

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: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-4S-HEG-A**

Issue Date: 2/3/2026

Test Information

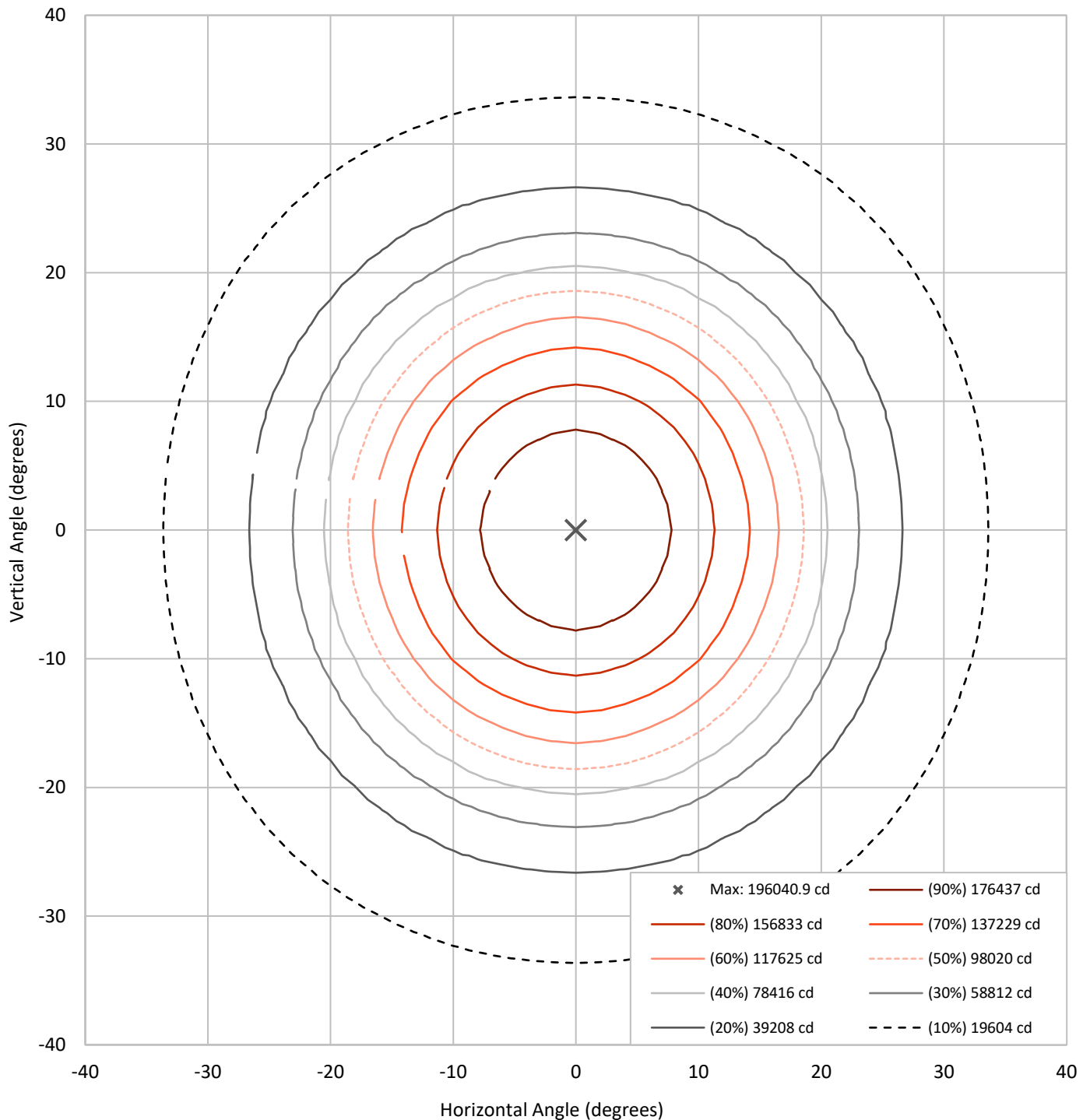
Test Method: LM-79-08
Report Number: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-4S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	90533.5 lumens	Max Intensity:	196040.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	163.4 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:	47131 lumens	Field Lumens:	79172.1 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





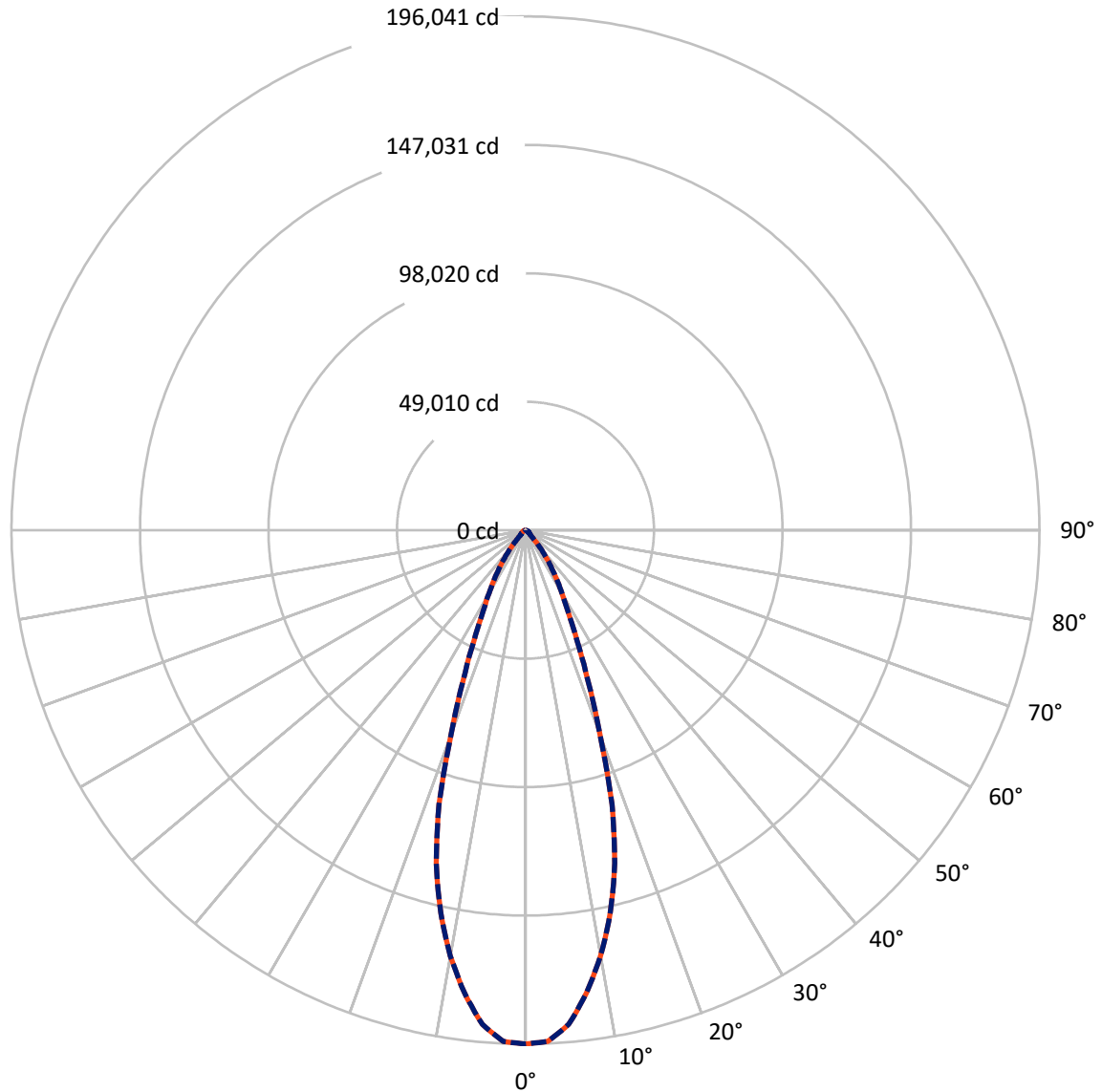
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Lumen Table

90	0.1	0.7	2.7	6.4	8.4	6.4	2.7	0.7	0.1										
80	0.1	0.7	2.7	6.4	8.4	6.4	2.7	0.7	0.1										
70	0.3	0.4	1.6	4.5	9.4	15.3	20.5	23.3	23.3	20.5	15.3	9.4	4.5	1.6	0.4	0.3			
60		1.2	5.4	14.6	26.7	37.6	45.6	50.0	50.0	45.6	37.6	26.7	14.6	5.4	1.2				
50	0.9	2.8	11.9	27.1	42.2	58.5	84.1	111.0	111.0	84.1	58.5	42.2	27.1	11.9	2.8	0.9			
40		5.0	18.9	36.5	63.3	170.3	360.4	499.9	499.9	360.4	170.3	63.3	36.5	18.9	5.0				
30	1.9	7.4	24.0	45.9	155.1	484.5	947.5	1408.9	1408.9	947.5	484.5	155.1	45.9	24.0	7.4	1.9			
20		9.3	27.3	62.3	308.6	892.1	2209.4	3626.8	3626.8	2209.4	892.1	308.6	62.3	27.3	9.3				
10	2.3	10.3	29.0	80.3	415.4	1290.0	3524.3	5308.7	5308.7	3524.3	1290.0	415.4	80.3	29.0	10.3	2.3			
0		10.3	29.0	80.3	415.4	1290.0	3524.3	5308.7	5308.7	3524.3	1290.0	415.4	80.3	29.0	10.3				
-10	1.9	9.3	27.3	62.3	308.6	892.1	2209.4	3626.8	3626.8	2209.4	892.1	308.6	62.3	27.3	9.3	1.9			
-20		7.4	24.0	45.9	155.1	484.5	947.5	1408.9	1408.9	947.5	484.5	155.1	45.9	24.0	7.4				
-30	0.9	5.0	18.9	36.5	63.3	170.3	360.4	499.9	499.9	360.4	170.3	63.3	36.5	18.9	5.0	0.9			
-40		2.8	11.9	27.1	42.2	58.5	84.1	111.0	111.0	84.1	58.5	42.2	27.1	11.9	2.8				
-50	0.3	1.2	5.4	14.6	26.7	37.6	45.6	50.0	50.0	45.6	37.6	26.7	14.6	5.4	1.2	0.3			
-60		0.4	1.6	4.5	9.4	15.3	20.5	23.3	23.3	20.5	15.3	9.4	4.5	1.6	0.4				
-70	0.1	0.7	2.7	6.4	8.4	6.4	2.7	0.7	0.1										
-80		0.1	0.7	2.7	6.4	8.4	6.4	2.7	0.7	0.1									
-90	0.1	0.7	2.7	6.4	8.4	6.4	2.7	0.7	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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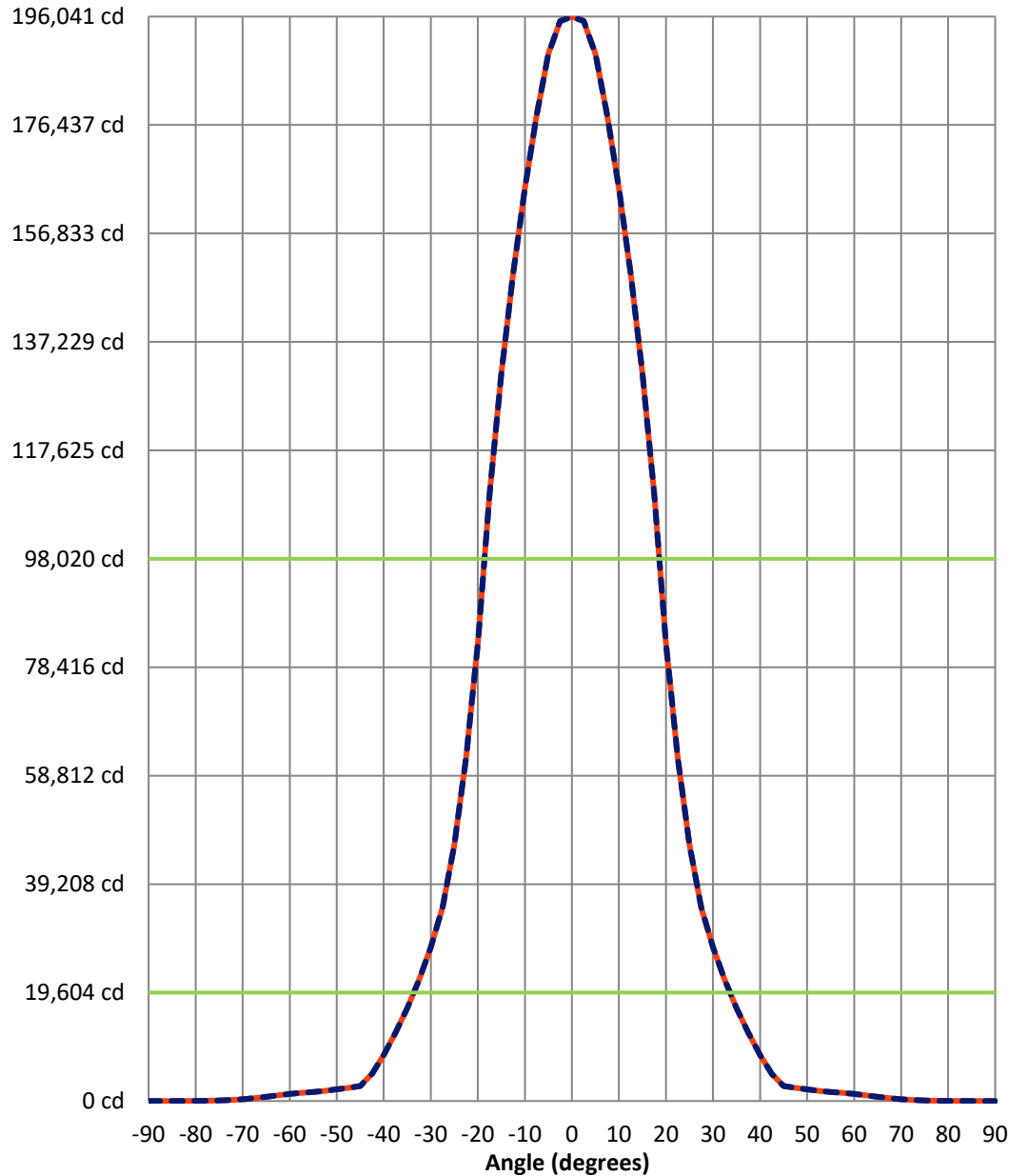
Luminous Intensity Polar Plot



— 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: 47131
Efficiency: 52.1%

Field:
H Angle: 67.2°
V Angle: 67.2°
Lumens: 79172.1
Efficiency: 87.5%

Spill:
Lumens: 11361.4
Efficiency: 12.5%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.6	5.2	5.7
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.9	7.6
77.5°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6	9.8
75°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	11.1	12.9
72.5°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.6	11.7	13.9	16.0
70°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	11.7	14.2	16.7	19.0
