

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: P1305977 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-1S-HEG-A**

Issue Date: 2/3/2026

Test Information

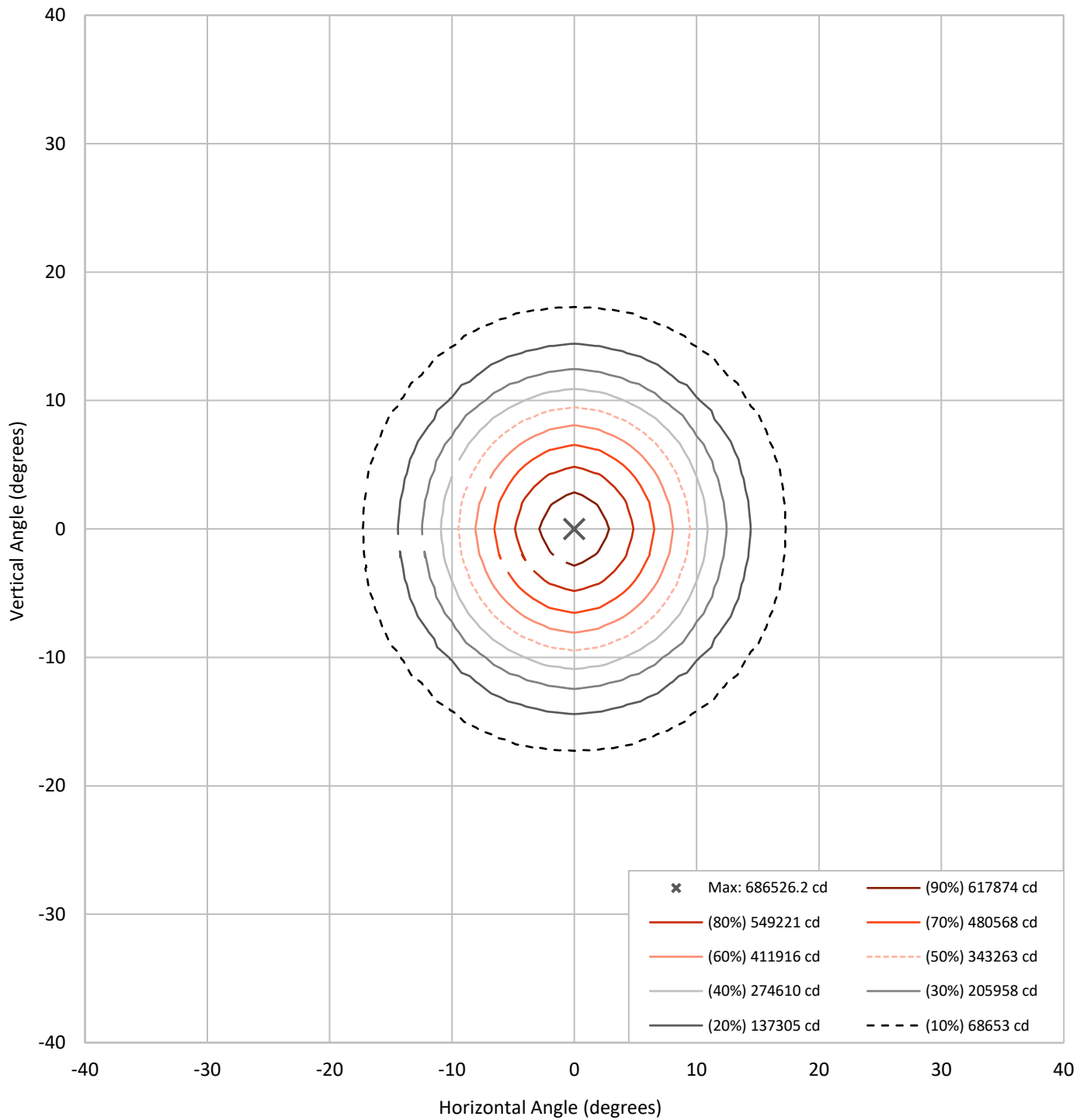
Test Method: LM-79-08
Report Number: P1305977 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-61)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-70-1S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	93000.7 lumens	Max Intensity:	686526.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 19°V	Field Angle (10%):	34.3°H x 34.3°V
Beam Lumens:	40084.5 lumens	Field Lumens:	73844.3 lumens
Beam Efficiency:	43.1%	Field Efficiency:	79.4%
Input Watts (W):	718		
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





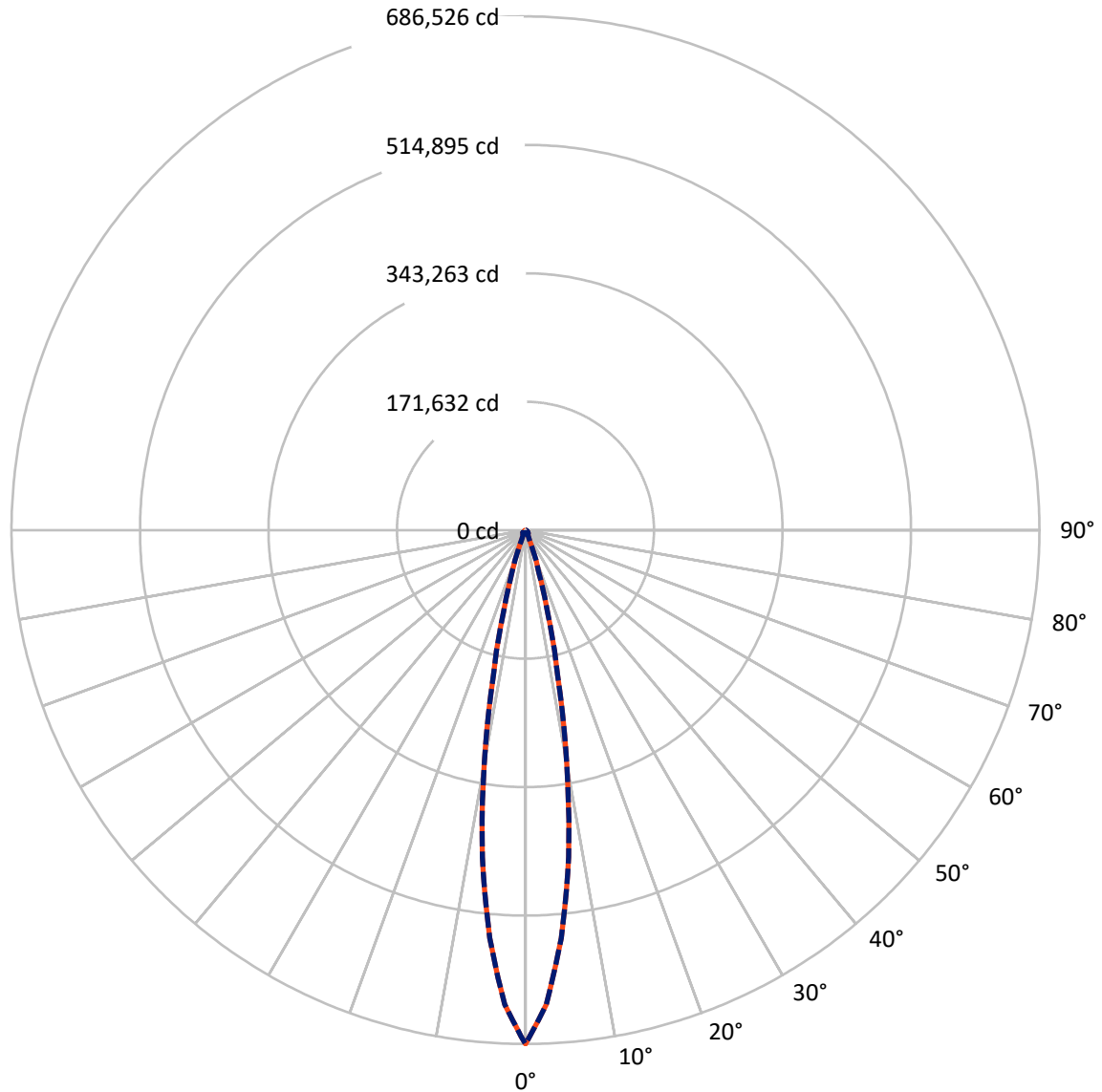
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Lumen Table

