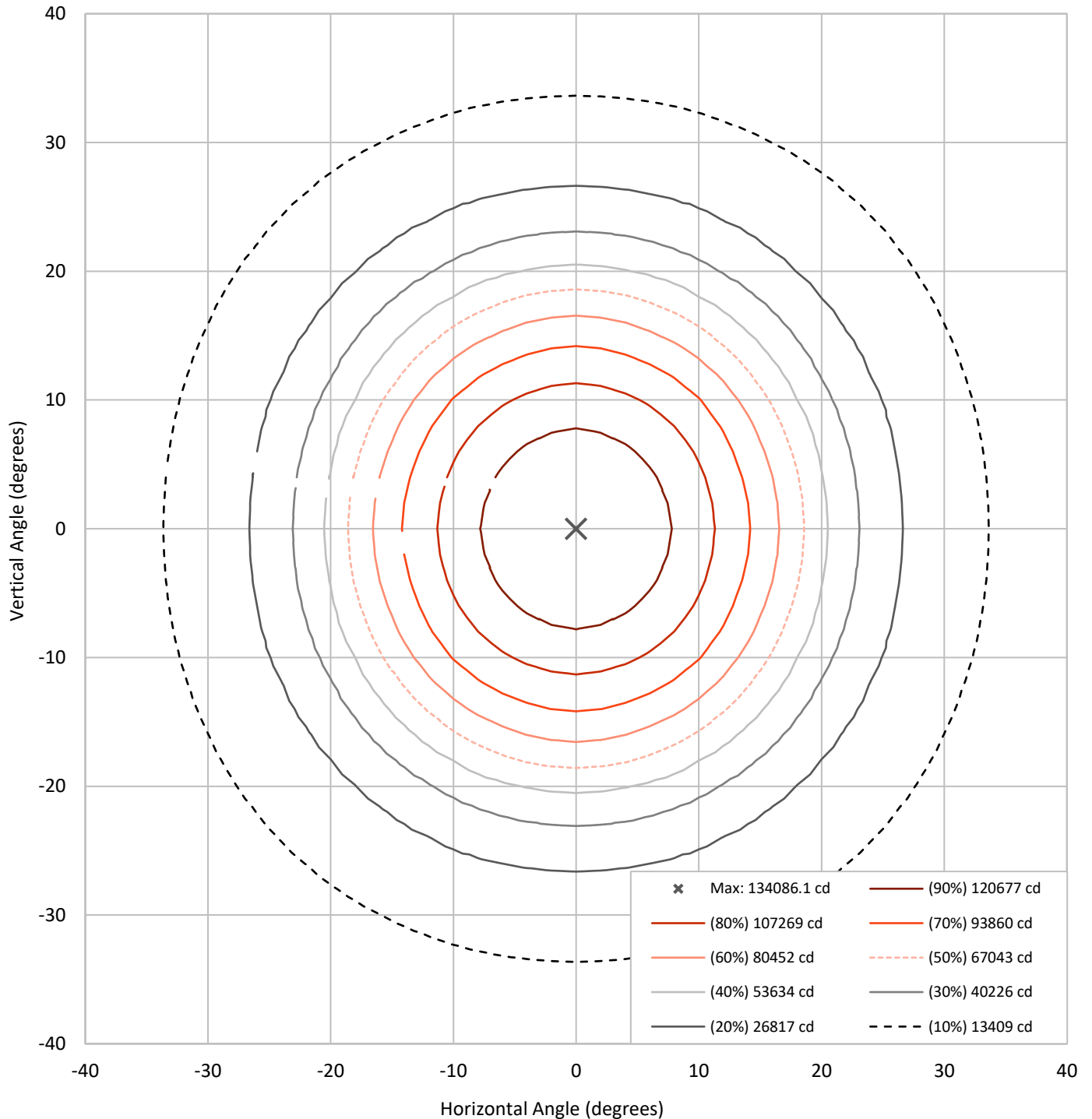
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	61922.2 lumens	Max Intensity:	134086.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	185.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	37.2°H x 37.2°V	Field Angle (10%):	67.2°H x 67.2°V
Beam Lumens:	32236.2 lumens	Field Lumens:	54151.3 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%

Input Watts (W): 334
Input Voltage (V): NR
Input Current (A_{in}): 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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CATALOG NUMBER: EPH-08-320N-57-70-4S-HEG-A

Iso-Candela Plot





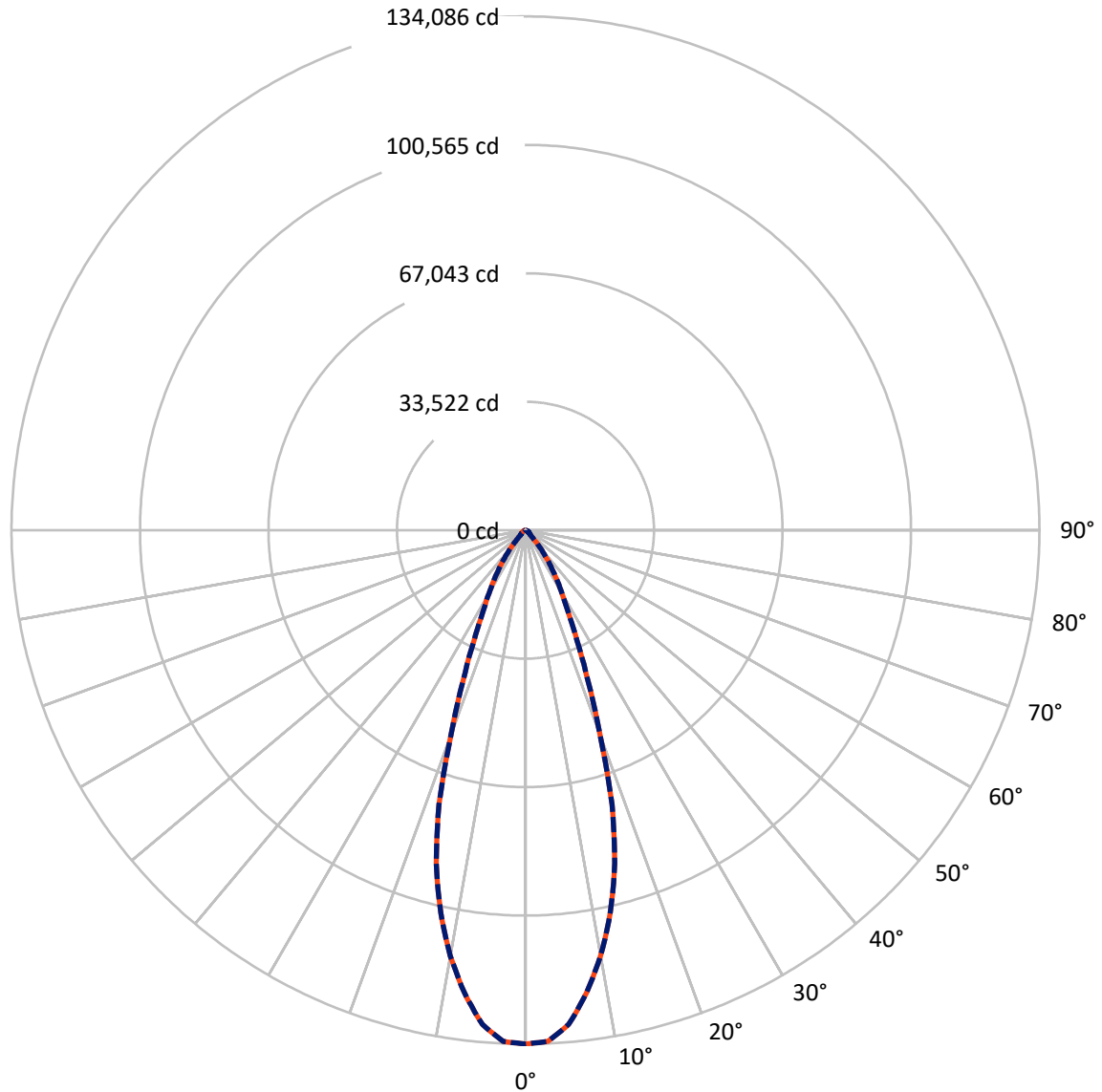
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Lumen Table