67.5°	0.0	1.7	3.4	5.2	6.9	8.6	11.1	13.9	16.7	19.4	22.0
65°	0.0	1.9	3.8	5.7	7.6	9.8	12.9	16.0	19.0	22.0	26.9
62.5°	0.0	2.1	4.2	6.2	8.3	11.2	14.7	18.0	21.4	25.8	36.2
60°	0.0	2.2	4.5	6.7	9.0	12.7	16.4	20.0	23.6	34.0	45.3
57.5°	0.0	2.4	4.8	7.2	10.1	14.1	18.1	22.0	29.8	42.1	62.9
55°	0.0	2.6	5.2	7.7	11.2	15.5	19.7	23.9	36.8	52.4	84.1
52.5°	0.0	2.7	5.5	8.2	12.2	16.8	21.3	29.4	43.5	71.1	104.8
50°	0.0	2.9	5.8	8.7	13.3	18.1	22.8	35.1	52.9	89.1	131.8
47.5°	0.0	3.0	6.1	9.2	14.3	19.3	24.8	40.7	68.4	106.6	158.8
45°	0.0	3.2	6.4	9.9	15.2	20.5	29.4	46.0	83.4	129.8	184.7
42.5°	0.0	3.3	6.6	10.6	16.2	21.6	33.7	55.5	97.7	152.2	224.7
40°	0.0	3.4	6.9	11.2	17.0	22.7	37.9	67.4	113.2	173.6	265.4
37.5°	0.0	3.6	7.1	11.9	17.9	23.8	41.9	78.8	131.2	198.1	304.3
35°	0.0	3.7	7.4	12.5	18.6	26.1	45.7	89.6	148.4	231.0	347.2
32.5°	0.0	3.8	7.6	13.0	19.4	29.1	50.7	99.7	164.5	262.1	397.1
30°	0.0	3.9	7.8	13.5	20.0	31.8	58.8	110.1	179.6	291.2	443.9
27.5°	0.0	4.0	8.0	14.0	20.7	34.4	66.4	122.3	197.3	318.3	487.5
25°	0.0	4.1	8.2	14.5	21.3	36.8	73.3	133.5	219.3	350.4	528.0
22.5°	0.0	4.2	8.3	14.9	21.8	38.9	79.6	143.8	239.4	383.1	572.2
20°	0.0	4.2	8.5	15.2	22.3	40.8	85.3	153.0	257.5	412.6	612.2
17.5°	0.0	4.3	8.6	15.5	22.7	42.5	90.3	161.2	273.7	438.9	647.7
15°	0.0	4.3	8.7	15.8	23.1	44.0	94.7	168.4	287.7	461.8	678.7
12.5°	0.0	4.4	8.8	16.1	23.4	45.3	98.4	174.5	299.6	481.3	705.1
10°	0.0	4.4	8.9	16.3	23.6	46.3	101.5	179.5	309.5	497.3	726.8
7.5°	0.0	4.5	8.9	16.4	23.8	47.2	103.9	183.4	317.1	509.9	743.7
5°	0.0	4.5	9.0	16.5	24.0	47.7	105.6	186.2	322.6	518.8	755.9
2.5°	0.0	4.5	9.0	16.6	24.1	48.1	106.7	187.8	325.9	524.2	763.2
0°	0.0	4.5	9.0	16.6	24.1	48.2	107.0	188.4	327.0	526.0	765.6
-2.5°	0.0	4.5	9.0	16.6	24.1	48.1	106.7	187.8	325.9	524.2	763.2
-5°	0.0	4.5	9.0	16.5	24.0	47.7	105.6	186.2	322.6	518.8	755.9
-7.5°	0.0	4.5	8.9	16.4	23.8	47.2	103.9	183.4	317.1	509.9	743.7
-10°	0.0	4.4	8.9	16.3	23.6	46.3	101.5	179.5	309.5	497.3	726.8
-12.5°	0.0	4.4	8.8	16.1	23.4	45.3	98.4	174.5	299.6	481.3	705.1
-15°	0.0	4.3	8.7	15.8	23.1	44.0	94.7	168.4	287.7	461.8	678.7
-17.5°	0.0	4.3	8.6	15.5	22.7	42.5	90.3	161.2	273.7	438.9	647.7
-20°	0.0	4.2	8.5	15.2	22.3	40.8	85.3	153.0	257.5	412.6	612.2



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	8.3	14.9	21.8	38.9	79.6	143.8	239.4	383.1	572.2
-25°	0.0	4.1	8.2	14.5	21.3	36.8	73.3	133.5	219.3	350.4	528.0
-27.5°	0.0	4.0	8.0	14.0	20.7	34.4	66.4	122.3	197.3	318.3	487.5
-30°	0.0	3.9	7.8	13.5	20.0	31.8	58.8	110.1	179.6	291.2	443.9
-32.5°	0.0	3.8	7.6	13.0	19.4	29.1	50.7	99.7	164.5	262.1	397.1
-35°	0.0	3.7	7.4	12.5	18.6	26.1	45.7	89.6	148.4	231.0	347.2
-37.5°	0.0	3.6	7.1	11.9	17.9	23.8	41.9	78.8	131.2	198.1	304.3
-40°	0.0	3.4	6.9	11.2	17.0	22.7	37.9	67.4	113.2	173.6	265.4
-42.5°	0.0	3.3	6.6	10.6	16.2	21.6	33.7	55.5	97.7	152.2	224.7
-45°	0.0	3.2	6.4	9.9	15.2	20.5	29.4	46.0	83.4	129.8	184.7
-47.5°	0.0	3.0	6.1	9.2	14.3	19.3	24.8	40.7	68.4	106.6	158.8
-50°	0.0	2.9	5.8	8.7	13.3	18.1	22.8	35.1	52.9	89.1	131.8