90	0.1	0.9		3.2		8.1		10.6		8.1		3.2		0.9		0.1			
80	0.1	0.9		3.2		8.1		10.6		8.1		3.2		0.9		0.1			
70	0.4	0.5	1.9	5.8	11.7	18.1	23.5	26.4	26.4	23.5	18.1	11.7	5.8	1.9	0.5	0.4			
60		1.5	6.8	16.8	29.0	39.2	45.8	49.4	49.4	45.8	39.2	29.0	16.8	6.8	1.5				
50	1.1	3.6	13.8	28.7	41.9	71.0	111.9	134.4	134.4	111.9	71.0	41.9	28.7	13.8	3.6	1.1			
40		6.2	20.5	36.3	85.8	146.8	162.2	162.5	162.5	162.2	146.8	85.8	36.3	20.5	6.2				
30	2.3	8.7	25.0	56.1	132.9	147.1	161.6	280.2	280.2	161.6	147.1	132.9	56.1	25.0	8.7	2.3			
20		10.6	27.4	83.1	137.5	151.9	888.1	3316.3	3316.3	888.1	151.9	137.5	83.1	27.4	10.6				
10	3.0	11.6	28.6	96.5	133.4	257.8	3235.9	12734.7	12734.7	3235.9	257.8	133.4	96.5	28.6	11.6	3.0			
0		11.6	28.6	96.5	133.4	257.8	3235.9	12734.7	12734.7	3235.9	257.8	133.4	96.5	28.6	11.6				
-10	2.3	10.6	27.4	83.1	137.5	151.9	888.1	3316.3	3316.3	888.1	151.9	137.5	83.1	27.4	10.6	2.3			
-20		8.7	25.0	56.1	132.9	147.1	161.6	280.2	280.2	161.6	147.1	132.9	56.1	25.0	8.7				
-30	1.1	6.2	20.5	36.3	85.8	146.8	162.2	162.5	162.5	162.2	146.8	85.8	36.3	20.5	6.2	1.1			
-40		3.6	13.8	28.7	41.9	71.0	111.9	134.4	134.4	111.9	71.0	41.9	28.7	13.8	3.6				
-50	0.4	1.5	6.8	16.8	29.0	39.2	45.8	49.4	49.4	45.8	39.2	29.0	16.8	6.8	1.5	0.4			
-60		0.5	1.9	5.8	11.7	18.1	23.5	26.4	26.4	23.5	18.1	11.7	5.8	1.9	0.5				
-70	0.1	0.9		3.2		8.1		10.6		8.1		3.2		0.9		0.1			
-80		0.9		3.2		8.1		10.6		8.1		3.2		0.9					
-90	0.1	0.9		3.2		8.1		10.6		8.1		3.2		0.9		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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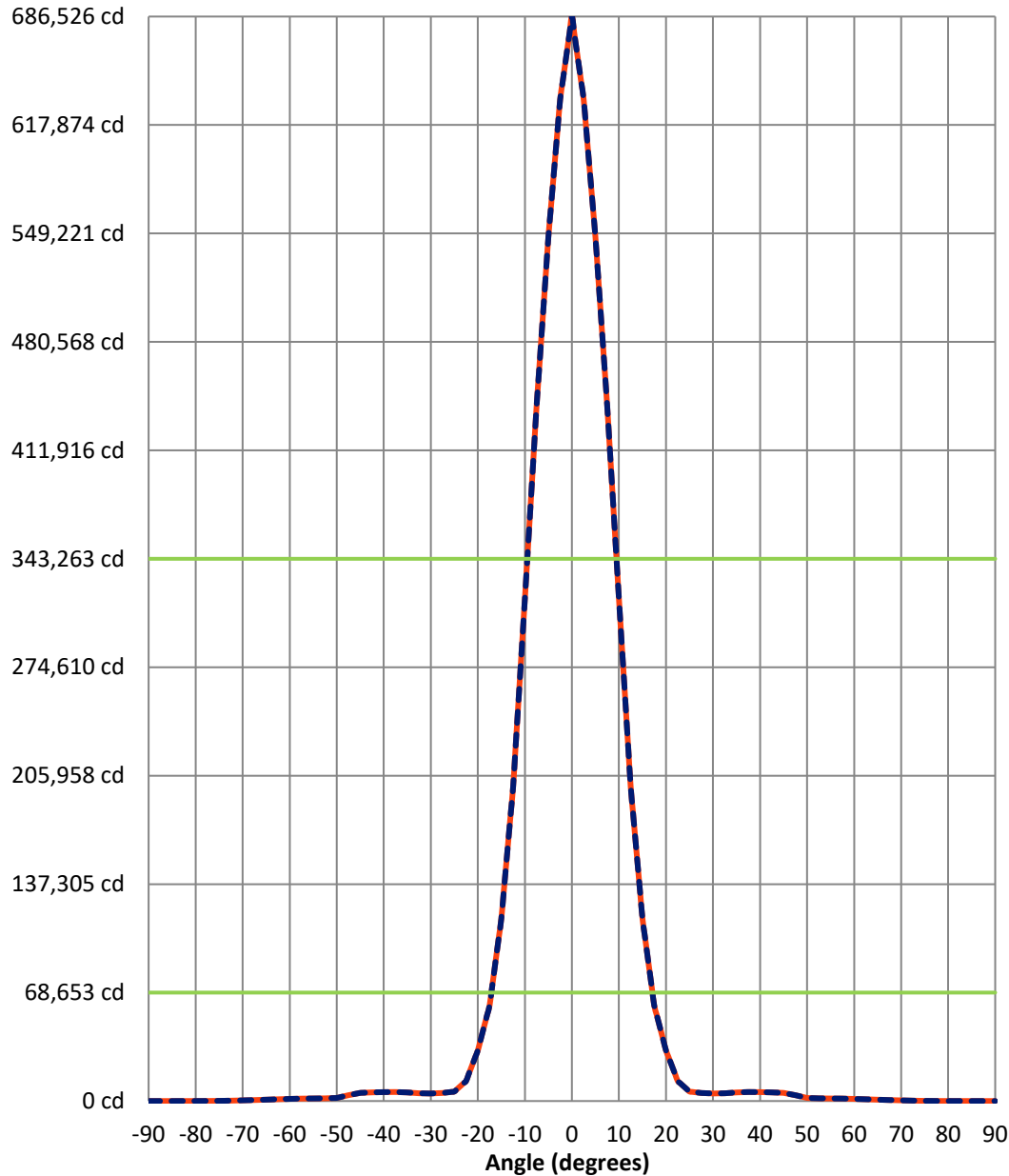
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 19°
V Angle: 19°
Lumens: 40084.5
Efficiency: 43.1%

Field:
H Angle: 34.3°
V Angle: 34.3°
Lumens: 73844.3
Efficiency: 79.4%

Spill:
Lumens: 19156.3
Efficiency: 20.6%

— 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	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.0	5.6
82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.7	7.3	7.9
80°	0.0	1.1	2.3	3.4	4.6	5.7	6.7	7.6	8.4	9.2	9.9
77.5°	0.0	1.4	2.9	4.3	5.7	7.0	8.0	9.0	10.0	11.0	12.5
75°	0.0	1.7	3.4	5.1	6.7	8.0	9.2	10.4	11.8	14.2	16.6
72.5°	0.0	2.0	4.0	5.9	7.6	9.0	10.4	12.2	15.1	17.9	20.6
70°	0.0	2.3	4.5	6.7	8.4	10.0	11.8	15.1	18.3	21.5	25.1
67.5°	0.0	2.5	5.0	7.3	9.2	11.0	14.2	17.9	21.5	25.6	29.7
65°	0.0	2.8	5.6	7.9	9.9	12.5	16.6	20.6	25.1	29.7	35.2
62.5°	0.0	3.0	6.1	8.5	10.7	14.4	18.9	23.6	28.7	34.3	42.8
60°	0.0	3.3	6.6	9.0	11.5	16.3	21.1	26.7	32.2	41.0	50.2
57.5°	0.0	3.5	7.0	9.6	12.9	18.1	23.7	29.7	37.5	47.6	69.0
55°	0.0	3.8	7.3	10.1	14.3	19.9	26.2	32.6	43.2	57.3	92.8
52.5°	0.0	4.0	7.7	10.6	15.7	21.7	28.6	37.2	48.8	78.2	116.0
50°	0.0	4.2	8.0	11.1	17.1	23.7	31.0	41.9	57.9	98.4	159.5
47.5°	0.0	4.5	8.3	11.7	18.4	25.6	33.5	46.5	75.2	118.0	204.1
45°	0.0	4.7	8.6	12.7	19.6	27.4	37.2	50.8	92.0	156.1	247.1
42.5°	0.0	4.9	8.9	13.6	20.8	29.1	40.8	60.7	108.0	193.3	301.0
40°	0.0	5.1	9.2	14.4	22.1	30.8	44.2	74.1	128.6	228.8	354.6
37.5°	0.0	5.2	9.5	15.2	23.3	32.4	47.5	86.9	158.5	265.9	405.8
35°	0.0	5.4	9.7	16.0	24.5	34.6	50.6	98.9	186.9	309.3	456.1
32.5°	0.0	5.6	10.0	16.7	25.6	37.0	55.5	110.3	213.6	350.2	506.4
30°	0.0	5.7	10.2	17.4	26.7	39.2	64.5	123.5	238.6	388.6	553.5
27.5°	0.0	5.9	10.4	18.0	27.7	41.3	72.9	143.7	264.9	424.2	597.4
25°	0.0	6.0	10.6	18.6	28.6	43.2	80.7	162.3	293.9	459.2	638.2
22.5°	0.0	6.1	10.8	19.1	29.4	45.0	87.7	179.3	320.4	492.2	682.8
20°	0.0	6.2	10.9	19.6	30.1	46.6	94.1	194.6	344.2	522.0	723.1
17.5°	0.0	6.3	11.0	20.0	30.8	48.0	99.7	208.2	365.5	548.4	758.9
15°	0.0	6.4	11.2	20.4	31.3	49.2	104.6	220.1	383.9	571.5	790.2
12.5°	0.0	6.4	11.3	20.7	31.8	50.2	108.8	230.1	399.7	591.2	816.8
10°	0.0	6.5	11.4	20.9	32.2	51.1	112.3	238.4	412.6	607.3	838.7
7.5°	0.0	6.5	11.4	21.1	32.5	51.7	114.9	244.9	422.7	619.9	855.8
5°	0.0	6.6	11.5	21.3	32.7	52.2	116.9	249.5	429.9	629.0	868.1
2.5°	0.0	6.6	11.5	21.4	32.9	52.5	118.0	252.3	434.3	634.4	875.4
0°	0.0	6.6	11.5	21.4	32.9	52.6	118.4	253.2	435.7	636.2	877.9
-2.5°	0.0	6.6	11.5	21.4	32.9	52.5	118.0	252.3	434.3	634.4	875.4
-5°	0.0	6.6	11.5	21.3	32.7	52.2	116.9	249.5	429.9	629.0	868.1
-7.5°	0.0	6.5	11.4	21.1	32.5	51.7	114.9	244.9	422.7	619.9	855.8
-10°	0.0	6.5	11.4	20.9	32.2	51.1	112.3	238.4	412.6	607.3	838.7
-12.5°	0.0	6.4	11.3	20.7	31.8	50.2	108.8	230.1	399.7	591.2	816.8
-15°	0.0	6.4	11.2	20.4	31.3	49.2	104.6	220.1	383.9	571.5	790.2
-17.5°	0.0	6.3	11.0	20.0	30.8	48.0	99.7	208.2	365.5	548.4	758.9
-20°	0.0	6.2	10.9	19.6	30.1	46.6	94.1	194.6	344.2	522.0	723.1