90	0.1	0.5		1.8		4.4		5.7		4.4		1.8		0.5		0.1			
80	0.1	0.5		1.8		4.4		5.7		4.4		1.8		0.5		0.1			
70	0.2	0.3	1.1	3.1	6.4	10.5	14.0	16.0	16.0	14.0	10.5	6.4	3.1	1.1	0.3	0.2			
60		0.8	3.7	10.0	18.3	25.7	31.2	34.2	34.2	31.2	25.7	18.3	10.0	3.7	0.8				
50	0.6	1.9	8.1	18.6	28.9	40.0	57.5	75.9	75.9	57.5	40.0	28.9	18.6	8.1	1.9	0.6			
40		3.4	12.9	25.0	43.3	116.5	246.5	341.9	341.9	246.5	116.5	43.3	25.0	12.9	3.4				
30	1.3	5.1	16.4	31.4	106.1	331.4	648.0	963.6	963.6	648.0	331.4	106.1	31.4	16.4	5.1	1.3			
20		6.3	18.7	42.6	211.1	610.2	1511.1	2480.6	2480.6	1511.1	610.2	211.1	42.6	18.7	6.3				
10	1.6	7.0	19.9	54.9	284.1	882.3	2410.5	3631.0	3631.0	2410.5	882.3	284.1	54.9	19.9	7.0	1.6			
0		7.0	19.9	54.9	284.1	882.3	2410.5	3631.0	3631.0	2410.5	882.3	284.1	54.9	19.9	7.0				
-10	1.3	6.3	18.7	42.6	211.1	610.2	1511.1	2480.6	2480.6	1511.1	610.2	211.1	42.6	18.7	6.3	1.3			
-20		5.1	16.4	31.4	106.1	331.4	648.0	963.6	963.6	648.0	331.4	106.1	31.4	16.4	5.1				
-30	0.6	3.4	12.9	25.0	43.3	116.5	246.5	341.9	341.9	246.5	116.5	43.3	25.0	12.9	3.4	0.6			
-40		1.9	8.1	18.6	28.9	40.0	57.5	75.9	75.9	57.5	40.0	28.9	18.6	8.1	1.9				
-50	0.2	0.8	3.7	10.0	18.3	25.7	31.2	34.2	34.2	31.2	25.7	18.3	10.0	3.7	0.8	0.2			
-60		0.3	1.1	3.1	6.4	10.5	14.0	16.0	16.0	14.0	10.5	6.4	3.1	1.1	0.3				
-70	0.1	0.5		1.8		4.4		5.7		4.4		1.8		0.5		0.1			
-80		0.5		1.8		4.4		5.7		4.4		1.8		0.5					
-90	0.1	0.5		1.8		4.4		5.7		4.4		1.8		0.5		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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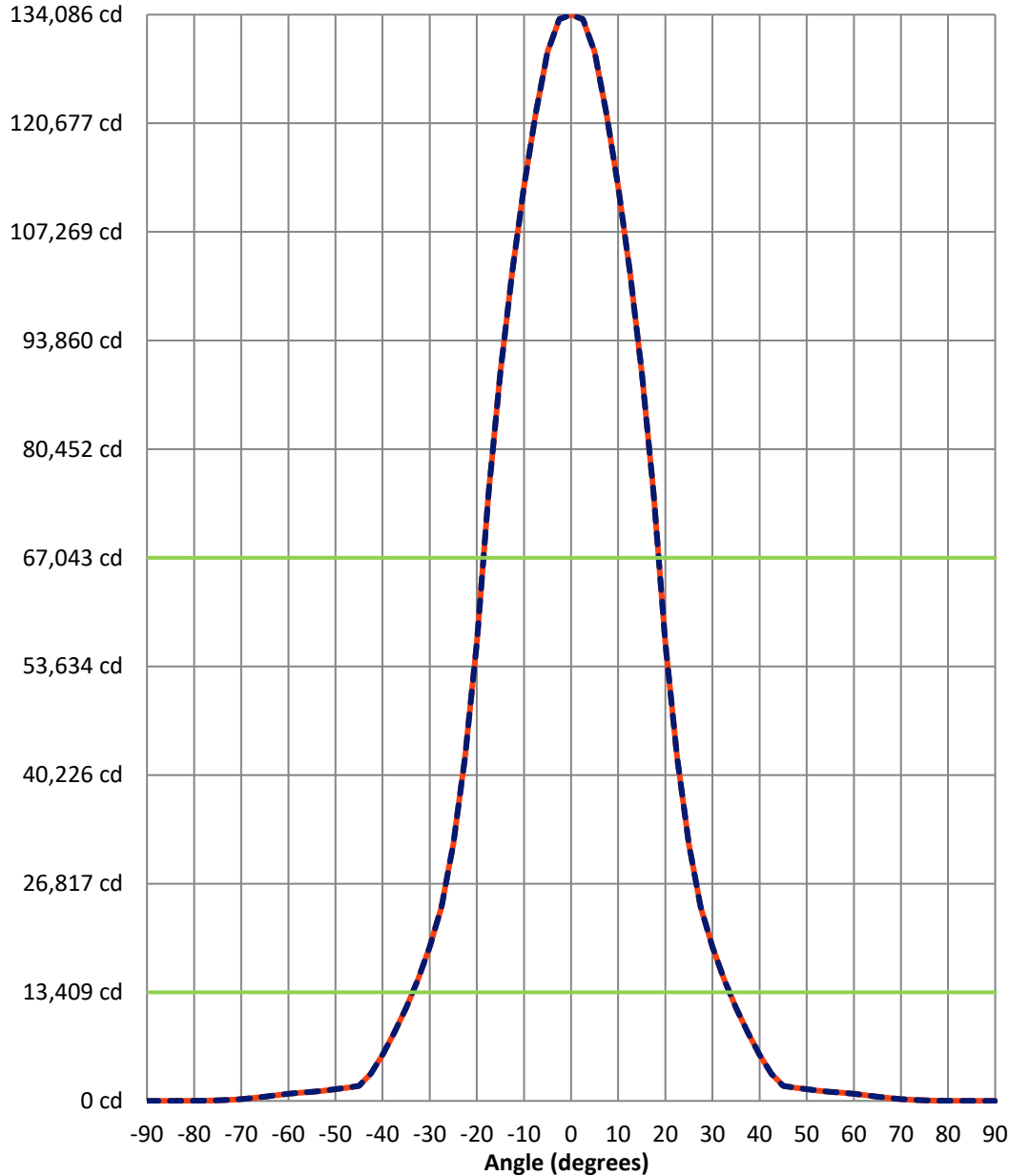
Luminous Intensity Polar Plot



— 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: 32236.2
 Efficiency: 52.1%

Field:
 H Angle: 67.2°
 V Angle: 67.2°
 Lumens: 54151.3
 Efficiency: 87.5%

Spill:
 Lumens: 7770.8
 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	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	3.9
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
77.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.7
75°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.4	7.6	8.8
72.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.6	8.0	9.5	10.9
70°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	8.0	9.7	11.3	13.0
67.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.6	9.5	11.3	13.2	15.1
65°	0.0	1.3	2.6	3.9	5.2	6.7	8.8	10.9	13.0	15.1	18.4
62.5°	0.0	1.4	2.9	4.3	5.7	7.7	10.0	12.3	14.6	17.7	24.8
60°	0.0	1.5	3.1	4.6	6.2	8.7	11.2	13.7	16.2	23.3	31.0
57.5°	0.0	1.7	3.3	5.0	6.9	9.6	12.3	15.0	20.4	28.8	43.0
55°	0.0	1.8	3.6	5.3	7.7	10.5	13.5	16.4	25.2	35.9	57.6
52.5°	0.0	1.9	3.8	5.7	8.4	11.4	14.6	20.1	29.8	48.6	71.7
50°	0.0	2.0	4.0	6.0	9.1	12.3	15.6	24.1	36.2	61.0	90.2
47.5°	0.0	2.1	4.2	6.3	9.7	13.2	17.0	27.9	46.8	72.9	108.6
45°	0.0	2.2	4.4	6.8	10.4	14.0	20.1	31.5	57.0	88.8	126.3
42.5°	0.0	2.3	4.6	7.3	11.0	14.8	23.1	38.0	66.9	104.1	153.7
40°	0.0	2.4	4.7	7.7	11.6	15.6	26.0	46.2	77.4	118.7	181.5
37.5°	0.0	2.5	4.9	8.1	12.2	16.3	28.7	53.9	89.8	135.4	208.1
35°	0.0	2.5	5.1	8.5	12.7	17.9	31.3	61.3	101.4	158.0	237.5
32.5°	0.0	2.6	5.2	8.9	13.2	19.9	34.7	68.2	112.5	179.3	271.6
30°	0.0	2.7	5.4	9.2	13.7	21.8	40.3	75.3	122.8	199.2	303.6
27.5°	0.0	2.7	5.5	9.6	14.1	23.6	45.4	83.6	134.9	217.7	333.4
25°	0.0	2.8	5.6	9.9	14.5	25.2	50.1	91.3	150.0	239.7	361.1
22.5°	0.0	2.9	5.7	10.1	14.9	26.6	54.5	98.3	163.7	262.0	391.3
20°	0.0	2.9	5.8	10.4	15.2	28.0	58.3	104.6	176.1	282.2	418.6
17.5°	0.0	3.0	5.9	10.6	15.5	29.1	61.8	110.2	187.2	300.2	442.9
15°	0.0	3.0	6.0	10.8	15.8	30.1	64.8	115.1	196.8	315.8	464.1
12.5°	0.0	3.0	6.1	10.9	16.0	31.0	67.4	119.3	205.0	329.2	482.2
10°	0.0	3.1	6.1	11.1	16.2	31.7	69.5	122.7	211.7	340.1	497.0
7.5°	0.0	3.1	6.1	11.2	16.3	32.3	71.1	125.4	216.9	348.7	508.6
5°	0.0	3.1	6.2	11.2	16.4	32.7	72.3	127.3	220.7	354.8	516.9
2.5°	0.0	3.1	6.2	11.3	16.5	32.9	73.0	128.4	222.9	358.5	521.9
0°	0.0	3.1	6.2	11.3	16.5	33.0	73.2	128.8	223.7	359.7	523.6
-2.5°	0.0	3.1	6.2	11.3	16.5	32.9	73.0	128.4	222.9	358.5	521.9
-5°	0.0	3.1	6.2	11.2	16.4	32.7	72.3	127.3	220.7	354.8	516.9
-7.5°	0.0	3.1	6.1	11.2	16.3	32.3	71.1	125.4	216.9	348.7	508.6
-10°	0.0	3.1	6.1	11.1	16.2	31.7	69.5	122.7	211.7	340.1	497.0
-12.5°	0.0	3.0	6.1	10.9	16.0	31.0	67.4	119.3	205.0	329.2	482.2
-15°	0.0	3.0	6.0	10.8	15.8	30.1	64.8	115.1	196.8	315.8	464.1
-17.5°	0.0	3.0	5.9	10.6	15.5	29.1	61.8	110.2	187.2	300.2	442.9
-20°	0.0	2.9	5.8	10.4	15.2	28.0	58.3	104.6	176.1	282.2	418.6