-52.5°	0.0	2.7	5.5	8.2	12.2	16.8	21.3	29.4	43.5	71.1	104.8
-55°	0.0	2.6	5.2	7.7	11.2	15.5	19.7	23.9	36.8	52.4	84.1
-57.5°	0.0	2.4	4.8	7.2	10.1	14.1	18.1	22.0	29.8	42.1	62.9
-60°	0.0	2.2	4.5	6.7	9.0	12.7	16.4	20.0	23.6	34.0	45.3
-62.5°	0.0	2.1	4.2	6.2	8.3	11.2	14.7	18.0	21.4	25.8	36.2
-65°	0.0	1.9	3.8	5.7	7.6	9.8	12.9	16.0	19.0	22.0	26.9
-67.5°	0.0	1.7	3.4	5.2	6.9	8.6	11.1	13.9	16.7	19.4	22.0
-70°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	11.7	14.2	16.7	19.0
-72.5°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.6	11.7	13.9	16.0
-75°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	11.1	12.9
-77.5°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6	9.8
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.9	7.6
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.6	5.2	5.7
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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):

	-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°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
85°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
82.5°	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.9	10.6	11.2	11.9
80°	8.3	9.0	10.1	11.2	12.2	13.3	14.3	15.2	16.2	17.0	17.9
77.5°	11.2	12.7	14.1	15.5	16.8	18.1	19.3	20.5	21.6	22.7	23.8
75°	14.7	16.4	18.1	19.7	21.3	22.8	24.8	29.4	33.7	37.9	41.9
72.5°	18.0	20.0	22.0	23.9	29.4	35.1	40.7	46.0	55.5	67.4	78.8
70°	21.4	23.6	29.8	36.8	43.5	52.9	68.4	83.4	97.7	113.2	131.2
67.5°	25.8	34.0	42.1	52.4	71.1	89.1	106.6	129.8	152.2	173.6	198.1
65°	36.2	45.3	62.9	84.1	104.8	131.8	158.8	184.7	224.7	265.4	304.3
62.5°	46.4	68.2	92.1	118.7	150.2	180.8	225.9	274.7	321.6	383.9	445.6
60°	68.2	94.7	126.0	161.2	200.6	257.5	312.7	383.1	456.9	528.0	609.4
57.5°	92.1	126.0	164.9	213.3	276.7	343.3	429.2	512.4	606.2	699.0	790.2
55°	118.7	161.2	213.3	283.1	361.8	457.1	554.7	662.8	767.4	879.2	986.2
52.5°	150.2	200.6	276.7	361.8	466.5	577.3	697.1	818.6	943.6	1062.7	1173.7
50°	180.8	257.5	343.3	457.1	577.3	708.5	844.4	982.6	1113.1	1237.2	1340.4
47.5°	225.9	312.7	429.2	554.7	697.1	844.4	995.7	1138.5	1275.7	1380.0	1477.5
45°	274.7	383.1	512.4	662.8	818.6	982.6	1138.5	1288.6	1400.0	1502.6	1583.4
42.5°	321.6	456.9	606.2	767.4	943.6	1113.1	1275.7	1400.0	1510.5	1599.4	1701.1
40°	383.9	528.0	699.0	879.2	1062.7	1237.2	1380.0	1502.6	1599.4	1712.0	1832.7
37.5°	445.6	609.4	790.2	986.2	1173.7	1340.4	1477.5	1583.4	1701.1	1832.7	2010.3
35°	504.1	686.8	884.2	1086.1	1279.6	1427.5	1551.5	1668.7	1810.6	1994.3	2177.7
32.5°	566.2	760.0	973.2	1179.0	1358.5	1504.5	1620.6	1766.7	1946.7	2148.6	2327.1
30°	628.6	835.9	1055.9	1266.5	1431.0	1565.2	1702.0	1868.4	2087.0	2282.5	2503.8
27.5°	686.8	907.2	1131.0	1334.2	1495.6	1622.2	1783.4	1991.8	2209.3	2420.7	2689.4
25°	740.6	973.2	1200.5	1392.1	1544.5	1687.7	1867.7	2107.1	2320.0	2583.7	3580.8
22.5°	792.5	1033.6	1264.2	1445.3	1589.4	1752.3	1966.3	2203.9	2438.9	2772.2	4598.2
20°	841.9	1086.1	1314.0	1491.5	1630.2	1811.0	2056.1	2290.7	2567.4	3640.3	5878.0