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 CATALOG NUMBER: EPH-08-680N-57-70-1S-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	6.1	10.8	19.1	29.4	45.0	87.7	179.3	320.4	492.2	682.8
-25°	0.0	6.0	10.6	18.6	28.6	43.2	80.7	162.3	293.9	459.2	638.2
-27.5°	0.0	5.9	10.4	18.0	27.7	41.3	72.9	143.7	264.9	424.2	597.4
-30°	0.0	5.7	10.2	17.4	26.7	39.2	64.5	123.5	238.6	388.6	553.5
-32.5°	0.0	5.6	10.0	16.7	25.6	37.0	55.5	110.3	213.6	350.2	506.4
-35°	0.0	5.4	9.7	16.0	24.5	34.6	50.6	98.9	186.9	309.3	456.1
-37.5°	0.0	5.2	9.5	15.2	23.3	32.4	47.5	86.9	158.5	265.9	405.8
-40°	0.0	5.1	9.2	14.4	22.1	30.8	44.2	74.1	128.6	228.8	354.6
-42.5°	0.0	4.9	8.9	13.6	20.8	29.1	40.8	60.7	108.0	193.3	301.0
-45°	0.0	4.7	8.6	12.7	19.6	27.4	37.2	50.8	92.0	156.1	247.1
-47.5°	0.0	4.5	8.3	11.7	18.4	25.6	33.5	46.5	75.2	118.0	204.1
-50°	0.0	4.2	8.0	11.1	17.1	23.7	31.0	41.9	57.9	98.4	159.5
-52.5°	0.0	4.0	7.7	10.6	15.7	21.7	28.6	37.2	48.8	78.2	116.0
-55°	0.0	3.8	7.3	10.1	14.3	19.9	26.2	32.6	43.2	57.3	92.8
-57.5°	0.0	3.5	7.0	9.6	12.9	18.1	23.7	29.7	37.5	47.6	69.0
-60°	0.0	3.3	6.6	9.0	11.5	16.3	21.1	26.7	32.2	41.0	50.2
-62.5°	0.0	3.0	6.1	8.5	10.7	14.4	18.9	23.6	28.7	34.3	42.8
-65°	0.0	2.8	5.6	7.9	9.9	12.5	16.6	20.6	25.1	29.7	35.2
-67.5°	0.0	2.5	5.0	7.3	9.2	11.0	14.2	17.9	21.5	25.6	29.7
-70°	0.0	2.3	4.5	6.7	8.4	10.0	11.8	15.1	18.3	21.5	25.1
-72.5°	0.0	2.0	4.0	5.9	7.6	9.0	10.4	12.2	15.1	17.9	20.6
-75°	0.0	1.7	3.4	5.1	6.7	8.0	9.2	10.4	11.8	14.2	16.6
-77.5°	0.0	1.4	2.9	4.3	5.7	7.0	8.0	9.0	10.0	11.0	12.5
-80°	0.0	1.1	2.3	3.4	4.6	5.7	6.7	7.6	8.4	9.2	9.9
-82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.7	7.3	7.9
-85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.0	5.6
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-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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 CATALOG NUMBER: EPH-08-680N-57-70-1S-HEG-A

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°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.2
85°	6.1	6.6	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.2	9.5
82.5°	8.5	9.0	9.6	10.1	10.6	11.1	11.7	12.7	13.6	14.4	15.2
80°	10.7	11.5	12.9	14.3	15.7	17.1	18.4	19.6	20.8	22.1	23.3
77.5°	14.4	16.3	18.1	19.9	21.7	23.7	25.6	27.4	29.1	30.8	32.4
75°	18.9	21.1	23.7	26.2	28.6	31.0	33.5	37.2	40.8	44.2	47.5
72.5°	23.6	26.7	29.7	32.6	37.2	41.9	46.5	50.8	60.7	74.1	86.9
70°	28.7	32.2	37.5	43.2	48.8	57.9	75.2	92.0	108.0	128.6	158.5
67.5°	34.3	41.0	47.6	57.3	78.2	98.4	118.0	156.1	193.3	228.8	265.9
65°	42.8	50.2	69.0	92.8	116.0	159.5	204.1	247.1	301.0	354.6	405.8
62.5°	51.1	74.9	101.7	137.7	189.9	240.6	302.6	366.8	428.7	493.0	555.2
60°	74.9	104.6	149.9	208.2	269.3	344.2	416.9	492.2	566.6	638.2	720.4
57.5°	101.7	149.9	214.4	286.0	369.4	452.1	538.7	622.5	717.1	810.7	901.0
55°	137.7	208.2	286.0	377.8	470.7	566.8	665.1	774.2	879.6	984.3	1084.6
52.5°	189.9	269.3	369.4	470.7	576.2	688.0	808.8	927.6	1044.7	1155.3	1255.7
50°	240.6	344.2	452.1	566.8	688.0	820.3	951.7	1081.2	1200.9	1313.1	1413.1
47.5°	302.6	416.9	538.7	665.1	808.8	951.7	1093.5	1223.9	1347.9	1454.0	1554.6
45°	366.8	492.2	622.5	774.2	927.6	1081.2	1223.9	1359.6	1474.6	1569.6	1604.5
42.5°	428.7	566.6	717.1	879.6	1044.7	1200.9	1347.9	1474.6	1573.1	1611.5	1655.9
40°	493.0	638.2	810.7	984.3	1155.3	1313.1	1454.0	1569.6	1611.5	1660.7	1713.7
37.5°	555.2	720.4	901.0	1084.6	1255.7	1413.1	1554.6	1604.5	1655.9	1713.7	1872.9
35°	614.1	798.4	989.1	1176.4	1351.4	1502.9	1590.8	1641.7	1704.0	1858.3	2344.4
32.5°	676.7	872.3	1072.4	1260.4	1431.8	1570.4	1620.6	1684.7	1814.9	2146.5	3358.5
30°	739.7	943.8	1149.2	1339.6	1506.5	1596.7	1656.3	1743.4	1942.9	3055.8	4231.8
27.5°	798.4	1010.6	1217.1	1406.7	1566.6	1621.3	1692.1	1856.0	2558.5	3883.6	5009.7
25°	852.7	1072.4	1279.9	1466.5	1587.7	1650.0	1742.8	1961.1	3310.1	4566.5	5289.5
22.5°	903.1	1128.9	1337.5	1521.3	1607.2	1678.4	1832.8	2522.3	3959.9	5176.6	5431.6
20°	949.4	1176.4	1385.8	1564.8	1624.8	1704.2	1914.6	3111.4	4498.5	5297.8	5528.0
17.5°	990.7	1218.7	1426.4	1579.3	1645.0	1748.5	2055.6	3640.6	4983.3	5407.2	5599.1
15°	1026.7	1255.7	1461.9	1591.9	1663.7	1807.8	2485.0	4045.2	5220.6	5492.9	5660.9
12.5°	1057.4	1287.2	1492.2	1602.7	1679.6	1858.6	2853.0	4383.8	5297.4	5543.0	5677.9
10°	1082.6	1313.1	1517.1	1611.6	1692.7	1900.6	3157.3	4664.2	5361.0	5584.7	5692.1
7.5°	1102.3	1333.4	1536.6	1618.6	1703.0	1933.5	3396.0	4884.4	5411.1	5617.5	5703.3
5°	1116.5	1347.9	1550.6	1623.6	1710.4	1957.1	3567.6	5042.9	5447.2	5641.2	5711.4
2.5°	1125.0	1356.7	1559.0	1626.6	1714.8	1971.3	3671.0	5138.5	5468.9	5655.5	5716.3
0°	1127.8	1359.6	1561.8	1627.6	1716.3	1976.1	3705.6	5170.4	5476.2	5660.3	5717.9
-2.5°	1125.0	1356.7	1559.0	1626.6	1714.8	1971.3	3671.0	5138.5	5468.9	5655.5	5716.3
-5°	1116.5	1347.9	1550.6	1623.6	1710.4	1957.1	3567.6	5042.9	5447.2	5641.2	5711.4
-7.5°	1102.3	1333.4	1536.6	1618.6	1703.0	1933.5	3396.0	4884.4	5411.1	5617.5	5703.3
-10°	1082.6	1313.1	1517.1	1611.6	1692.7	1900.6	3157.3	4664.2	5361.0	5584.7	5692.1
-12.5°	1057.4	1287.2	1492.2	1602.7	1679.6	1858.6	2853.0	4383.8	5297.4	5543.0	5677.9
-15°	1026.7	1255.7	1461.9	1591.9	1663.7	1807.8	2485.0	4045.2	5220.6	5492.9	5660.9
-17.5°	990.7	1218.7	1426.4	1579.3	1645.0	1748.5	2055.6	3640.6	4983.3	5407.2	5599.1
-20°	949.4	1176.4	1385.8	1564.8	1624.8	1704.2	1914.6	3111.4	4498.5	5297.8	5528.0