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 CATALOG NUMBER: EPH-08-320N-57-70-4S-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	2.9	5.7	10.1	14.9	26.6	54.5	98.3	163.7	262.0	391.3
-25°	0.0	2.8	5.6	9.9	14.5	25.2	50.1	91.3	150.0	239.7	361.1
-27.5°	0.0	2.7	5.5	9.6	14.1	23.6	45.4	83.6	134.9	217.7	333.4
-30°	0.0	2.7	5.4	9.2	13.7	21.8	40.3	75.3	122.8	199.2	303.6
-32.5°	0.0	2.6	5.2	8.9	13.2	19.9	34.7	68.2	112.5	179.3	271.6
-35°	0.0	2.5	5.1	8.5	12.7	17.9	31.3	61.3	101.4	158.0	237.5
-37.5°	0.0	2.5	4.9	8.1	12.2	16.3	28.7	53.9	89.8	135.4	208.1
-40°	0.0	2.4	4.7	7.7	11.6	15.6	26.0	46.2	77.4	118.7	181.5
-42.5°	0.0	2.3	4.6	7.3	11.0	14.8	23.1	38.0	66.9	104.1	153.7
-45°	0.0	2.2	4.4	6.8	10.4	14.0	20.1	31.5	57.0	88.8	126.3
-47.5°	0.0	2.1	4.2	6.3	9.7	13.2	17.0	27.9	46.8	72.9	108.6
-50°	0.0	2.0	4.0	6.0	9.1	12.3	15.6	24.1	36.2	61.0	90.2
-52.5°	0.0	1.9	3.8	5.7	8.4	11.4	14.6	20.1	29.8	48.6	71.7
-55°	0.0	1.8	3.6	5.3	7.7	10.5	13.5	16.4	25.2	35.9	57.6
-57.5°	0.0	1.7	3.3	5.0	6.9	9.6	12.3	15.0	20.4	28.8	43.0
-60°	0.0	1.5	3.1	4.6	6.2	8.7	11.2	13.7	16.2	23.3	31.0
-62.5°	0.0	1.4	2.9	4.3	5.7	7.7	10.0	12.3	14.6	17.7	24.8
-65°	0.0	1.3	2.6	3.9	5.2	6.7	8.8	10.9	13.0	15.1	18.4
-67.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.6	9.5	11.3	13.2	15.1
-70°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	8.0	9.7	11.3	13.0
-72.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.6	8.0	9.5	10.9
-75°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.4	7.6	8.8
-77.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.7
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	3.9
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	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):

	-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°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
85°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
82.5°	4.3	4.6	5.0	5.3	5.7	6.0	6.3	6.8	7.3	7.7	8.1
80°	5.7	6.2	6.9	7.7	8.4	9.1	9.7	10.4	11.0	11.6	12.2
77.5°	7.7	8.7	9.6	10.5	11.4	12.3	13.2	14.0	14.8	15.6	16.3
75°	10.0	11.2	12.3	13.5	14.6	15.6	17.0	20.1	23.1	26.0	28.7
72.5°	12.3	13.7	15.0	16.4	20.1	24.1	27.9	31.5	38.0	46.2	53.9
70°	14.6	16.2	20.4	25.2	29.8	36.2	46.8	57.0	66.9	77.4	89.8
67.5°	17.7	23.3	28.8	35.9	48.6	61.0	72.9	88.8	104.1	118.7	135.4
65°	24.8	31.0	43.0	57.6	71.7	90.2	108.6	126.3	153.7	181.5	208.1
62.5°	31.8	46.6	63.0	81.2	102.7	123.6	154.5	187.9	220.0	262.6	304.7
60°	46.6	64.8	86.2	110.2	137.2	176.1	213.9	262.0	312.5	361.1	416.8
57.5°	63.0	86.2	112.8	145.9	189.2	234.8	293.6	350.4	414.6	478.0	540.5
55°	81.2	110.2	145.9	193.6	247.5	312.6	379.3	453.3	524.8	601.3	674.6
52.5°	102.7	137.2	189.2	247.5	319.0	394.8	476.7	559.9	645.4	726.9	802.7
50°	123.6	176.1	234.8	312.6	394.8	484.6	577.5	672.1	761.4	846.2	916.7
47.5°	154.5	213.9	293.6	379.3	476.7	577.5	681.0	778.7	872.5	943.8	1010.5
45°	187.9	262.0	350.4	453.3	559.9	672.1	778.7	881.3	957.5	1027.7	1082.9
42.5°	220.0	312.5	414.6	524.8	645.4	761.4	872.5	957.5	1033.1	1093.9	1163.5
40°	262.6	361.1	478.0	601.3	726.9	846.2	943.8	1027.7	1093.9	1170.9	1253.5
37.5°	304.7	416.8	540.5	674.6	802.7	916.7	1010.5	1082.9	1163.5	1253.5	1375.0
35°	344.7	469.7	604.8	742.8	875.1	976.3	1061.2	1141.3	1238.4	1364.1	1489.5
32.5°	387.2	519.8	665.7	806.4	929.1	1029.0	1108.4	1208.4	1331.5	1469.6	1591.6
30°	429.9	571.7	722.3	866.2	978.7	1070.5	1164.1	1278.0	1427.5	1561.2	1712.5
27.5°	469.7	620.5	773.6	912.5	1022.9	1109.5	1219.8	1362.4	1511.1	1655.7	1839.5
25°	506.5	665.7	821.1	952.1	1056.3	1154.3	1277.5	1441.2	1586.8	1767.1	2449.1
22.5°	542.0	707.0	864.6	988.5	1087.1	1198.5	1344.9	1507.4	1668.1	1896.1	3145.0
20°	575.8	742.8	898.7	1020.1	1115.0	1238.7	1406.3	1566.8	1756.0	2489.9	4020.4
17.5°	605.9	774.8	925.6	1042.9	1146.6	1281.7	1460.4	1620.1	1835.2	3025.5	4923.0
15°	632.2	802.7	949.1	1062.9	1175.6	1326.2	1503.7	1682.0	2111.7	3575.2	5727.4
12.5°	654.7	826.6	969.1	1080.0	1200.4	1364.3	1540.7	1737.3	2487.6	4211.9	6543.0
10°	673.1	846.2	985.7	1094.1	1220.8	1395.8	1571.4	1783.1	2799.4	4740.8	7222.2
7.5°	687.5	861.5	998.6	1105.1	1236.9	1420.4	1595.4	1819.0	3044.6	5157.5	7758.2
5°	697.8	872.5	1007.9	1113.0	1248.4	1438.2	1612.7	1844.9	3221.3	5458.1	8145.3
2.5°	704.0	879.1	1013.4	1117.8	1255.3	1448.8	1623.1	1860.5	3327.9	5639.6	8379.4
0°	706.1	881.3	1015.3	1119.4	1257.6	1452.4	1626.6	1865.7	3363.5	5700.3	8457.7
-2.5°	704.0	879.1	1013.4	1117.8	1255.3	1448.8	1623.1	1860.5	3327.9	5639.6	8379.4
-5°	697.8	872.5	1007.9	1113.0	1248.4	1438.2	1612.7	1844.9	3221.3	5458.1	8145.3
-7.5°	687.5	861.5	998.6	1105.1	1236.9	1420.4	1595.4	1819.0	3044.6	5157.5	7758.2
-10°	673.1	846.2	985.7	1094.1	1220.8	1395.8	1571.4	1783.1	2799.4	4740.8	7222.2
-12.5°	654.7	826.6	969.1	1080.0	1200.4	1364.3	1540.7	1737.3	2487.6	4211.9	6543.0
-15°	632.2	802.7	949.1	1062.9	1175.6	1326.2	1503.7	1682.0	2111.7	3575.2	5727.4
-17.5°	605.9	774.8	925.6	1042.9	1146.6	1281.7	1460.4	1620.1	1835.2	3025.5	4923.0
-20°	575.8	742.8	898.7	1020.1	1115.0	1238.7	1406.3	1566.8	1756.0	2489.9	4020.4