17.5°	885.9	1132.8	1353.3	1524.9	1676.4	1873.9	2135.2	2368.6	2683.1	4423.4	7197.7
15°	924.4	1173.7	1387.7	1554.2	1718.8	1939.0	2198.4	2459.2	3087.4	5227.1	8373.9
12.5°	957.1	1208.5	1417.0	1579.1	1755.0	1994.7	2252.6	2540.1	3637.0	6158.0	9566.3
10°	984.1	1237.2	1441.2	1599.7	1784.9	2040.7	2297.4	2607.0	4092.9	6931.4	10559.2
7.5°	1005.1	1259.6	1460.1	1615.8	1808.3	2076.8	2332.6	2659.5	4451.4	7540.6	11342.8
5°	1020.2	1275.7	1473.6	1627.4	1825.1	2102.7	2357.9	2697.4	4709.7	7980.1	11908.9
2.5°	1029.3	1285.4	1481.8	1634.4	1835.2	2118.3	2373.1	2720.2	4865.5	8245.4	12251.1
0°	1032.3	1288.6	1484.5	1636.7	1838.6	2123.5	2378.2	2727.8	4917.6	8334.2	12365.6
-2.5°	1029.3	1285.4	1481.8	1634.4	1835.2	2118.3	2373.1	2720.2	4865.5	8245.4	12251.1
-5°	1020.2	1275.7	1473.6	1627.4	1825.1	2102.7	2357.9	2697.4	4709.7	7980.1	11908.9
-7.5°	1005.1	1259.6	1460.1	1615.8	1808.3	2076.8	2332.6	2659.5	4451.4	7540.6	11342.8
-10°	984.1	1237.2	1441.2	1599.7	1784.9	2040.7	2297.4	2607.0	4092.9	6931.4	10559.2
-12.5°	957.1	1208.5	1417.0	1579.1	1755.0	1994.7	2252.6	2540.1	3637.0	6158.0	9566.3
-15°	924.4	1173.7	1387.7	1554.2	1718.8	1939.0	2198.4	2459.2	3087.4	5227.1	8373.9
-17.5°	885.9	1132.8	1353.3	1524.9	1676.4	1873.9	2135.2	2368.6	2683.1	4423.4	7197.7
-20°	841.9	1086.1	1314.0	1491.5	1630.2	1811.0	2056.1	2290.7	2567.4	3640.3	5878.0



REPORT NUMBER: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	792.5	1033.6	1264.2	1445.3	1589.4	1752.3	1966.3	2203.9	2438.9	2772.2	4598.2
-25°	740.6	973.2	1200.5	1392.1	1544.5	1687.7	1867.7	2107.1	2320.0	2583.7	3580.8
-27.5°	686.8	907.2	1131.0	1334.2	1495.6	1622.2	1783.4	1991.8	2209.3	2420.7	2689.4
-30°	628.6	835.9	1055.9	1266.5	1431.0	1565.2	1702.0	1868.4	2087.0	2282.5	2503.8
-32.5°	566.2	760.0	973.2	1179.0	1358.5	1504.5	1620.6	1766.7	1946.7	2148.6	2327.1
-35°	504.1	686.8	884.2	1086.1	1279.6	1427.5	1551.5	1668.7	1810.6	1994.3	2177.7
-37.5°	445.6	609.4	790.2	986.2	1173.7	1340.4	1477.5	1583.4	1701.1	1832.7	2010.3
-40°	383.9	528.0	699.0	879.2	1062.7	1237.2	1380.0	1502.6	1599.4	1712.0	1832.7
-42.5°	321.6	456.9	606.2	767.4	943.6	1113.1	1275.7	1400.0	1510.5	1599.4	1701.1
-45°	274.7	383.1	512.4	662.8	818.6	982.6	1138.5	1288.6	1400.0	1502.6	1583.4
-47.5°	225.9	312.7	429.2	554.7	697.1	844.4	995.7	1138.5	1275.7	1380.0	1477.5
-50°	180.8	257.5	343.3	457.1	577.3	708.5	844.4	982.6	1113.1	1237.2	1340.4
-52.5°	150.2	200.6	276.7	361.8	466.5	577.3	697.1	818.6	943.6	1062.7	1173.7
-55°	118.7	161.2	213.3	283.1	361.8	457.1	554.7	662.8	767.4	879.2	986.2
-57.5°	92.1	126.0	164.9	213.3	276.7	343.3	429.2	512.4	606.2	699.0	790.2
-60°	68.2	94.7	126.0	161.2	200.6	257.5	312.7	383.1	456.9	528.0	609.4
-62.5°	46.4	68.2	92.1	118.7	150.2	180.8	225.9	274.7	321.6	383.9	445.6
-65°	36.2	45.3	62.9	84.1	104.8	131.8	158.8	184.7	224.7	265.4	304.3
-67.5°	25.8	34.0	42.1	52.4	71.1	89.1	106.6	129.8	152.2	173.6	198.1
-70°	21.4	23.6	29.8	36.8	43.5	52.9	68.4	83.4	97.7	113.2	131.2