REPORT NUMBER: P1305977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	903.1	1128.9	1337.5	1521.3	1607.2	1678.4	1832.8	2522.3	3959.9	5176.6	5431.6
-25°	852.7	1072.4	1279.9	1466.5	1587.7	1650.0	1742.8	1961.1	3310.1	4566.5	5289.5
-27.5°	798.4	1010.6	1217.1	1406.7	1566.6	1621.3	1692.1	1856.0	2558.5	3883.6	5009.7
-30°	739.7	943.8	1149.2	1339.6	1506.5	1596.7	1656.3	1743.4	1942.9	3055.8	4231.8
-32.5°	676.7	872.3	1072.4	1260.4	1431.8	1570.4	1620.6	1684.7	1814.9	2146.5	3358.5
-35°	614.1	798.4	989.1	1176.4	1351.4	1502.9	1590.8	1641.7	1704.0	1858.3	2344.4
-37.5°	555.2	720.4	901.0	1084.6	1255.7	1413.1	1554.6	1604.5	1655.9	1713.7	1872.9
-40°	493.0	638.2	810.7	984.3	1155.3	1313.1	1454.0	1569.6	1611.5	1660.7	1713.7
-42.5°	428.7	566.6	717.1	879.6	1044.7	1200.9	1347.9	1474.6	1573.1	1611.5	1655.9
-45°	366.8	492.2	622.5	774.2	927.6	1081.2	1223.9	1359.6	1474.6	1569.6	1604.5
-47.5°	302.6	416.9	538.7	665.1	808.8	951.7	1093.5	1223.9	1347.9	1454.0	1554.6
-50°	240.6	344.2	452.1	566.8	688.0	820.3	951.7	1081.2	1200.9	1313.1	1413.1
-52.5°	189.9	269.3	369.4	470.7	576.2	688.0	808.8	927.6	1044.7	1155.3	1255.7
-55°	137.7	208.2	286.0	377.8	470.7	566.8	665.1	774.2	879.6	984.3	1084.6
-57.5°	101.7	149.9	214.4	286.0	369.4	452.1	538.7	622.5	717.1	810.7	901.0
-60°	74.9	104.6	149.9	208.2	269.3	344.2	416.9	492.2	566.6	638.2	720.4
-62.5°	51.1	74.9	101.7	137.7	189.9	240.6	302.6	366.8	428.7	493.0	555.2
-65°	42.8	50.2	69.0	92.8	116.0	159.5	204.1	247.1	301.0	354.6	405.8
-67.5°	34.3	41.0	47.6	57.3	78.2	98.4	118.0	156.1	193.3	228.8	265.9
-70°	28.7	32.2	37.5	43.2	48.8	57.9	75.2	92.0	108.0	128.6	158.5
-72.5°	23.6	26.7	29.7	32.6	37.2	41.9	46.5	50.8	60.7	74.1	86.9
-75°	18.9	21.1	23.7	26.2	28.6	31.0	33.5	37.2	40.8	44.2	47.5
-77.5°	14.4	16.3	18.1	19.9	21.7	23.7	25.6	27.4	29.1	30.8	32.4
-80°	10.7	11.5	12.9	14.3	15.7	17.1	18.4	19.6	20.8	22.1	23.3
-82.5°	8.5	9.0	9.6	10.1	10.6	11.1	11.7	12.7	13.6	14.4	15.2
-85°	6.1	6.6	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.2	9.5
-87.5°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.2
-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°	5.4	5.6	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5
85°	9.7	10.0	10.2	10.4	10.6	10.8	10.9	11.0	11.2	11.3	11.4
82.5°	16.0	16.7	17.4	18.0	18.6	19.1	19.6	20.0	20.4	20.7	20.9
80°	24.5	25.6	26.7	27.7	28.6	29.4	30.1	30.8	31.3	31.8	32.2
77.5°	34.6	37.0	39.2	41.3	43.2	45.0	46.6	48.0	49.2	50.2	51.1
75°	50.6	55.5	64.5	72.9	80.7	87.7	94.1	99.7	104.6	108.8	112.3
72.5°	98.9	110.3	123.5	143.7	162.3	179.3	194.6	208.2	220.1	230.1	238.4
70°	186.9	213.6	238.6	264.9	293.9	320.4	344.2	365.5	383.9	399.7	412.6
67.5°	309.3	350.2	388.6	424.2	459.2	492.2	522.0	548.4	571.5	591.2	607.3
65°	456.1	506.4	553.5	597.4	638.2	682.8	723.1	758.9	790.2	816.8	838.7
62.5°	614.1	676.7	739.7	798.4	852.7	903.1	949.4	990.7	1026.7	1057.4	1082.6
60°	798.4	872.3	943.8	1010.6	1072.4	1128.9	1176.4	1218.7	1255.7	1287.2	1313.1
57.5°	989.1	1072.4	1149.2	1217.1	1279.9	1337.5	1385.8	1426.4	1461.9	1492.2	1517.1
55°	1176.4	1260.4	1339.6	1406.7	1466.5	1521.3	1564.8	1579.3	1591.9	1602.7	1611.6
52.5°	1351.4	1431.8	1506.5	1566.6	1587.7	1607.2	1624.8	1645.0	1663.7	1679.6	1692.7
50°	1502.9	1570.4	1596.7	1621.3	1650.0	1678.4	1704.2	1748.5	1807.8	1858.6	1900.6
47.5°	1590.8	1620.6	1656.3	1692.1	1742.8	1832.8	1914.6	2055.6	2485.0	2853.0	3157.3
45°	1641.7	1684.7	1743.4	1856.0	1961.1	2522.3	3111.4	3640.6	4045.2	4383.8	4664.2
42.5°	1704.0	1814.9	1942.9	2558.5	3310.1	3959.9	4498.5	4983.3	5220.6	5297.4	5361.0
40°	1858.3	2146.5	3055.8	3883.6	4566.5	5176.6	5297.8	5407.2	5492.9	5543.0	5584.7
37.5°	2344.4	3358.5	4231.8	5009.7	5289.5	5431.6	5528.0	5599.1	5660.9	5677.9	5692.1
35°	3460.1	4407.9	5193.2	5366.3	5508.4	5600.1	5667.9	5692.0	5713.3	5652.3	5579.5
32.5°	4407.9	5212.2	5405.2	5544.4	5649.3	5687.6	5716.1	5604.2	5495.1	5357.4	5204.4
30°	5193.2	5405.2	5556.5	5664.7	5699.7	5648.5	5504.3	5303.5	5075.6	4911.8	4869.2
27.5°	5366.3	5544.4	5664.7	5703.8	5608.9	5439.5	5140.9	4909.2	4846.1	4790.8	4904.2
25°	5508.4	5649.3	5699.7	5608.9	5399.6	5058.0	4876.3	4800.7	4933.3	5081.0	5357.2
22.5°	5600.1	5687.6	5648.5	5439.5	5058.0	4865.2	4822.6	5022.1	5351.0	5782.7	7281.8
20°	5667.9	5716.1	5504.3	5140.9	4876.3	4822.6	5052.3	5520.0	6482.5	10145.9	14480.8
17.5°	5692.0	5604.2	5303.5	4909.2	4800.7	5022.1	5520.0	7182.7	11630.8	21273.7	31446.5
15°	5713.3	5495.1	5075.6	4846.1	4933.3	5351.0	6482.5	11630.8	23603.6	38498.5	55223.2
12.5°	5652.3	5357.4	4911.8	4790.8	5081.0	5782.7	10145.9	21273.7	38498.5	59285.3	94494.6
10°	5579.5	5204.4	4869.2	4904.2	5357.2	7281.8	14480.8	31446.5	55223.2	94494.6	142297.7
7.5°	5521.9	5083.0	4835.3	4995.4	5626.1	9591.1	21935.9	43508.6	77433.2	129145.4	199807.7
5°	5480.3	4995.0	4810.6	5062.0	5823.3	11293.5	27474.6	52777.3	98125.0	164121.1	258374.5
2.5°	5455.0	4941.7	4795.6	5102.6	5943.7	12337.9	30892.3	58543.6	111153.1	189338.4	302190.1
0°	5446.6	4923.8	4790.6	5116.2	5984.2	12690.1	32048.3	60502.8	115609.9	198906.9	317841.0
-2.5°	5455.0	4941.7	4795.6	5102.6	5943.7	12337.9	30892.3	58543.6	111153.1	189338.4	302190.1
-5°	5480.3	4995.0	4810.6	5062.0	5823.3	11293.5	27474.6	52777.3	98125.0	164121.1	258374.5
-7.5°	5521.9	5083.0	4835.3	4995.4	5626.1	9591.1	21935.9	43508.6	77433.2	129145.4	199807.7
-10°	5579.5	5204.4	4869.2	4904.2	5357.2	7281.8	14480.8	31446.5	55223.2	94494.6	142297.7
-12.5°	5652.3	5357.4	4911.8	4790.8	5081.0	5782.7	10145.9	21273.7	38498.5	59285.3	94494.6
-15°	5713.3	5495.1	5075.6	4846.1	4933.3	5351.0	6482.5	11630.8	23603.6	38498.5	55223.2
-17.5°	5692.0	5604.2	5303.5	4909.2	4800.7	5022.1	5520.0	7182.7	11630.8	21273.7	31446.5
-20°	5667.9	5716.1	5504.3	5140.9	4876.3	4822.6	5052.3	5520.0	6482.5	10145.9	14480.8