REPORT NUMBER: P1305908 (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°	542.0	707.0	864.6	988.5	1087.1	1198.5	1344.9	1507.4	1668.1	1896.1	3145.0
-25°	506.5	665.7	821.1	952.1	1056.3	1154.3	1277.5	1441.2	1586.8	1767.1	2449.1
-27.5°	469.7	620.5	773.6	912.5	1022.9	1109.5	1219.8	1362.4	1511.1	1655.7	1839.5
-30°	429.9	571.7	722.3	866.2	978.7	1070.5	1164.1	1278.0	1427.5	1561.2	1712.5
-32.5°	387.2	519.8	665.7	806.4	929.1	1029.0	1108.4	1208.4	1331.5	1469.6	1591.6
-35°	344.7	469.7	604.8	742.8	875.1	976.3	1061.2	1141.3	1238.4	1364.1	1489.5
-37.5°	304.7	416.8	540.5	674.6	802.7	916.7	1010.5	1082.9	1163.5	1253.5	1375.0
-40°	262.6	361.1	478.0	601.3	726.9	846.2	943.8	1027.7	1093.9	1170.9	1253.5
-42.5°	220.0	312.5	414.6	524.8	645.4	761.4	872.5	957.5	1033.1	1093.9	1163.5
-45°	187.9	262.0	350.4	453.3	559.9	672.1	778.7	881.3	957.5	1027.7	1082.9
-47.5°	154.5	213.9	293.6	379.3	476.7	577.5	681.0	778.7	872.5	943.8	1010.5
-50°	123.6	176.1	234.8	312.6	394.8	484.6	577.5	672.1	761.4	846.2	916.7
-52.5°	102.7	137.2	189.2	247.5	319.0	394.8	476.7	559.9	645.4	726.9	802.7
-55°	81.2	110.2	145.9	193.6	247.5	312.6	379.3	453.3	524.8	601.3	674.6
-57.5°	63.0	86.2	112.8	145.9	189.2	234.8	293.6	350.4	414.6	478.0	540.5
-60°	46.6	64.8	86.2	110.2	137.2	176.1	213.9	262.0	312.5	361.1	416.8
-62.5°	31.8	46.6	63.0	81.2	102.7	123.6	154.5	187.9	220.0	262.6	304.7
-65°	24.8	31.0	43.0	57.6	71.7	90.2	108.6	126.3	153.7	181.5	208.1
-67.5°	17.7	23.3	28.8	35.9	48.6	61.0	72.9	88.8	104.1	118.7	135.4
-70°	14.6	16.2	20.4	25.2	29.8	36.2	46.8	57.0	66.9	77.4	89.8
-72.5°	12.3	13.7	15.0	16.4	20.1	24.1	27.9	31.5	38.0	46.2	53.9
-75°	10.0	11.2	12.3	13.5	14.6	15.6	17.0	20.1	23.1	26.0	28.7
-77.5°	7.7	8.7	9.6	10.5	11.4	12.3	13.2	14.0	14.8	15.6	16.3
-80°	5.7	6.2	6.9	7.7	8.4	9.1	9.7	10.4	11.0	11.6	12.2
-82.5°	4.3	4.6	5.0	5.3	5.7	6.0	6.3	6.8	7.3	7.7	8.1
-85°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
-87.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	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



REPORT NUMBER: P1305908 (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°
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°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
85°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1
82.5°	8.5	8.9	9.2	9.6	9.9	10.1	10.4	10.6	10.8	10.9	11.1
80°	12.7	13.2	13.7	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.2
77.5°	17.9	19.9	21.8	23.6	25.2	26.6	28.0	29.1	30.1	31.0	31.7
75°	31.3	34.7	40.3	45.4	50.1	54.5	58.3	61.8	64.8	67.4	69.5
72.5°	61.3	68.2	75.3	83.6	91.3	98.3	104.6	110.2	115.1	119.3	122.7
70°	101.4	112.5	122.8	134.9	150.0	163.7	176.1	187.2	196.8	205.0	211.7
67.5°	158.0	179.3	199.2	217.7	239.7	262.0	282.2	300.2	315.8	329.2	340.1
65°	237.5	271.6	303.6	333.4	361.1	391.3	418.6	442.9	464.1	482.2	497.0
62.5°	344.7	387.2	429.9	469.7	506.5	542.0	575.8	605.9	632.2	654.7	673.1
60°	469.7	519.8	571.7	620.5	665.7	707.0	742.8	774.8	802.7	826.6	846.2
57.5°	604.8	665.7	722.3	773.6	821.1	864.6	898.7	925.6	949.1	969.1	985.7
55°	742.8	806.4	866.2	912.5	952.1	988.5	1020.1	1042.9	1062.9	1080.0	1094.1
52.5°	875.1	929.1	978.7	1022.9	1056.3	1087.1	1115.0	1146.6	1175.6	1200.4	1220.8
50°	976.3	1029.0	1070.5	1109.5	1154.3	1198.5	1238.7	1281.7	1326.2	1364.3	1395.8
47.5°	1061.2	1108.4	1164.1	1219.8	1277.5	1344.9	1406.3	1460.4	1503.7	1540.7	1571.4
45°	1141.3	1208.4	1278.0	1362.4	1441.2	1507.4	1566.8	1620.1	1682.0	1737.3	1783.1
42.5°	1238.4	1331.5	1427.5	1511.1	1586.8	1668.1	1756.0	1835.2	2111.7	2487.6	2799.4
40°	1364.1	1469.6	1561.2	1655.7	1767.1	1896.1	2489.9	3025.5	3575.2	4211.9	4740.8
37.5°	1489.5	1591.6	1712.5	1839.5	2449.1	3145.0	4020.4	4923.0	5727.4	6543.0	7222.2
35°	1601.9	1741.2	1977.5	2825.4	3771.6	4936.4	6066.0	7216.0	8238.8	9192.3	10007.0
32.5°	1741.2	2070.3	3015.9	4228.9	5561.2	7009.1	8372.2	9730.9	10951.6	12087.8	13105.6
30°	1977.5	3015.9	4382.7	5910.1	7586.5	9235.0	10849.0	12446.3	13962.4	15336.7	16630.8
27.5°	2825.4	4228.9	5910.1	7780.9	9678.0	11541.5	13528.0	15416.7	17330.8	19009.7	20737.7
25°	3771.6	5561.2	7586.5	9678.0	11806.8	14079.3	16415.0	18709.5	21178.4	23416.7	26098.3
22.5°	4936.4	7009.1	9235.0	11541.5	14079.3	16752.5	19502.2	22524.5	26043.4	29892.7	33774.4
20°	6066.0	8372.2	10849.0	13528.0	16415.0	19502.2	22981.0	27550.6	32490.4	38375.5	43769.7
17.5°	7216.0	9730.9	12446.3	15416.7	18709.5	22524.5	27550.6	33615.2	40760.9	48727.6	56152.6
15°	8238.8	10951.6	13962.4	17330.8	21178.4	26043.4	32490.4	40760.9	50428.2	60776.1	71625.4
12.5°	9192.3	12087.8	15336.7	19009.7	23416.7	29892.7	38375.5	48727.6	60776.1	74260.5	84238.0
10°	10007.0	13105.6	16630.8	20737.7	26098.3	33774.4	43769.7	56152.6	71625.4	84238.0	94517.7
7.5°	10651.3	13912.9	17660.7	22120.1	28496.7	37484.2	49211.0	64026.1	79626.5	92264.3	102371.3
5°	11117.6	14498.4	18409.6	23128.9	30254.6	40219.1	53253.5	70038.7	85219.3	97768.5	107972.6
2.5°	11399.9	14853.4	18864.6	23743.2	31328.5	41896.9	55748.0	73779.3	88740.7	101146.0	111560.5
0°	11494.4	14972.3	19017.2	23949.5	31689.8	42462.7	56591.8	75050.3	89945.3	102265.9	112829.0
-2.5°	11399.9	14853.4	18864.6	23743.2	31328.5	41896.9	55748.0	73779.3	88740.7	101146.0	111560.5
-5°	11117.6	14498.4	18409.6	23128.9	30254.6	40219.1	53253.5	70038.7	85219.3	97768.5	107972.6
-7.5°	10651.3	13912.9	17660.7	22120.1	28496.7	37484.2	49211.0	64026.1	79626.5	92264.3	102371.3
-10°	10007.0	13105.6	16630.8	20737.7	26098.3	33774.4	43769.7	56152.6	71625.4	84238.0	94517.7
-12.5°	9192.3	12087.8	15336.7	19009.7	23416.7	29892.7	38375.5	48727.6	60776.1	74260.5	84238.0
-15°	8238.8	10951.6	13962.4	17330.8	21178.4	26043.4	32490.4	40760.9	50428.2	60776.1	71625.4
-17.5°	7216.0	9730.9	12446.3	15416.7	18709.5	22524.5	27550.6	33615.2	40760.9	48727.6	56152.6
-20°	6066.0	8372.2	10849.0	13528.0	16415.0	19502.2	22981.0	27550.6	32490.4	38375.5	43769.7