-72.5°	18.0	20.0	22.0	23.9	29.4	35.1	40.7	46.0	55.5	67.4	78.8
-75°	14.7	16.4	18.1	19.7	21.3	22.8	24.8	29.4	33.7	37.9	41.9
-77.5°	11.2	12.7	14.1	15.5	16.8	18.1	19.3	20.5	21.6	22.7	23.8
-80°	8.3	9.0	10.1	11.2	12.2	13.3	14.3	15.2	16.2	17.0	17.9
-82.5°	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.9	10.6	11.2	11.9
-85°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-87.5°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
85°	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9
82.5°	12.5	13.0	13.5	14.0	14.5	14.9	15.2	15.5	15.8	16.1	16.3
80°	18.6	19.4	20.0	20.7	21.3	21.8	22.3	22.7	23.1	23.4	23.6
77.5°	26.1	29.1	31.8	34.4	36.8	38.9	40.8	42.5	44.0	45.3	46.3
75°	45.7	50.7	58.8	66.4	73.3	79.6	85.3	90.3	94.7	98.4	101.5
72.5°	89.6	99.7	110.1	122.3	133.5	143.8	153.0	161.2	168.4	174.5	179.5
70°	148.4	164.5	179.6	197.3	219.3	239.4	257.5	273.7	287.7	299.6	309.5
67.5°	231.0	262.1	291.2	318.3	350.4	383.1	412.6	438.9	461.8	481.3	497.3
65°	347.2	397.1	443.9	487.5	528.0	572.2	612.2	647.7	678.7	705.1	726.8
62.5°	504.1	566.2	628.6	686.8	740.6	792.5	841.9	885.9	924.4	957.1	984.1
60°	686.8	760.0	835.9	907.2	973.2	1033.6	1086.1	1132.8	1173.7	1208.5	1237.2
57.5°	884.2	973.2	1055.9	1131.0	1200.5	1264.2	1314.0	1353.3	1387.7	1417.0	1441.2
55°	1086.1	1179.0	1266.5	1334.2	1392.1	1445.3	1491.5	1524.9	1554.2	1579.1	1599.7
52.5°	1279.6	1358.5	1431.0	1495.6	1544.5	1589.4	1630.2	1676.4	1718.8	1755.0	1784.9
50°	1427.5	1504.5	1565.2	1622.2	1687.7	1752.3	1811.0	1873.9	1939.0	1994.7	2040.7
47.5°	1551.5	1620.6	1702.0	1783.4	1867.7	1966.3	2056.1	2135.2	2198.4	2252.6	2297.4
45°	1668.7	1766.7	1868.4	1991.8	2107.1	2203.9	2290.7	2368.6	2459.2	2540.1	2607.0
42.5°	1810.6	1946.7	2087.0	2209.3	2320.0	2438.9	2567.4	2683.1	3087.4	3637.0	4092.9
40°	1994.3	2148.6	2282.5	2420.7	2583.7	2772.2	3640.3	4423.4	5227.1	6158.0	6931.4
37.5°	2177.7	2327.1	2503.8	2689.4	3580.8	4598.2	5878.0	7197.7	8373.9	9566.3	10559.2
35°	2342.0	2545.8	2891.3	4130.9	5514.3	7217.3	8868.8	10550.1	12045.6	13439.7	14630.7
32.5°	2545.8	3027.0	4409.4	6182.9	8130.8	10247.8	12240.6	14227.1	16011.8	17673.0	19161.1
30°	2891.3	4409.4	6407.8	8640.9	11091.8	13502.1	15861.8	18197.1	20413.8	22423.1	24315.1
27.5°	4130.9	6182.9	8640.9	11376.1	14149.7	16874.3	19778.6	22540.0	25338.5	27793.2	30319.7
25°	5514.3	8130.8	11091.8	14149.7	17262.2	20584.7	23999.6	27354.3	30964.0	34236.5	38157.2
22.5°	7217.3	10247.8	13502.1	16874.3	20584.7	24493.0	28513.2	32932.0	38076.8	43704.7	49380.0
20°	8868.8	12240.6	15861.8	19778.6	23999.6	28513.2	33599.5	40280.4	47502.7	56106.9	63993.5
17.5°	10550.1	14227.1	18197.1	22540.0	27354.3	32932.0	40280.4	49147.3	59594.5	71242.3	82098.0
15°	12045.6	16011.8	20413.8	25338.5	30964.0	38076.8	47502.7	59594.5	73728.7	88857.8	104720.2
12.5°	13439.7	17673.0	22423.1	27793.2	34236.5	43704.7	56106.9	71242.3	88857.8	108572.8	123160.4
10°	14630.7	19161.1	24315.1	30319.7	38157.2	49380.0	63993.5	82098.0	104720.2	123160.4	138189.9