REPORT NUMBER: P1305977 (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°	5600.1	5687.6	5648.5	5439.5	5058.0	4865.2	4822.6	5022.1	5351.0	5782.7	7281.8
-25°	5508.4	5649.3	5699.7	5608.9	5399.6	5058.0	4876.3	4800.7	4933.3	5081.0	5357.2
-27.5°	5366.3	5544.4	5664.7	5703.8	5608.9	5439.5	5140.9	4909.2	4846.1	4790.8	4904.2
-30°	5193.2	5405.2	5556.5	5664.7	5699.7	5648.5	5504.3	5303.5	5075.6	4911.8	4869.2
-32.5°	4407.9	5212.2	5405.2	5544.4	5649.3	5687.6	5716.1	5604.2	5495.1	5357.4	5204.4
-35°	3460.1	4407.9	5193.2	5366.3	5508.4	5600.1	5667.9	5692.0	5713.3	5652.3	5579.5
-37.5°	2344.4	3358.5	4231.8	5009.7	5289.5	5431.6	5528.0	5599.1	5660.9	5677.9	5692.1
-40°	1858.3	2146.5	3055.8	3883.6	4566.5	5176.6	5297.8	5407.2	5492.9	5543.0	5584.7
-42.5°	1704.0	1814.9	1942.9	2558.5	3310.1	3959.9	4498.5	4983.3	5220.6	5297.4	5361.0
-45°	1641.7	1684.7	1743.4	1856.0	1961.1	2522.3	3111.4	3640.6	4045.2	4383.8	4664.2
-47.5°	1590.8	1620.6	1656.3	1692.1	1742.8	1832.8	1914.6	2055.6	2485.0	2853.0	3157.3
-50°	1502.9	1570.4	1596.7	1621.3	1650.0	1678.4	1704.2	1748.5	1807.8	1858.6	1900.6
-52.5°	1351.4	1431.8	1506.5	1566.6	1587.7	1607.2	1624.8	1645.0	1663.7	1679.6	1692.7
-55°	1176.4	1260.4	1339.6	1406.7	1466.5	1521.3	1564.8	1579.3	1591.9	1602.7	1611.6
-57.5°	989.1	1072.4	1149.2	1217.1	1279.9	1337.5	1385.8	1426.4	1461.9	1492.2	1517.1
-60°	798.4	872.3	943.8	1010.6	1072.4	1128.9	1176.4	1218.7	1255.7	1287.2	1313.1
-62.5°	614.1	676.7	739.7	798.4	852.7	903.1	949.4	990.7	1026.7	1057.4	1082.6
-65°	456.1	506.4	553.5	597.4	638.2	682.8	723.1	758.9	790.2	816.8	838.7
-67.5°	309.3	350.2	388.6	424.2	459.2	492.2	522.0	548.4	571.5	591.2	607.3
-70°	186.9	213.6	238.6	264.9	293.9	320.4	344.2	365.5	383.9	399.7	412.6
-72.5°	98.9	110.3	123.5	143.7	162.3	179.3	194.6	208.2	220.1	230.1	238.4
-75°	50.6	55.5	64.5	72.9	80.7	87.7	94.1	99.7	104.6	108.8	112.3
-77.5°	34.6	37.0	39.2	41.3	43.2	45.0	46.6	48.0	49.2	50.2	51.1
-80°	24.5	25.6	26.7	27.7	28.6	29.4	30.1	30.8	31.3	31.8	32.2
-82.5°	16.0	16.7	17.4	18.0	18.6	19.1	19.6	20.0	20.4	20.7	20.9
-85°	9.7	10.0	10.2	10.4	10.6	10.8	10.9	11.0	11.2	11.3	11.4
-87.5°	5.4	5.6	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5
-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: P1305977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-1S-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°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.3
85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.3	11.2	11.0
82.5°	21.1	21.3	21.4	21.4	21.4	21.3	21.1	20.9	20.7	20.4	20.0
80°	32.5	32.7	32.9	32.9	32.9	32.7	32.5	32.2	31.8	31.3	30.8
77.5°	51.7	52.2	52.5	52.6	52.5	52.2	51.7	51.1	50.2	49.2	48.0
75°	114.9	116.9	118.0	118.4	118.0	116.9	114.9	112.3	108.8	104.6	99.7
72.5°	244.9	249.5	252.3	253.2	252.3	249.5	244.9	238.4	230.1	220.1	208.2
70°	422.7	429.9	434.3	435.7	434.3	429.9	422.7	412.6	399.7	383.9	365.5
67.5°	619.9	629.0	634.4	636.2	634.4	629.0	619.9	607.3	591.2	571.5	548.4
65°	855.8	868.1	875.4	877.9	875.4	868.1	855.8	838.7	816.8	790.2	758.9
62.5°	1102.3	1116.5	1125.0	1127.8	1125.0	1116.5	1102.3	1082.6	1057.4	1026.7	990.7
60°	1333.4	1347.9	1356.7	1359.6	1356.7	1347.9	1333.4	1313.1	1287.2	1255.7	1218.7
57.5°	1536.6	1550.6	1559.0	1561.8	1559.0	1550.6	1536.6	1517.1	1492.2	1461.9	1426.4
55°	1618.6	1623.6	1626.6	1627.6	1626.6	1623.6	1618.6	1611.6	1602.7	1591.9	1579.3
52.5°	1703.0	1710.4	1714.8	1716.3	1714.8	1710.4	1703.0	1692.7	1679.6	1663.7	1645.0
50°	1933.5	1957.1	1971.3	1976.1	1971.3	1957.1	1933.5	1900.6	1858.6	1807.8	1748.5
47.5°	3396.0	3567.6	3671.0	3705.6	3671.0	3567.6	3396.0	3157.3	2853.0	2485.0	2055.6
45°	4884.4	5042.9	5138.5	5170.4	5138.5	5042.9	4884.4	4664.2	4383.8	4045.2	3640.6
42.5°	5411.1	5447.2	5468.9	5476.2	5468.9	5447.2	5411.1	5361.0	5297.4	5220.6	4983.3
40°	5617.5	5641.2	5655.5	5660.3	5655.5	5641.2	5617.5	5584.7	5543.0	5492.9	5407.2
37.5°	5703.3	5711.4	5716.3	5717.9	5716.3	5711.4	5703.3	5692.1	5677.9	5660.9	5599.1
35°	5521.9	5480.3	5455.0	5446.6	5455.0	5480.3	5521.9	5579.5	5652.3	5713.3	5692.0
32.5°	5083.0	4995.0	4941.7	4923.8	4941.7	4995.0	5083.0	5204.4	5357.4	5495.1	5604.2
30°	4835.3	4810.6	4795.6	4790.6	4795.6	4810.6	4835.3	4869.2	4911.8	5075.6	5303.5
27.5°	4995.4	5062.0	5102.6	5116.2	5102.6	5062.0	4995.4	4904.2	4790.8	4846.1	4909.2
25°	5626.1	5823.3	5943.7	5984.2	5943.7	5823.3	5626.1	5357.2	5081.0	4933.3	4800.7
22.5°	9591.1	11293.5	12337.9	12690.1	12337.9	11293.5	9591.1	7281.8	5782.7	5351.0	5022.1
20°	21935.9	27474.6	30892.3	32048.3	30892.3	27474.6	21935.9	14480.8	10145.9	6482.5	5520.0
17.5°	43508.6	52777.3	58543.6	60502.8	58543.6	52777.3	43508.6	31446.5	21273.7	11630.8	7182.7
15°	77433.2	98125.0	111153.1	115609.9	111153.1	98125.0	77433.2	55223.2	38498.5	23603.6	11630.8
12.5°	129145.4	164121.1	189338.4	198906.9	189338.4	164121.1	129145.4	94494.6	59285.3	38498.5	21273.7
10°	199807.7	258374.5	302190.1	317841.0	302190.1	258374.5	199807.7	142297.7	94494.6	55223.2	31446.5
7.5°	287461.0	366176.9	421487.2	440318.8	421487.2	366176.9	287461.0	199807.7	129145.4	77433.2	43508.6
5°	366176.9	460550.3	523673.1	547023.9	523673.1	460550.3	366176.9	258374.5	164121.1	98125.0	52777.3
2.5°	421487.2	523673.1	598573.1	634088.1	598573.1	523673.1	421487.2	302190.1	189338.4	111153.1	58543.6
0°	440318.8	547023.9	634088.1	686526.2	634088.1	547023.9	440318.8	317841.0	198906.9	115609.9	60502.8
-2.5°	421487.2	523673.1	598573.1	634088.1	598573.1	523673.1	421487.2	302190.1	189338.4	111153.1	58543.6
-5°	366176.9	460550.3	523673.1	547023.9	523673.1	460550.3	366176.9	258374.5	164121.1	98125.0	52777.3
-7.5°	287461.0	366176.9	421487.2	440318.8	421487.2	366176.9	287461.0	199807.7	129145.4	77433.2	43508.6
-10°	199807.7	258374.5	302190.1	317841.0	302190.1	258374.5	199807.7	142297.7	94494.6	55223.2	31446.5
-12.5°	129145.4	164121.1	189338.4	198906.9	189338.4	164121.1	129145.4	94494.6	59285.3	38498.5	21273.7
-15°	77433.2	98125.0	111153.1	115609.9	111153.1	98125.0	77433.2	55223.2	38498.5	23603.6	11630.8
-17.5°	43508.6	52777.3	58543.6	60502.8	58543.6	52777.3	43508.6	31446.5	21273.7	11630.8	7182.7
-20°	21935.9	27474.6	30892.3	32048.3	30892.3	27474.6	21935.9	14480.8	10145.9	6482.5	5520.0