REPORT NUMBER: P1305908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4936.4	7009.1	9235.0	11541.5	14079.3	16752.5	19502.2	22524.5	26043.4	29892.7	33774.4
-25°	3771.6	5561.2	7586.5	9678.0	11806.8	14079.3	16415.0	18709.5	21178.4	23416.7	26098.3
-27.5°	2825.4	4228.9	5910.1	7780.9	9678.0	11541.5	13528.0	15416.7	17330.8	19009.7	20737.7
-30°	1977.5	3015.9	4382.7	5910.1	7586.5	9235.0	10849.0	12446.3	13962.4	15336.7	16630.8
-32.5°	1741.2	2070.3	3015.9	4228.9	5561.2	7009.1	8372.2	9730.9	10951.6	12087.8	13105.6
-35°	1601.9	1741.2	1977.5	2825.4	3771.6	4936.4	6066.0	7216.0	8238.8	9192.3	10007.0
-37.5°	1489.5	1591.6	1712.5	1839.5	2449.1	3145.0	4020.4	4923.0	5727.4	6543.0	7222.2
-40°	1364.1	1469.6	1561.2	1655.7	1767.1	1896.1	2489.9	3025.5	3575.2	4211.9	4740.8
-42.5°	1238.4	1331.5	1427.5	1511.1	1586.8	1668.1	1756.0	1835.2	2111.7	2487.6	2799.4
-45°	1141.3	1208.4	1278.0	1362.4	1441.2	1507.4	1566.8	1620.1	1682.0	1737.3	1783.1
-47.5°	1061.2	1108.4	1164.1	1219.8	1277.5	1344.9	1406.3	1460.4	1503.7	1540.7	1571.4
-50°	976.3	1029.0	1070.5	1109.5	1154.3	1198.5	1238.7	1281.7	1326.2	1364.3	1395.8
-52.5°	875.1	929.1	978.7	1022.9	1056.3	1087.1	1115.0	1146.6	1175.6	1200.4	1220.8
-55°	742.8	806.4	866.2	912.5	952.1	988.5	1020.1	1042.9	1062.9	1080.0	1094.1
-57.5°	604.8	665.7	722.3	773.6	821.1	864.6	898.7	925.6	949.1	969.1	985.7
-60°	469.7	519.8	571.7	620.5	665.7	707.0	742.8	774.8	802.7	826.6	846.2
-62.5°	344.7	387.2	429.9	469.7	506.5	542.0	575.8	605.9	632.2	654.7	673.1
-65°	237.5	271.6	303.6	333.4	361.1	391.3	418.6	442.9	464.1	482.2	497.0
-67.5°	158.0	179.3	199.2	217.7	239.7	262.0	282.2	300.2	315.8	329.2	340.1
-70°	101.4	112.5	122.8	134.9	150.0	163.7	176.1	187.2	196.8	205.0	211.7
-72.5°	61.3	68.2	75.3	83.6	91.3	98.3	104.6	110.2	115.1	119.3	122.7
-75°	31.3	34.7	40.3	45.4	50.1	54.5	58.3	61.8	64.8	67.4	69.5
-77.5°	17.9	19.9	21.8	23.6	25.2	26.6	28.0	29.1	30.1	31.0	31.7
-80°	12.7	13.2	13.7	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.2
-82.5°	8.5	8.9	9.2	9.6	9.9	10.1	10.4	10.6	10.8	10.9	11.1
-85°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1
-87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-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: P1305908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-4S-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
85°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
82.5°	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1	10.9	10.8	10.6
80°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.5
77.5°	32.3	32.7	32.9	33.0	32.9	32.7	32.3	31.7	31.0	30.1	29.1
75°	71.1	72.3	73.0	73.2	73.0	72.3	71.1	69.5	67.4	64.8	61.8
72.5°	125.4	127.3	128.4	128.8	128.4	127.3	125.4	122.7	119.3	115.1	110.2
70°	216.9	220.7	222.9	223.7	222.9	220.7	216.9	211.7	205.0	196.8	187.2
67.5°	348.7	354.8	358.5	359.7	358.5	354.8	348.7	340.1	329.2	315.8	300.2
65°	508.6	516.9	521.9	523.6	521.9	516.9	508.6	497.0	482.2	464.1	442.9
62.5°	687.5	697.8	704.0	706.1	704.0	697.8	687.5	673.1	654.7	632.2	605.9
60°	861.5	872.5	879.1	881.3	879.1	872.5	861.5	846.2	826.6	802.7	774.8
57.5°	998.6	1007.9	1013.4	1015.3	1013.4	1007.9	998.6	985.7	969.1	949.1	925.6
55°	1105.1	1113.0	1117.8	1119.4	1117.8	1113.0	1105.1	1094.1	1080.0	1062.9	1042.9
52.5°	1236.9	1248.4	1255.3	1257.6	1255.3	1248.4	1236.9	1220.8	1200.4	1175.6	1146.6
50°	1420.4	1438.2	1448.8	1452.4	1448.8	1438.2	1420.4	1395.8	1364.3	1326.2	1281.7
47.5°	1595.4	1612.7	1623.1	1626.6	1623.1	1612.7	1595.4	1571.4	1540.7	1503.7	1460.4
45°	1819.0	1844.9	1860.5	1865.7	1860.5	1844.9	1819.0	1783.1	1737.3	1682.0	1620.1
42.5°	3044.6	3221.3	3327.9	3363.5	3327.9	3221.3	3044.6	2799.4	2487.6	2111.7	1835.2
40°	5157.5	5458.1	5639.6	5700.3	5639.6	5458.1	5157.5	4740.8	4211.9	3575.2	3025.5
37.5°	7758.2	8145.3	8379.4	8457.7	8379.4	8145.3	7758.2	7222.2	6543.0	5727.4	4923.0
35°	10651.3	11117.6	11399.9	11494.4	11399.9	11117.6	10651.3	10007.0	9192.3	8238.8	7216.0
32.5°	13912.9	14498.4	14853.4	14972.3	14853.4	14498.4	13912.9	13105.6	12087.8	10951.6	9730.9
30°	17660.7	18409.6	18864.6	19017.2	18864.6	18409.6	17660.7	16630.8	15336.7	13962.4	12446.3
27.5°	22120.1	23128.9	23743.2	23949.5	23743.2	23128.9	22120.1	20737.7	19009.7	17330.8	15416.7
25°	28496.7	30254.6	31328.5	31689.8	31328.5	30254.6	28496.7	26098.3	23416.7	21178.4	18709.5
22.5°	37484.2	40219.1	41896.9	42462.7	41896.9	40219.1	37484.2	33774.4	29892.7	26043.4	22524.5
20°	49211.0	53253.5	55748.0	56591.8	55748.0	53253.5	49211.0	43769.7	38375.5	32490.4	27550.6
17.5°	64026.1	70038.7	73779.3	75050.3	73779.3	70038.7	64026.1	56152.6	48727.6	40760.9	33615.2
15°	79626.5	85219.3	88740.7	89945.3	88740.7	85219.3	79626.5	71625.4	60776.1	50428.2	40760.9
12.5°	92264.3	97768.5	101146.0	102265.9	101146.0	97768.5	92264.3	84238.0	74260.5	60776.1	48727.6
10°	102371.3	107972.6	111560.5	112829.0	111560.5	107972.6	102371.3	94517.7	84238.0	71625.4	56152.6
7.5°	110366.7	116688.9	120518.2	121881.0	120518.2	116688.9	110366.7	102371.3	92264.3	79626.5	64026.1
5°	116688.9	123345.0	127877.3	129472.2	127877.3	123345.0	116688.9	107972.6	97768.5	85219.3	70038.7
2.5°	120518.2	127877.3	132255.6	133513.5	132255.6	127877.3	120518.2	111560.5	101146.0	88740.7	73779.3
0°	121881.0	129472.2	133513.5	134086.1	133513.5	129472.2	121881.0	112829.0	102265.9	89945.3	75050.3
-2.5°	120518.2	127877.3	132255.6	133513.5	132255.6	127877.3	120518.2	111560.5	101146.0	88740.7	73779.3
-5°	116688.9	123345.0	127877.3	129472.2	127877.3	123345.0	116688.9	107972.6	97768.5	85219.3	70038.7
-7.5°	110366.7	116688.9	120518.2	121881.0	120518.2	116688.9	110366.7	102371.3	92264.3	79626.5	64026.1
-10°	102371.3	107972.6	111560.5	112829.0	111560.5	107972.6	102371.3	94517.7	84238.0	71625.4	56152.6
-12.5°	92264.3	97768.5	101146.0	102265.9	101146.0	97768.5	92264.3	84238.0	74260.5	60776.1	48727.6
-15°	79626.5	85219.3	88740.7	89945.3	88740.7	85219.3	79626.5	71625.4	60776.1	50428.2	40760.9
-17.5°	64026.1	70038.7	73779.3	75050.3	73779.3	70038.7	64026.1	56152.6	48727.6	40760.9	33615.2
-20°	49211.0	53253.5	55748.0	56591.8	55748.0	53253.5	49211.0	43769.7	38375.5	32490.4	27550.6