7.5°	15572.8	20341.4	25820.8	32340.8	41663.7	54803.8	71949.0	93609.6	116418.1	134895.3	149672.3
5°	16254.5	21197.4	26915.8	33815.7	44233.9	58802.3	77859.5	102400.3	124595.1	142942.8	157861.7
2.5°	16667.2	21716.4	27581.0	34713.9	45804.0	61255.4	81506.6	107869.3	129743.6	147880.8	163107.3
0°	16805.4	21890.3	27804.1	35015.5	46332.2	62082.6	82740.2	109727.5	131504.8	149518.2	164961.9
-2.5°	16667.2	21716.4	27581.0	34713.9	45804.0	61255.4	81506.6	107869.3	129743.6	147880.8	163107.3
-5°	16254.5	21197.4	26915.8	33815.7	44233.9	58802.3	77859.5	102400.3	124595.1	142942.8	157861.7
-7.5°	15572.8	20341.4	25820.8	32340.8	41663.7	54803.8	71949.0	93609.6	116418.1	134895.3	149672.3
-10°	14630.7	19161.1	24315.1	30319.7	38157.2	49380.0	63993.5	82098.0	104720.2	123160.4	138189.9
-12.5°	13439.7	17673.0	22423.1	27793.2	34236.5	43704.7	56106.9	71242.3	88857.8	108572.8	123160.4
-15°	12045.6	16011.8	20413.8	25338.5	30964.0	38076.8	47502.7	59594.5	73728.7	88857.8	104720.2
-17.5°	10550.1	14227.1	18197.1	22540.0	27354.3	32932.0	40280.4	49147.3	59594.5	71242.3	82098.0
-20°	8868.8	12240.6	15861.8	19778.6	23999.6	28513.2	33599.5	40280.4	47502.7	56106.9	63993.5



REPORT NUMBER: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7217.3	10247.8	13502.1	16874.3	20584.7	24493.0	28513.2	32932.0	38076.8	43704.7	49380.0
-25°	5514.3	8130.8	11091.8	14149.7	17262.2	20584.7	23999.6	27354.3	30964.0	34236.5	38157.2
-27.5°	4130.9	6182.9	8640.9	11376.1	14149.7	16874.3	19778.6	22540.0	25338.5	27793.2	30319.7
-30°	2891.3	4409.4	6407.8	8640.9	11091.8	13502.1	15861.8	18197.1	20413.8	22423.1	24315.1
-32.5°	2545.8	3027.0	4409.4	6182.9	8130.8	10247.8	12240.6	14227.1	16011.8	17673.0	19161.1
-35°	2342.0	2545.8	2891.3	4130.9	5514.3	7217.3	8868.8	10550.1	12045.6	13439.7	14630.7
-37.5°	2177.7	2327.1	2503.8	2689.4	3580.8	4598.2	5878.0	7197.7	8373.9	9566.3	10559.2
-40°	1994.3	2148.6	2282.5	2420.7	2583.7	2772.2	3640.3	4423.4	5227.1	6158.0	6931.4
-42.5°	1810.6	1946.7	2087.0	2209.3	2320.0	2438.9	2567.4	2683.1	3087.4	3637.0	4092.9
-45°	1668.7	1766.7	1868.4	1991.8	2107.1	2203.9	2290.7	2368.6	2459.2	2540.1	2607.0
-47.5°	1551.5	1620.6	1702.0	1783.4	1867.7	1966.3	2056.1	2135.2	2198.4	2252.6	2297.4
-50°	1427.5	1504.5	1565.2	1622.2	1687.7	1752.3	1811.0	1873.9	1939.0	1994.7	2040.7
-52.5°	1279.6	1358.5	1431.0	1495.6	1544.5	1589.4	1630.2	1676.4	1718.8	1755.0	1784.9
-55°	1086.1	1179.0	1266.5	1334.2	1392.1	1445.3	1491.5	1524.9	1554.2	1579.1	1599.7
-57.5°	884.2	973.2	1055.9	1131.0	1200.5	1264.2	1314.0	1353.3	1387.7	1417.0	1441.2
-60°	686.8	760.0	835.9	907.2	973.2	1033.6	1086.1	1132.8	1173.7	1208.5	1237.2
-62.5°	504.1	566.2	628.6	686.8	740.6	792.5	841.9	885.9	924.4	957.1	984.1
-65°	347.2	397.1	443.9	487.5	528.0	572.2	612.2	647.7	678.7	705.1	726.8
-67.5°	231.0	262.1	291.2	318.3	350.4	383.1	412.6	438.9	461.8	481.3	497.3
-70°	148.4	164.5	179.6	197.3	219.3	239.4	257.5	273.7	287.7	299.6	309.5
-72.5°	89.6	99.7	110.1	122.3	133.5	143.8	153.0	161.2	168.4	174.5	179.5