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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°	9591.1	11293.5	12337.9	12690.1	12337.9	11293.5	9591.1	7281.8	5782.7	5351.0	5022.1
-25°	5626.1	5823.3	5943.7	5984.2	5943.7	5823.3	5626.1	5357.2	5081.0	4933.3	4800.7
-27.5°	4995.4	5062.0	5102.6	5116.2	5102.6	5062.0	4995.4	4904.2	4790.8	4846.1	4909.2
-30°	4835.3	4810.6	4795.6	4790.6	4795.6	4810.6	4835.3	4869.2	4911.8	5075.6	5303.5
-32.5°	5083.0	4995.0	4941.7	4923.8	4941.7	4995.0	5083.0	5204.4	5357.4	5495.1	5604.2
-35°	5521.9	5480.3	5455.0	5446.6	5455.0	5480.3	5521.9	5579.5	5652.3	5713.3	5692.0
-37.5°	5703.3	5711.4	5716.3	5717.9	5716.3	5711.4	5703.3	5692.1	5677.9	5660.9	5599.1
-40°	5617.5	5641.2	5655.5	5660.3	5655.5	5641.2	5617.5	5584.7	5543.0	5492.9	5407.2
-42.5°	5411.1	5447.2	5468.9	5476.2	5468.9	5447.2	5411.1	5361.0	5297.4	5220.6	4983.3
-45°	4884.4	5042.9	5138.5	5170.4	5138.5	5042.9	4884.4	4664.2	4383.8	4045.2	3640.6
-47.5°	3396.0	3567.6	3671.0	3705.6	3671.0	3567.6	3396.0	3157.3	2853.0	2485.0	2055.6
-50°	1933.5	1957.1	1971.3	1976.1	1971.3	1957.1	1933.5	1900.6	1858.6	1807.8	1748.5
-52.5°	1703.0	1710.4	1714.8	1716.3	1714.8	1710.4	1703.0	1692.7	1679.6	1663.7	1645.0
-55°	1618.6	1623.6	1626.6	1627.6	1626.6	1623.6	1618.6	1611.6	1602.7	1591.9	1579.3
-57.5°	1536.6	1550.6	1559.0	1561.8	1559.0	1550.6	1536.6	1517.1	1492.2	1461.9	1426.4
-60°	1333.4	1347.9	1356.7	1359.6	1356.7	1347.9	1333.4	1313.1	1287.2	1255.7	1218.7
-62.5°	1102.3	1116.5	1125.0	1127.8	1125.0	1116.5	1102.3	1082.6	1057.4	1026.7	990.7
-65°	855.8	868.1	875.4	877.9	875.4	868.1	855.8	838.7	816.8	790.2	758.9
-67.5°	619.9	629.0	634.4	636.2	634.4	629.0	619.9	607.3	591.2	571.5	548.4
-70°	422.7	429.9	434.3	435.7	434.3	429.9	422.7	412.6	399.7	383.9	365.5
-72.5°	244.9	249.5	252.3	253.2	252.3	249.5	244.9	238.4	230.1	220.1	208.2
-75°	114.9	116.9	118.0	118.4	118.0	116.9	114.9	112.3	108.8	104.6	99.7
-77.5°	51.7	52.2	52.5	52.6	52.5	52.2	51.7	51.1	50.2	49.2	48.0
-80°	32.5	32.7	32.9	32.9	32.9	32.7	32.5	32.2	31.8	31.3	30.8
-82.5°	21.1	21.3	21.4	21.4	21.4	21.3	21.1	20.9	20.7	20.4	20.0
-85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.3	11.2	11.0
-87.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.3
-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):

	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°	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7
85°	10.9	10.8	10.6	10.4	10.2	10.0	9.7	9.5	9.2	8.9	8.6
82.5°	19.6	19.1	18.6	18.0	17.4	16.7	16.0	15.2	14.4	13.6	12.7
80°	30.1	29.4	28.6	27.7	26.7	25.6	24.5	23.3	22.1	20.8	19.6
77.5°	46.6	45.0	43.2	41.3	39.2	37.0	34.6	32.4	30.8	29.1	27.4
75°	94.1	87.7	80.7	72.9	64.5	55.5	50.6	47.5	44.2	40.8	37.2
72.5°	194.6	179.3	162.3	143.7	123.5	110.3	98.9	86.9	74.1	60.7	50.8
70°	344.2	320.4	293.9	264.9	238.6	213.6	186.9	158.5	128.6	108.0	92.0
67.5°	522.0	492.2	459.2	424.2	388.6	350.2	309.3	265.9	228.8	193.3	156.1
65°	723.1	682.8	638.2	597.4	553.5	506.4	456.1	405.8	354.6	301.0	247.1
62.5°	949.4	903.1	852.7	798.4	739.7	676.7	614.1	555.2	493.0	428.7	366.8
60°	1176.4	1128.9	1072.4	1010.6	943.8	872.3	798.4	720.4	638.2	566.6	492.2
57.5°	1385.8	1337.5	1279.9	1217.1	1149.2	1072.4	989.1	901.0	810.7	717.1	622.5
55°	1564.8	1521.3	1466.5	1406.7	1339.6	1260.4	1176.4	1084.6	984.3	879.6	774.2
52.5°	1624.8	1607.2	1587.7	1566.6	1506.5	1431.8	1351.4	1255.7	1155.3	1044.7	927.6
50°	1704.2	1678.4	1650.0	1621.3	1596.7	1570.4	1502.9	1413.1	1313.1	1200.9	1081.2
47.5°	1914.6	1832.8	1742.8	1692.1	1656.3	1620.6	1590.8	1554.6	1454.0	1347.9	1223.9
45°	3111.4	2522.3	1961.1	1856.0	1743.4	1684.7	1641.7	1604.5	1569.6	1474.6	1359.6
42.5°	4498.5	3959.9	3310.1	2558.5	1942.9	1814.9	1704.0	1655.9	1611.5	1573.1	1474.6
40°	5297.8	5176.6	4566.5	3883.6	3055.8	2146.5	1858.3	1713.7	1660.7	1611.5	1569.6
37.5°	5528.0	5431.6	5289.5	5009.7	4231.8	3358.5	2344.4	1872.9	1713.7	1655.9	1604.5
35°	5667.9	5600.1	5508.4	5366.3	5193.2	4407.9	3460.1	2344.4	1858.3	1704.0	1641.7
32.5°	5716.1	5687.6	5649.3	5544.4	5405.2	5212.2	4407.9	3358.5	2146.5	1814.9	1684.7
30°	5504.3	5648.5	5699.7	5664.7	5556.5	5405.2	5193.2	4231.8	3055.8	1942.9	1743.4
27.5°	5140.9	5439.5	5608.9	5703.8	5664.7	5544.4	5366.3	5009.7	3883.6	2558.5	1856.0
25°	4876.3	5058.0	5399.6	5608.9	5699.7	5649.3	5508.4	5289.5	4566.5	3310.1	1961.1
22.5°	4822.6	4865.2	5058.0	5439.5	5648.5	5687.6	5600.1	5431.6	5176.6	3959.9	2522.3
20°	5052.3	4822.6	4876.3	5140.9	5504.3	5716.1	5667.9	5528.0	5297.8	4498.5	3111.4
17.5°	5520.0	5022.1	4800.7	4909.2	5303.5	5604.2	5692.0	5599.1	5407.2	4983.3	3640.6
15°	6482.5	5351.0	4933.3	4846.1	5075.6	5495.1	5713.3	5660.9	5492.9	5220.6	4045.2
12.5°	10145.9	5782.7	5081.0	4790.8	4911.8	5357.4	5652.3	5677.9	5543.0	5297.4	4383.8
10°	14480.8	7281.8	5357.2	4904.2	4869.2	5204.4	5579.5	5692.1	5584.7	5361.0	4664.2
7.5°	21935.9	9591.1	5626.1	4995.4	4835.3	5083.0	5521.9	5703.3	5617.5	5411.1	4884.4
5°	27474.6	11293.5	5823.3	5062.0	4810.6	4995.0	5480.3	5711.4	5641.2	5447.2	5042.9
2.5°	30892.3	12337.9	5943.7	5102.6	4795.6	4941.7	5455.0	5716.3	5655.5	5468.9	5138.5
0°	32048.3	12690.1	5984.2	5116.2	4790.6	4923.8	5446.6	5717.9	5660.3	5476.2	5170.4
-2.5°	30892.3	12337.9	5943.7	5102.6	4795.6	4941.7	5455.0	5716.3	5655.5	5468.9	5138.5
-5°	27474.6	11293.5	5823.3	5062.0	4810.6	4995.0	5480.3	5711.4	5641.2	5447.2	5042.9
-7.5°	21935.9	9591.1	5626.1	4995.4	4835.3	5083.0	5521.9	5703.3	5617.5	5411.1	4884.4
-10°	14480.8	7281.8	5357.2	4904.2	4869.2	5204.4	5579.5	5692.1	5584.7	5361.0	4664.2
-12.5°	10145.9	5782.7	5081.0	4790.8	4911.8	5357.4	5652.3	5677.9	5543.0	5297.4	4383.8
-15°	6482.5	5351.0	4933.3	4846.1	5075.6	5495.1	5713.3	5660.9	5492.9	5220.6	4045.2
-17.5°	5520.0	5022.1	4800.7	4909.2	5303.5	5604.2	5692.0	5599.1	5407.2	4983.3	3640.6
-20°	5052.3	4822.6	4876.3	5140.9	5504.3	5716.1	5667.9	5528.0	5297.8	4498.5	3111.4