REPORT NUMBER: P1305908 (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°	37484.2	40219.1	41896.9	42462.7	41896.9	40219.1	37484.2	33774.4	29892.7	26043.4	22524.5
-25°	28496.7	30254.6	31328.5	31689.8	31328.5	30254.6	28496.7	26098.3	23416.7	21178.4	18709.5
-27.5°	22120.1	23128.9	23743.2	23949.5	23743.2	23128.9	22120.1	20737.7	19009.7	17330.8	15416.7
-30°	17660.7	18409.6	18864.6	19017.2	18864.6	18409.6	17660.7	16630.8	15336.7	13962.4	12446.3
-32.5°	13912.9	14498.4	14853.4	14972.3	14853.4	14498.4	13912.9	13105.6	12087.8	10951.6	9730.9
-35°	10651.3	11117.6	11399.9	11494.4	11399.9	11117.6	10651.3	10007.0	9192.3	8238.8	7216.0
-37.5°	7758.2	8145.3	8379.4	8457.7	8379.4	8145.3	7758.2	7222.2	6543.0	5727.4	4923.0
-40°	5157.5	5458.1	5639.6	5700.3	5639.6	5458.1	5157.5	4740.8	4211.9	3575.2	3025.5
-42.5°	3044.6	3221.3	3327.9	3363.5	3327.9	3221.3	3044.6	2799.4	2487.6	2111.7	1835.2
-45°	1819.0	1844.9	1860.5	1865.7	1860.5	1844.9	1819.0	1783.1	1737.3	1682.0	1620.1
-47.5°	1595.4	1612.7	1623.1	1626.6	1623.1	1612.7	1595.4	1571.4	1540.7	1503.7	1460.4
-50°	1420.4	1438.2	1448.8	1452.4	1448.8	1438.2	1420.4	1395.8	1364.3	1326.2	1281.7
-52.5°	1236.9	1248.4	1255.3	1257.6	1255.3	1248.4	1236.9	1220.8	1200.4	1175.6	1146.6
-55°	1105.1	1113.0	1117.8	1119.4	1117.8	1113.0	1105.1	1094.1	1080.0	1062.9	1042.9
-57.5°	998.6	1007.9	1013.4	1015.3	1013.4	1007.9	998.6	985.7	969.1	949.1	925.6
-60°	861.5	872.5	879.1	881.3	879.1	872.5	861.5	846.2	826.6	802.7	774.8
-62.5°	687.5	697.8	704.0	706.1	704.0	697.8	687.5	673.1	654.7	632.2	605.9
-65°	508.6	516.9	521.9	523.6	521.9	516.9	508.6	497.0	482.2	464.1	442.9
-67.5°	348.7	354.8	358.5	359.7	358.5	354.8	348.7	340.1	329.2	315.8	300.2
-70°	216.9	220.7	222.9	223.7	222.9	220.7	216.9	211.7	205.0	196.8	187.2
-72.5°	125.4	127.3	128.4	128.8	128.4	127.3	125.4	122.7	119.3	115.1	110.2
-75°	71.1	72.3	73.0	73.2	73.0	72.3	71.1	69.5	67.4	64.8	61.8
-77.5°	32.3	32.7	32.9	33.0	32.9	32.7	32.3	31.7	31.0	30.1	29.1
-80°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.5
-82.5°	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1	10.9	10.8	10.6
-85°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	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



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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°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
85°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
82.5°	10.4	10.1	9.9	9.6	9.2	8.9	8.5	8.1	7.7	7.3	6.8
80°	15.2	14.9	14.5	14.1	13.7	13.2	12.7	12.2	11.6	11.0	10.4
77.5°	28.0	26.6	25.2	23.6	21.8	19.9	17.9	16.3	15.6	14.8	14.0
75°	58.3	54.5	50.1	45.4	40.3	34.7	31.3	28.7	26.0	23.1	20.1
72.5°	104.6	98.3	91.3	83.6	75.3	68.2	61.3	53.9	46.2	38.0	31.5
70°	176.1	163.7	150.0	134.9	122.8	112.5	101.4	89.8	77.4	66.9	57.0
67.5°	282.2	262.0	239.7	217.7	199.2	179.3	158.0	135.4	118.7	104.1	88.8
65°	418.6	391.3	361.1	333.4	303.6	271.6	237.5	208.1	181.5	153.7	126.3
62.5°	575.8	542.0	506.5	469.7	429.9	387.2	344.7	304.7	262.6	220.0	187.9
60°	742.8	707.0	665.7	620.5	571.7	519.8	469.7	416.8	361.1	312.5	262.0
57.5°	898.7	864.6	821.1	773.6	722.3	665.7	604.8	540.5	478.0	414.6	350.4
55°	1020.1	988.5	952.1	912.5	866.2	806.4	742.8	674.6	601.3	524.8	453.3
52.5°	1115.0	1087.1	1056.3	1022.9	978.7	929.1	875.1	802.7	726.9	645.4	559.9
50°	1238.7	1198.5	1154.3	1109.5	1070.5	1029.0	976.3	916.7	846.2	761.4	672.1
47.5°	1406.3	1344.9	1277.5	1219.8	1164.1	1108.4	1061.2	1010.5	943.8	872.5	778.7
45°	1566.8	1507.4	1441.2	1362.4	1278.0	1208.4	1141.3	1082.9	1027.7	957.5	881.3
42.5°	1756.0	1668.1	1586.8	1511.1	1427.5	1331.5	1238.4	1163.5	1093.9	1033.1	957.5
40°	2489.9	1896.1	1767.1	1655.7	1561.2	1469.6	1364.1	1253.5	1170.9	1093.9	1027.7
37.5°	4020.4	3145.0	2449.1	1839.5	1712.5	1591.6	1489.5	1375.0	1253.5	1163.5	1082.9
35°	6066.0	4936.4	3771.6	2825.4	1977.5	1741.2	1601.9	1489.5	1364.1	1238.4	1141.3
32.5°	8372.2	7009.1	5561.2	4228.9	3015.9	2070.3	1741.2	1591.6	1469.6	1331.5	1208.4
30°	10849.0	9235.0	7586.5	5910.1	4382.7	3015.9	1977.5	1712.5	1561.2	1427.5	1278.0
27.5°	13528.0	11541.5	9678.0	7780.9	5910.1	4228.9	2825.4	1839.5	1655.7	1511.1	1362.4
25°	16415.0	14079.3	11806.8	9678.0	7586.5	5561.2	3771.6	2449.1	1767.1	1586.8	1441.2
22.5°	19502.2	16752.5	14079.3	11541.5	9235.0	7009.1	4936.4	3145.0	1896.1	1668.1	1507.4
20°	22981.0	19502.2	16415.0	13528.0	10849.0	8372.2	6066.0	4020.4	2489.9	1756.0	1566.8
17.5°	27550.6	22524.5	18709.5	15416.7	12446.3	9730.9	7216.0	4923.0	3025.5	1835.2	1620.1
15°	32490.4	26043.4	21178.4	17330.8	13962.4	10951.6	8238.8	5727.4	3575.2	2111.7	1682.0
12.5°	38375.5	29892.7	23416.7	19009.7	15336.7	12087.8	9192.3	6543.0	4211.9	2487.6	1737.3
10°	43769.7	33774.4	26098.3	20737.7	16630.8	13105.6	10007.0	7222.2	4740.8	2799.4	1783.1
7.5°	49211.0	37484.2	28496.7	22120.1	17660.7	13912.9	10651.3	7758.2	5157.5	3044.6	1819.0
5°	53253.5	40219.1	30254.6	23128.9	18409.6	14498.4	11117.6	8145.3	5458.1	3221.3	1844.9
2.5°	55748.0	41896.9	31328.5	23743.2	18864.6	14853.4	11399.9	8379.4	5639.6	3327.9	1860.5
0°	56591.8	42462.7	31689.8	23949.5	19017.2	14972.3	11494.4	8457.7	5700.3	3363.5	1865.7
-2.5°	55748.0	41896.9	31328.5	23743.2	18864.6	14853.4	11399.9	8379.4	5639.6	3327.9	1860.5
-5°	53253.5	40219.1	30254.6	23128.9	18409.6	14498.4	11117.6	8145.3	5458.1	3221.3	1844.9
-7.5°	49211.0	37484.2	28496.7	22120.1	17660.7	13912.9	10651.3	7758.2	5157.5	3044.6	1819.0
-10°	43769.7	33774.4	26098.3	20737.7	16630.8	13105.6	10007.0	7222.2	4740.8	2799.4	1783.1
-12.5°	38375.5	29892.7	23416.7	19009.7	15336.7	12087.8	9192.3	6543.0	4211.9	2487.6	1737.3
-15°	32490.4	26043.4	21178.4	17330.8	13962.4	10951.6	8238.8	5727.4	3575.2	2111.7	1682.0
-17.5°	27550.6	22524.5	18709.5	15416.7	12446.3	9730.9	7216.0	4923.0	3025.5	1835.2	1620.1
-20°	22981.0	19502.2	16415.0	13528.0	10849.0	8372.2	6066.0	4020.4	2489.9	1756.0	1566.8