-75°	45.7	50.7	58.8	66.4	73.3	79.6	85.3	90.3	94.7	98.4	101.5
-77.5°	26.1	29.1	31.8	34.4	36.8	38.9	40.8	42.5	44.0	45.3	46.3
-80°	18.6	19.4	20.0	20.7	21.3	21.8	22.3	22.7	23.1	23.4	23.6
-82.5°	12.5	13.0	13.5	14.0	14.5	14.9	15.2	15.5	15.8	16.1	16.3
-85°	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
-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: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-4S-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
85°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
82.5°	16.4	16.5	16.6	16.6	16.6	16.5	16.4	16.3	16.1	15.8	15.5
80°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.4	23.1	22.7
77.5°	47.2	47.7	48.1	48.2	48.1	47.7	47.2	46.3	45.3	44.0	42.5
75°	103.9	105.6	106.7	107.0	106.7	105.6	103.9	101.5	98.4	94.7	90.3
72.5°	183.4	186.2	187.8	188.4	187.8	186.2	183.4	179.5	174.5	168.4	161.2
70°	317.1	322.6	325.9	327.0	325.9	322.6	317.1	309.5	299.6	287.7	273.7
67.5°	509.9	518.8	524.2	526.0	524.2	518.8	509.9	497.3	481.3	461.8	438.9
65°	743.7	755.9	763.2	765.6	763.2	755.9	743.7	726.8	705.1	678.7	647.7
62.5°	1005.1	1020.2	1029.3	1032.3	1029.3	1020.2	1005.1	984.1	957.1	924.4	885.9
60°	1259.6	1275.7	1285.4	1288.6	1285.4	1275.7	1259.6	1237.2	1208.5	1173.7	1132.8
57.5°	1460.1	1473.6	1481.8	1484.5	1481.8	1473.6	1460.1	1441.2	1417.0	1387.7	1353.3
55°	1615.8	1627.4	1634.4	1636.7	1634.4	1627.4	1615.8	1599.7	1579.1	1554.2	1524.9
52.5°	1808.3	1825.1	1835.2	1838.6	1835.2	1825.1	1808.3	1784.9	1755.0	1718.8	1676.4
50°	2076.8	2102.7	2118.3	2123.5	2118.3	2102.7	2076.8	2040.7	1994.7	1939.0	1873.9
47.5°	2332.6	2357.9	2373.1	2378.2	2373.1	2357.9	2332.6	2297.4	2252.6	2198.4	2135.2
45°	2659.5	2697.4	2720.2	2727.8	2720.2	2697.4	2659.5	2607.0	2540.1	2459.2	2368.6
42.5°	4451.4	4709.7	4865.5	4917.6	4865.5	4709.7	4451.4	4092.9	3637.0	3087.4	2683.1
40°	7540.6	7980.1	8245.4	8334.2	8245.4	7980.1	7540.6	6931.4	6158.0	5227.1	4423.4
37.5°	11342.8	11908.9	12251.1	12365.6	12251.1	11908.9	11342.8	10559.2	9566.3	8373.9	7197.7
35°	15572.8	16254.5	16667.2	16805.4	16667.2	16254.5	15572.8	14630.7	13439.7	12045.6	10550.1
32.5°	20341.4	21197.4	21716.4	21890.3	21716.4	21197.4	20341.4	19161.1	17673.0	16011.8	14227.1
30°	25820.8	26915.8	27581.0	27804.1	27581.0	26915.8	25820.8	24315.1	22423.1	20413.8	18197.1
27.5°	32340.8	33815.7	34713.9	35015.5	34713.9	33815.7	32340.8	30319.7	27793.2	25338.5	22540.0
25°	41663.7	44233.9	45804.0	46332.2	45804.0	44233.9	41663.7	38157.2	34236.5	30964.0	27354.3
22.5°	54803.8	58802.3	61255.4	62082.6	61255.4	58802.3	54803.8	49380.0	43704.7	38076.8	32932.0
20°	71949.0	77859.5	81506.6	82740.2	81506.6	77859.5	71949.0	63993.5	56106.9	47502.7	40280.4
17.5°	93609.6	102400.3	107869.3	109727.5	107869.3	102400.3	93609.6	82098.0	71242.3	59594.5	49147.3
15°	116418.1	124595.1	129743.6	131504.8	129743.6	124595.1	116418.1	104720.2	88857.8	73728.7	59594.5
12.5°	134895.3	142942.8	147880.8	149518.2	147880.8	142942.8	134895.3	123160.4	108572.8	88857.8	71242.3