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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°	4822.6	4865.2	5058.0	5439.5	5648.5	5687.6	5600.1	5431.6	5176.6	3959.9	2522.3
-25°	4876.3	5058.0	5399.6	5608.9	5699.7	5649.3	5508.4	5289.5	4566.5	3310.1	1961.1
-27.5°	5140.9	5439.5	5608.9	5703.8	5664.7	5544.4	5366.3	5009.7	3883.6	2558.5	1856.0
-30°	5504.3	5648.5	5699.7	5664.7	5556.5	5405.2	5193.2	4231.8	3055.8	1942.9	1743.4
-32.5°	5716.1	5687.6	5649.3	5544.4	5405.2	5212.2	4407.9	3358.5	2146.5	1814.9	1684.7
-35°	5667.9	5600.1	5508.4	5366.3	5193.2	4407.9	3460.1	2344.4	1858.3	1704.0	1641.7
-37.5°	5528.0	5431.6	5289.5	5009.7	4231.8	3358.5	2344.4	1872.9	1713.7	1655.9	1604.5
-40°	5297.8	5176.6	4566.5	3883.6	3055.8	2146.5	1858.3	1713.7	1660.7	1611.5	1569.6
-42.5°	4498.5	3959.9	3310.1	2558.5	1942.9	1814.9	1704.0	1655.9	1611.5	1573.1	1474.6
-45°	3111.4	2522.3	1961.1	1856.0	1743.4	1684.7	1641.7	1604.5	1569.6	1474.6	1359.6
-47.5°	1914.6	1832.8	1742.8	1692.1	1656.3	1620.6	1590.8	1554.6	1454.0	1347.9	1223.9
-50°	1704.2	1678.4	1650.0	1621.3	1596.7	1570.4	1502.9	1413.1	1313.1	1200.9	1081.2
-52.5°	1624.8	1607.2	1587.7	1566.6	1506.5	1431.8	1351.4	1255.7	1155.3	1044.7	927.6
-55°	1564.8	1521.3	1466.5	1406.7	1339.6	1260.4	1176.4	1084.6	984.3	879.6	774.2
-57.5°	1385.8	1337.5	1279.9	1217.1	1149.2	1072.4	989.1	901.0	810.7	717.1	622.5
-60°	1176.4	1128.9	1072.4	1010.6	943.8	872.3	798.4	720.4	638.2	566.6	492.2
-62.5°	949.4	903.1	852.7	798.4	739.7	676.7	614.1	555.2	493.0	428.7	366.8
-65°	723.1	682.8	638.2	597.4	553.5	506.4	456.1	405.8	354.6	301.0	247.1
-67.5°	522.0	492.2	459.2	424.2	388.6	350.2	309.3	265.9	228.8	193.3	156.1
-70°	344.2	320.4	293.9	264.9	238.6	213.6	186.9	158.5	128.6	108.0	92.0
-72.5°	194.6	179.3	162.3	143.7	123.5	110.3	98.9	86.9	74.1	60.7	50.8
-75°	94.1	87.7	80.7	72.9	64.5	55.5	50.6	47.5	44.2	40.8	37.2
-77.5°	46.6	45.0	43.2	41.3	39.2	37.0	34.6	32.4	30.8	29.1	27.4
-80°	30.1	29.4	28.6	27.7	26.7	25.6	24.5	23.3	22.1	20.8	19.6
-82.5°	19.6	19.1	18.6	18.0	17.4	16.7	16.0	15.2	14.4	13.6	12.7
-85°	10.9	10.8	10.6	10.4	10.2	10.0	9.7	9.5	9.2	8.9	8.6
-87.5°	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7
-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: P1305977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-1S-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°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0
85°	8.3	8.0	7.7	7.3	7.0	6.6	6.1	5.6	5.0	4.5	4.0
82.5°	11.7	11.1	10.6	10.1	9.6	9.0	8.5	7.9	7.3	6.7	5.9
80°	18.4	17.1	15.7	14.3	12.9	11.5	10.7	9.9	9.2	8.4	7.6
77.5°	25.6	23.7	21.7	19.9	18.1	16.3	14.4	12.5	11.0	10.0	9.0
75°	33.5	31.0	28.6	26.2	23.7	21.1	18.9	16.6	14.2	11.8	10.4
72.5°	46.5	41.9	37.2	32.6	29.7	26.7	23.6	20.6	17.9	15.1	12.2
70°	75.2	57.9	48.8	43.2	37.5	32.2	28.7	25.1	21.5	18.3	15.1
67.5°	118.0	98.4	78.2	57.3	47.6	41.0	34.3	29.7	25.6	21.5	17.9
65°	204.1	159.5	116.0	92.8	69.0	50.2	42.8	35.2	29.7	25.1	20.6
62.5°	302.6	240.6	189.9	137.7	101.7	74.9	51.1	42.8	34.3	28.7	23.6
60°	416.9	344.2	269.3	208.2	149.9	104.6	74.9	50.2	41.0	32.2	26.7
57.5°	538.7	452.1	369.4	286.0	214.4	149.9	101.7	69.0	47.6	37.5	29.7
55°	665.1	566.8	470.7	377.8	286.0	208.2	137.7	92.8	57.3	43.2	32.6
52.5°	808.8	688.0	576.2	470.7	369.4	269.3	189.9	116.0	78.2	48.8	37.2
50°	951.7	820.3	688.0	566.8	452.1	344.2	240.6	159.5	98.4	57.9	41.9
47.5°	1093.5	951.7	808.8	665.1	538.7	416.9	302.6	204.1	118.0	75.2	46.5
45°	1223.9	1081.2	927.6	774.2	622.5	492.2	366.8	247.1	156.1	92.0	50.8
42.5°	1347.9	1200.9	1044.7	879.6	717.1	566.6	428.7	301.0	193.3	108.0	60.7
40°	1454.0	1313.1	1155.3	984.3	810.7	638.2	493.0	354.6	228.8	128.6	74.1
37.5°	1554.6	1413.1	1255.7	1084.6	901.0	720.4	555.2	405.8	265.9	158.5	86.9
35°	1590.8	1502.9	1351.4	1176.4	989.1	798.4	614.1	456.1	309.3	186.9	98.9
32.5°	1620.6	1570.4	1431.8	1260.4	1072.4	872.3	676.7	506.4	350.2	213.6	110.3
30°	1656.3	1596.7	1506.5	1339.6	1149.2	943.8	739.7	553.5	388.6	238.6	123.5
27.5°	1692.1	1621.3	1566.6	1406.7	1217.1	1010.6	798.4	597.4	424.2	264.9	143.7
25°	1742.8	1650.0	1587.7	1466.5	1279.9	1072.4	852.7	638.2	459.2	293.9	162.3
22.5°	1832.8	1678.4	1607.2	1521.3	1337.5	1128.9	903.1	682.8	492.2	320.4	179.3
20°	1914.6	1704.2	1624.8	1564.8	1385.8	1176.4	949.4	723.1	522.0	344.2	194.6
17.5°	2055.6	1748.5	1645.0	1579.3	1426.4	1218.7	990.7	758.9	548.4	365.5	208.2
15°	2485.0	1807.8	1663.7	1591.9	1461.9	1255.7	1026.7	790.2	571.5	383.9	220.1
12.5°	2853.0	1858.6	1679.6	1602.7	1492.2	1287.2	1057.4	816.8	591.2	399.7	230.1
10°	3157.3	1900.6	1692.7	1611.6	1517.1	1313.1	1082.6	838.7	607.3	412.6	238.4
7.5°	3396.0	1933.5	1703.0	1618.6	1536.6	1333.4	1102.3	855.8	619.9	422.7	244.9
5°	3567.6	1957.1	1710.4	1623.6	1550.6	1347.9	1116.5	868.1	629.0	429.9	249.5
2.5°	3671.0	1971.3	1714.8	1626.6	1559.0	1356.7	1125.0	875.4	634.4	434.3	252.3
0°	3705.6	1976.1	1716.3	1627.6	1561.8	1359.6	1127.8	877.9	636.2	435.7	253.2
-2.5°	3671.0	1971.3	1714.8	1626.6	1559.0	1356.7	1125.0	875.4	634.4	434.3	252.3
-5°	3567.6	1957.1	1710.4	1623.6	1550.6	1347.9	1116.5	868.1	629.0	429.9	249.5
-7.5°	3396.0	1933.5	1703.0	1618.6	1536.6	1333.4	1102.3	855.8	619.9	422.7	244.9
-10°	3157.3	1900.6	1692.7	1611.6	1517.1	1313.1	1082.6	838.7	607.3	412.6	238.4
-12.5°	2853.0	1858.6	1679.6	1602.7	1492.2	1287.2	1057.4	816.8	591.2	399.7	230.1
-15°	2485.0	1807.8	1663.7	1591.9	1461.9	1255.7	1026.7	790.2	571.5	383.9	220.1
-17.5°	2055.6	1748.5	1645.0	1579.3	1426.4	1218.7	990.7	758.9	548.4	365.5	208.2
-20°	1914.6	1704.2	1624.8	1564.8	1385.8	1176.4	949.4	723.1	522.0	344.2	194.6