REPORT NUMBER: P1305908 (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°	19502.2	16752.5	14079.3	11541.5	9235.0	7009.1	4936.4	3145.0	1896.1	1668.1	1507.4
-25°	16415.0	14079.3	11806.8	9678.0	7586.5	5561.2	3771.6	2449.1	1767.1	1586.8	1441.2
-27.5°	13528.0	11541.5	9678.0	7780.9	5910.1	4228.9	2825.4	1839.5	1655.7	1511.1	1362.4
-30°	10849.0	9235.0	7586.5	5910.1	4382.7	3015.9	1977.5	1712.5	1561.2	1427.5	1278.0
-32.5°	8372.2	7009.1	5561.2	4228.9	3015.9	2070.3	1741.2	1591.6	1469.6	1331.5	1208.4
-35°	6066.0	4936.4	3771.6	2825.4	1977.5	1741.2	1601.9	1489.5	1364.1	1238.4	1141.3
-37.5°	4020.4	3145.0	2449.1	1839.5	1712.5	1591.6	1489.5	1375.0	1253.5	1163.5	1082.9
-40°	2489.9	1896.1	1767.1	1655.7	1561.2	1469.6	1364.1	1253.5	1170.9	1093.9	1027.7
-42.5°	1756.0	1668.1	1586.8	1511.1	1427.5	1331.5	1238.4	1163.5	1093.9	1033.1	957.5
-45°	1566.8	1507.4	1441.2	1362.4	1278.0	1208.4	1141.3	1082.9	1027.7	957.5	881.3
-47.5°	1406.3	1344.9	1277.5	1219.8	1164.1	1108.4	1061.2	1010.5	943.8	872.5	778.7
-50°	1238.7	1198.5	1154.3	1109.5	1070.5	1029.0	976.3	916.7	846.2	761.4	672.1
-52.5°	1115.0	1087.1	1056.3	1022.9	978.7	929.1	875.1	802.7	726.9	645.4	559.9
-55°	1020.1	988.5	952.1	912.5	866.2	806.4	742.8	674.6	601.3	524.8	453.3
-57.5°	898.7	864.6	821.1	773.6	722.3	665.7	604.8	540.5	478.0	414.6	350.4
-60°	742.8	707.0	665.7	620.5	571.7	519.8	469.7	416.8	361.1	312.5	262.0
-62.5°	575.8	542.0	506.5	469.7	429.9	387.2	344.7	304.7	262.6	220.0	187.9
-65°	418.6	391.3	361.1	333.4	303.6	271.6	237.5	208.1	181.5	153.7	126.3
-67.5°	282.2	262.0	239.7	217.7	199.2	179.3	158.0	135.4	118.7	104.1	88.8
-70°	176.1	163.7	150.0	134.9	122.8	112.5	101.4	89.8	77.4	66.9	57.0
-72.5°	104.6	98.3	91.3	83.6	75.3	68.2	61.3	53.9	46.2	38.0	31.5
-75°	58.3	54.5	50.1	45.4	40.3	34.7	31.3	28.7	26.0	23.1	20.1
-77.5°	28.0	26.6	25.2	23.6	21.8	19.9	17.9	16.3	15.6	14.8	14.0
-80°	15.2	14.9	14.5	14.1	13.7	13.2	12.7	12.2	11.6	11.0	10.4
-82.5°	10.4	10.1	9.9	9.6	9.2	8.9	8.5	8.1	7.7	7.3	6.8
-85°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
-87.5°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
-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: P1305908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-4S-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°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	0.9
85°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
82.5°	6.3	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.6	3.2	2.8
80°	9.7	9.1	8.4	7.7	6.9	6.2	5.7	5.2	4.7	4.2	3.7
77.5°	13.2	12.3	11.4	10.5	9.6	8.7	7.7	6.7	5.9	5.3	4.6
75°	17.0	15.6	14.6	13.5	12.3	11.2	10.0	8.8	7.6	6.4	5.5
72.5°	27.9	24.1	20.1	16.4	15.0	13.7	12.3	10.9	9.5	8.0	6.6
70°	46.8	36.2	29.8	25.2	20.4	16.2	14.6	13.0	11.3	9.7	8.0
67.5°	72.9	61.0	48.6	35.9	28.8	23.3	17.7	15.1	13.2	11.3	9.5
65°	108.6	90.2	71.7	57.6	43.0	31.0	24.8	18.4	15.1	13.0	10.9
62.5°	154.5	123.6	102.7	81.2	63.0	46.6	31.8	24.8	17.7	14.6	12.3
60°	213.9	176.1	137.2	110.2	86.2	64.8	46.6	31.0	23.3	16.2	13.7
57.5°	293.6	234.8	189.2	145.9	112.8	86.2	63.0	43.0	28.8	20.4	15.0
55°	379.3	312.6	247.5	193.6	145.9	110.2	81.2	57.6	35.9	25.2	16.4
52.5°	476.7	394.8	319.0	247.5	189.2	137.2	102.7	71.7	48.6	29.8	20.1
50°	577.5	484.6	394.8	312.6	234.8	176.1	123.6	90.2	61.0	36.2	24.1
47.5°	681.0	577.5	476.7	379.3	293.6	213.9	154.5	108.6	72.9	46.8	27.9
45°	778.7	672.1	559.9	453.3	350.4	262.0	187.9	126.3	88.8	57.0	31.5
42.5°	872.5	761.4	645.4	524.8	414.6	312.5	220.0	153.7	104.1	66.9	38.0
40°	943.8	846.2	726.9	601.3	478.0	361.1	262.6	181.5	118.7	77.4	46.2
37.5°	1010.5	916.7	802.7	674.6	540.5	416.8	304.7	208.1	135.4	89.8	53.9
35°	1061.2	976.3	875.1	742.8	604.8	469.7	344.7	237.5	158.0	101.4	61.3
32.5°	1108.4	1029.0	929.1	806.4	665.7	519.8	387.2	271.6	179.3	112.5	68.2
30°	1164.1	1070.5	978.7	866.2	722.3	571.7	429.9	303.6	199.2	122.8	75.3
27.5°	1219.8	1109.5	1022.9	912.5	773.6	620.5	469.7	333.4	217.7	134.9	83.6
25°	1277.5	1154.3	1056.3	952.1	821.1	665.7	506.5	361.1	239.7	150.0	91.3
22.5°	1344.9	1198.5	1087.1	988.5	864.6	707.0	542.0	391.3	262.0	163.7	98.3
20°	1406.3	1238.7	1115.0	1020.1	898.7	742.8	575.8	418.6	282.2	176.1	104.6
17.5°	1460.4	1281.7	1146.6	1042.9	925.6	774.8	605.9	442.9	300.2	187.2	110.2
15°	1503.7	1326.2	1175.6	1062.9	949.1	802.7	632.2	464.1	315.8	196.8	115.1
12.5°	1540.7	1364.3	1200.4	1080.0	969.1	826.6	654.7	482.2	329.2	205.0	119.3
10°	1571.4	1395.8	1220.8	1094.1	985.7	846.2	673.1	497.0	340.1	211.7	122.7
7.5°	1595.4	1420.4	1236.9	1105.1	998.6	861.5	687.5	508.6	348.7	216.9	125.4
5°	1612.7	1438.2	1248.4	1113.0	1007.9	872.5	697.8	516.9	354.8	220.7	127.3
2.5°	1623.1	1448.8	1255.3	1117.8	1013.4	879.1	704.0	521.9	358.5	222.9	128.4
0°	1626.6	1452.4	1257.6	1119.4	1015.3	881.3	706.1	523.6	359.7	223.7	128.8
-2.5°	1623.1	1448.8	1255.3	1117.8	1013.4	879.1	704.0	521.9	358.5	222.9	128.4
-5°	1612.7	1438.2	1248.4	1113.0	1007.9	872.5	697.8	516.9	354.8	220.7	127.3
-7.5°	1595.4	1420.4	1236.9	1105.1	998.6	861.5	687.5	508.6	348.7	216.9	125.4
-10°	1571.4	1395.8	1220.8	1094.1	985.7	846.2	673.1	497.0	340.1	211.7	122.7
-12.5°	1540.7	1364.3	1200.4	1080.0	969.1	826.6	654.7	482.2	329.2	205.0	119.3
-15°	1503.7	1326.2	1175.6	1062.9	949.1	802.7	632.2	464.1	315.8	196.8	115.1
-17.5°	1460.4	1281.7	1146.6	1042.9	925.6	774.8	605.9	442.9	300.2	187.2	110.2
-20°	1406.3	1238.7	1115.0	1020.1	898.7	742.8	575.8	418.6	282.2	176.1	104.6