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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°	1832.8	1678.4	1607.2	1521.3	1337.5	1128.9	903.1	682.8	492.2	320.4	179.3
-25°	1742.8	1650.0	1587.7	1466.5	1279.9	1072.4	852.7	638.2	459.2	293.9	162.3
-27.5°	1692.1	1621.3	1566.6	1406.7	1217.1	1010.6	798.4	597.4	424.2	264.9	143.7
-30°	1656.3	1596.7	1506.5	1339.6	1149.2	943.8	739.7	553.5	388.6	238.6	123.5
-32.5°	1620.6	1570.4	1431.8	1260.4	1072.4	872.3	676.7	506.4	350.2	213.6	110.3
-35°	1590.8	1502.9	1351.4	1176.4	989.1	798.4	614.1	456.1	309.3	186.9	98.9
-37.5°	1554.6	1413.1	1255.7	1084.6	901.0	720.4	555.2	405.8	265.9	158.5	86.9
-40°	1454.0	1313.1	1155.3	984.3	810.7	638.2	493.0	354.6	228.8	128.6	74.1
-42.5°	1347.9	1200.9	1044.7	879.6	717.1	566.6	428.7	301.0	193.3	108.0	60.7
-45°	1223.9	1081.2	927.6	774.2	622.5	492.2	366.8	247.1	156.1	92.0	50.8
-47.5°	1093.5	951.7	808.8	665.1	538.7	416.9	302.6	204.1	118.0	75.2	46.5
-50°	951.7	820.3	688.0	566.8	452.1	344.2	240.6	159.5	98.4	57.9	41.9
-52.5°	808.8	688.0	576.2	470.7	369.4	269.3	189.9	116.0	78.2	48.8	37.2
-55°	665.1	566.8	470.7	377.8	286.0	208.2	137.7	92.8	57.3	43.2	32.6
-57.5°	538.7	452.1	369.4	286.0	214.4	149.9	101.7	69.0	47.6	37.5	29.7
-60°	416.9	344.2	269.3	208.2	149.9	104.6	74.9	50.2	41.0	32.2	26.7
-62.5°	302.6	240.6	189.9	137.7	101.7	74.9	51.1	42.8	34.3	28.7	23.6
-65°	204.1	159.5	116.0	92.8	69.0	50.2	42.8	35.2	29.7	25.1	20.6
-67.5°	118.0	98.4	78.2	57.3	47.6	41.0	34.3	29.7	25.6	21.5	17.9
-70°	75.2	57.9	48.8	43.2	37.5	32.2	28.7	25.1	21.5	18.3	15.1
-72.5°	46.5	41.9	37.2	32.6	29.7	26.7	23.6	20.6	17.9	15.1	12.2
-75°	33.5	31.0	28.6	26.2	23.7	21.1	18.9	16.6	14.2	11.8	10.4
-77.5°	25.6	23.7	21.7	19.9	18.1	16.3	14.4	12.5	11.0	10.0	9.0
-80°	18.4	17.1	15.7	14.3	12.9	11.5	10.7	9.9	9.2	8.4	7.6
-82.5°	11.7	11.1	10.6	10.1	9.6	9.0	8.5	7.9	7.3	6.7	5.9
-85°	8.3	8.0	7.7	7.3	7.0	6.6	6.1	5.6	5.0	4.5	4.0
-87.5°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0
-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):

	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°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
80°	6.7	5.7	4.6	3.4	2.3	1.1	0.0
77.5°	8.0	7.0	5.7	4.3	2.9	1.4	0.0
75°	9.2	8.0	6.7	5.1	3.4	1.7	0.0
72.5°	10.4	9.0	7.6	5.9	4.0	2.0	0.0
70°	11.8	10.0	8.4	6.7	4.5	2.3	0.0
67.5°	14.2	11.0	9.2	7.3	5.0	2.5	0.0
65°	16.6	12.5	9.9	7.9	5.6	2.8	0.0
62.5°	18.9	14.4	10.7	8.5	6.1	3.0	0.0
60°	21.1	16.3	11.5	9.0	6.6	3.3	0.0
57.5°	23.7	18.1	12.9	9.6	7.0	3.5	0.0
55°	26.2	19.9	14.3	10.1	7.3	3.8	0.0
52.5°	28.6	21.7	15.7	10.6	7.7	4.0	0.0
50°	31.0	23.7	17.1	11.1	8.0	4.2	0.0
47.5°	33.5	25.6	18.4	11.7	8.3	4.5	0.0
45°	37.2	27.4	19.6	12.7	8.6	4.7	0.0
42.5°	40.8	29.1	20.8	13.6	8.9	4.9	0.0
40°	44.2	30.8	22.1	14.4	9.2	5.1	0.0
37.5°	47.5	32.4	23.3	15.2	9.5	5.2	0.0
35°	50.6	34.6	24.5	16.0	9.7	5.4	0.0
32.5°	55.5	37.0	25.6	16.7	10.0	5.6	0.0
30°	64.5	39.2	26.7	17.4	10.2	5.7	0.0
27.5°	72.9	41.3	27.7	18.0	10.4	5.9	0.0
25°	80.7	43.2	28.6	18.6	10.6	6.0	0.0
22.5°	87.7	45.0	29.4	19.1	10.8	6.1	0.0
20°	94.1	46.6	30.1	19.6	10.9	6.2	0.0
17.5°	99.7	48.0	30.8	20.0	11.0	6.3	0.0
15°	104.6	49.2	31.3	20.4	11.2	6.4	0.0
12.5°	108.8	50.2	31.8	20.7	11.3	6.4	0.0
10°	112.3	51.1	32.2	20.9	11.4	6.5	0.0
7.5°	114.9	51.7	32.5	21.1	11.4	6.5	0.0
5°	116.9	52.2	32.7	21.3	11.5	6.6	0.0
2.5°	118.0	52.5	32.9	21.4	11.5	6.6	0.0
0°	118.4	52.6	32.9	21.4	11.5	6.6	0.0
-2.5°	118.0	52.5	32.9	21.4	11.5	6.6	0.0
-5°	116.9	52.2	32.7	21.3	11.5	6.6	0.0
-7.5°	114.9	51.7	32.5	21.1	11.4	6.5	0.0
-10°	112.3	51.1	32.2	20.9	11.4	6.5	0.0
-12.5°	108.8	50.2	31.8	20.7	11.3	6.4	0.0
-15°	104.6	49.2	31.3	20.4	11.2	6.4	0.0
-17.5°	99.7	48.0	30.8	20.0	11.0	6.3	0.0
-20°	94.1	46.6	30.1	19.6	10.9	6.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	87.7	45.0	29.4	19.1	10.8	6.1	0.0
-25°	80.7	43.2	28.6	18.6	10.6	6.0	0.0
-27.5°	72.9	41.3	27.7	18.0	10.4	5.9	0.0
-30°	64.5	39.2	26.7	17.4	10.2	5.7	0.0
-32.5°	55.5	37.0	25.6	16.7	10.0	5.6	0.0
-35°	50.6	34.6	24.5	16.0	9.7	5.4	0.0
-37.5°	47.5	32.4	23.3	15.2	9.5	5.2	0.0
-40°	44.2	30.8	22.1	14.4	9.2	5.1	0.0
-42.5°	40.8	29.1	20.8	13.6	8.9	4.9	0.0
-45°	37.2	27.4	19.6	12.7	8.6	4.7	0.0
-47.5°	33.5	25.6	18.4	11.7	8.3	4.5	0.0
-50°	31.0	23.7	17.1	11.1	8.0	4.2	0.0
-52.5°	28.6	21.7	15.7	10.6	7.7	4.0	0.0
-55°	26.2	19.9	14.3	10.1	7.3	3.8	0.0
-57.5°	23.7	18.1	12.9	9.6	7.0	3.5	0.0
-60°	21.1	16.3	11.5	9.0	6.6	3.3	0.0
-62.5°	18.9	14.4	10.7	8.5	6.1	3.0	0.0
-65°	16.6	12.5	9.9	7.9	5.6	2.8	0.0
-67.5°	14.2	11.0	9.2	7.3	5.0	2.5	0.0
-70°	11.8	10.0	8.4	6.7	4.5	2.3	0.0
-72.5°	10.4	9.0	7.6	5.9	4.0	2.0	0.0
-75°	9.2	8.0	6.7	5.1	3.4	1.7	0.0
-77.5°	8.0	7.0	5.7	4.3	2.9	1.4	0.0
-80°	6.7	5.7	4.6	3.4	2.3	1.1	0.0
-82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)