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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°	1344.9	1198.5	1087.1	988.5	864.6	707.0	542.0	391.3	262.0	163.7	98.3
-25°	1277.5	1154.3	1056.3	952.1	821.1	665.7	506.5	361.1	239.7	150.0	91.3
-27.5°	1219.8	1109.5	1022.9	912.5	773.6	620.5	469.7	333.4	217.7	134.9	83.6
-30°	1164.1	1070.5	978.7	866.2	722.3	571.7	429.9	303.6	199.2	122.8	75.3
-32.5°	1108.4	1029.0	929.1	806.4	665.7	519.8	387.2	271.6	179.3	112.5	68.2
-35°	1061.2	976.3	875.1	742.8	604.8	469.7	344.7	237.5	158.0	101.4	61.3
-37.5°	1010.5	916.7	802.7	674.6	540.5	416.8	304.7	208.1	135.4	89.8	53.9
-40°	943.8	846.2	726.9	601.3	478.0	361.1	262.6	181.5	118.7	77.4	46.2
-42.5°	872.5	761.4	645.4	524.8	414.6	312.5	220.0	153.7	104.1	66.9	38.0
-45°	778.7	672.1	559.9	453.3	350.4	262.0	187.9	126.3	88.8	57.0	31.5
-47.5°	681.0	577.5	476.7	379.3	293.6	213.9	154.5	108.6	72.9	46.8	27.9
-50°	577.5	484.6	394.8	312.6	234.8	176.1	123.6	90.2	61.0	36.2	24.1
-52.5°	476.7	394.8	319.0	247.5	189.2	137.2	102.7	71.7	48.6	29.8	20.1
-55°	379.3	312.6	247.5	193.6	145.9	110.2	81.2	57.6	35.9	25.2	16.4
-57.5°	293.6	234.8	189.2	145.9	112.8	86.2	63.0	43.0	28.8	20.4	15.0
-60°	213.9	176.1	137.2	110.2	86.2	64.8	46.6	31.0	23.3	16.2	13.7
-62.5°	154.5	123.6	102.7	81.2	63.0	46.6	31.8	24.8	17.7	14.6	12.3
-65°	108.6	90.2	71.7	57.6	43.0	31.0	24.8	18.4	15.1	13.0	10.9
-67.5°	72.9	61.0	48.6	35.9	28.8	23.3	17.7	15.1	13.2	11.3	9.5
-70°	46.8	36.2	29.8	25.2	20.4	16.2	14.6	13.0	11.3	9.7	8.0
-72.5°	27.9	24.1	20.1	16.4	15.0	13.7	12.3	10.9	9.5	8.0	6.6
-75°	17.0	15.6	14.6	13.5	12.3	11.2	10.0	8.8	7.6	6.4	5.5
-77.5°	13.2	12.3	11.4	10.5	9.6	8.7	7.7	6.7	5.9	5.3	4.6
-80°	9.7	9.1	8.4	7.7	6.9	6.2	5.7	5.2	4.7	4.2	3.7
-82.5°	6.3	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.6	3.2	2.8
-85°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
-87.5°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	0.9
-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°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
75°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
72.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
70°	6.4	5.3	4.2	3.2	2.1	1.1	0.0
67.5°	7.6	5.9	4.7	3.6	2.4	1.2	0.0
65°	8.8	6.7	5.2	3.9	2.6	1.3	0.0
62.5°	10.0	7.7	5.7	4.3	2.9	1.4	0.0
60°	11.2	8.7	6.2	4.6	3.1	1.5	0.0
57.5°	12.3	9.6	6.9	5.0	3.3	1.7	0.0
55°	13.5	10.5	7.7	5.3	3.6	1.8	0.0
52.5°	14.6	11.4	8.4	5.7	3.8	1.9	0.0
50°	15.6	12.3	9.1	6.0	4.0	2.0	0.0
47.5°	17.0	13.2	9.7	6.3	4.2	2.1	0.0
45°	20.1	14.0	10.4	6.8	4.4	2.2	0.0
42.5°	23.1	14.8	11.0	7.3	4.6	2.3	0.0
40°	26.0	15.6	11.6	7.7	4.7	2.4	0.0
37.5°	28.7	16.3	12.2	8.1	4.9	2.5	0.0
35°	31.3	17.9	12.7	8.5	5.1	2.5	0.0
32.5°	34.7	19.9	13.2	8.9	5.2	2.6	0.0
30°	40.3	21.8	13.7	9.2	5.4	2.7	0.0
27.5°	45.4	23.6	14.1	9.6	5.5	2.7	0.0
25°	50.1	25.2	14.5	9.9	5.6	2.8	0.0
22.5°	54.5	26.6	14.9	10.1	5.7	2.9	0.0
20°	58.3	28.0	15.2	10.4	5.8	2.9	0.0
17.5°	61.8	29.1	15.5	10.6	5.9	3.0	0.0
15°	64.8	30.1	15.8	10.8	6.0	3.0	0.0
12.5°	67.4	31.0	16.0	10.9	6.1	3.0	0.0
10°	69.5	31.7	16.2	11.1	6.1	3.1	0.0
7.5°	71.1	32.3	16.3	11.2	6.1	3.1	0.0
5°	72.3	32.7	16.4	11.2	6.2	3.1	0.0
2.5°	73.0	32.9	16.5	11.3	6.2	3.1	0.0
0°	73.2	33.0	16.5	11.3	6.2	3.1	0.0
-2.5°	73.0	32.9	16.5	11.3	6.2	3.1	0.0
-5°	72.3	32.7	16.4	11.2	6.2	3.1	0.0
-7.5°	71.1	32.3	16.3	11.2	6.1	3.1	0.0
-10°	69.5	31.7	16.2	11.1	6.1	3.1	0.0
-12.5°	67.4	31.0	16.0	10.9	6.1	3.0	0.0
-15°	64.8	30.1	15.8	10.8	6.0	3.0	0.0
-17.5°	61.8	29.1	15.5	10.6	5.9	3.0	0.0
-20°	58.3	28.0	15.2	10.4	5.8	2.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.5	26.6	14.9	10.1	5.7	2.9	0.0
-25°	50.1	25.2	14.5	9.9	5.6	2.8	0.0
-27.5°	45.4	23.6	14.1	9.6	5.5	2.7	0.0
-30°	40.3	21.8	13.7	9.2	5.4	2.7	0.0
-32.5°	34.7	19.9	13.2	8.9	5.2	2.6	0.0
-35°	31.3	17.9	12.7	8.5	5.1	2.5	0.0
-37.5°	28.7	16.3	12.2	8.1	4.9	2.5	0.0
-40°	26.0	15.6	11.6	7.7	4.7	2.4	0.0
-42.5°	23.1	14.8	11.0	7.3	4.6	2.3	0.0
-45°	20.1	14.0	10.4	6.8	4.4	2.2	0.0
-47.5°	17.0	13.2	9.7	6.3	4.2	2.1	0.0
-50°	15.6	12.3	9.1	6.0	4.0	2.0	0.0
-52.5°	14.6	11.4	8.4	5.7	3.8	1.9	0.0
-55°	13.5	10.5	7.7	5.3	3.6	1.8	0.0
-57.5°	12.3	9.6	6.9	5.0	3.3	1.7	0.0
-60°	11.2	8.7	6.2	4.6	3.1	1.5	0.0
-62.5°	10.0	7.7	5.7	4.3	2.9	1.4	0.0
-65°	8.8	6.7	5.2	3.9	2.6	1.3	0.0
-67.5°	7.6	5.9	4.7	3.6	2.4	1.2	0.0
-70°	6.4	5.3	4.2	3.2	2.1	1.1	0.0
-72.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-75°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-77.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-80°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)