10°	149672.3	157861.7	163107.3	164961.9	163107.3	157861.7	149672.3	138189.9	123160.4	104720.2	82098.0
7.5°	161361.9	170605.4	176203.9	178196.4	176203.9	170605.4	161361.9	149672.3	134895.3	116418.1	93609.6
5°	170605.4	180336.9	186963.5	189295.3	186963.5	180336.9	170605.4	157861.7	142942.8	124595.1	102400.3
2.5°	176203.9	186963.5	193364.7	195203.8	193364.7	186963.5	176203.9	163107.3	147880.8	129743.6	107869.3
0°	178196.4	189295.3	195203.8	196040.9	195203.8	189295.3	178196.4	164961.9	149518.2	131504.8	109727.5
-2.5°	176203.9	186963.5	193364.7	195203.8	193364.7	186963.5	176203.9	163107.3	147880.8	129743.6	107869.3
-5°	170605.4	180336.9	186963.5	189295.3	186963.5	180336.9	170605.4	157861.7	142942.8	124595.1	102400.3
-7.5°	161361.9	170605.4	176203.9	178196.4	176203.9	170605.4	161361.9	149672.3	134895.3	116418.1	93609.6
-10°	149672.3	157861.7	163107.3	164961.9	163107.3	157861.7	149672.3	138189.9	123160.4	104720.2	82098.0
-12.5°	134895.3	142942.8	147880.8	149518.2	147880.8	142942.8	134895.3	123160.4	108572.8	88857.8	71242.3
-15°	116418.1	124595.1	129743.6	131504.8	129743.6	124595.1	116418.1	104720.2	88857.8	73728.7	59594.5
-17.5°	93609.6	102400.3	107869.3	109727.5	107869.3	102400.3	93609.6	82098.0	71242.3	59594.5	49147.3
-20°	71949.0	77859.5	81506.6	82740.2	81506.6	77859.5	71949.0	63993.5	56106.9	47502.7	40280.4



REPORT NUMBER: P1305920 (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°	54803.8	58802.3	61255.4	62082.6	61255.4	58802.3	54803.8	49380.0	43704.7	38076.8	32932.0
-25°	41663.7	44233.9	45804.0	46332.2	45804.0	44233.9	41663.7	38157.2	34236.5	30964.0	27354.3
-27.5°	32340.8	33815.7	34713.9	35015.5	34713.9	33815.7	32340.8	30319.7	27793.2	25338.5	22540.0
-30°	25820.8	26915.8	27581.0	27804.1	27581.0	26915.8	25820.8	24315.1	22423.1	20413.8	18197.1
-32.5°	20341.4	21197.4	21716.4	21890.3	21716.4	21197.4	20341.4	19161.1	17673.0	16011.8	14227.1
-35°	15572.8	16254.5	16667.2	16805.4	16667.2	16254.5	15572.8	14630.7	13439.7	12045.6	10550.1
-37.5°	11342.8	11908.9	12251.1	12365.6	12251.1	11908.9	11342.8	10559.2	9566.3	8373.9	7197.7
-40°	7540.6	7980.1	8245.4	8334.2	8245.4	7980.1	7540.6	6931.4	6158.0	5227.1	4423.4
-42.5°	4451.4	4709.7	4865.5	4917.6	4865.5	4709.7	4451.4	4092.9	3637.0	3087.4	2683.1
-45°	2659.5	2697.4	2720.2	2727.8	2720.2	2697.4	2659.5	2607.0	2540.1	2459.2	2368.6
-47.5°	2332.6	2357.9	2373.1	2378.2	2373.1	2357.9	2332.6	2297.4	2252.6	2198.4	2135.2
-50°	2076.8	2102.7	2118.3	2123.5	2118.3	2102.7	2076.8	2040.7	1994.7	1939.0	1873.9
-52.5°	1808.3	1825.1	1835.2	1838.6	1835.2	1825.1	1808.3	1784.9	1755.0	1718.8	1676.4
-55°	1615.8	1627.4	1634.4	1636.7	1634.4	1627.4	1615.8	1599.7	1579.1	1554.2	1524.9
-57.5°	1460.1	1473.6	1481.8	1484.5	1481.8	1473.6	1460.1	1441.2	1417.0	1387.7	1353.3
-60°	1259.6	1275.7	1285.4	1288.6	1285.4	1275.7	1259.6	1237.2	1208.5	1173.7	1132.8
-62.5°	1005.1	1020.2	1029.3	1032.3	1029.3	1020.2	1005.1	984.1	957.1	924.4	885.9
-65°	743.7	755.9	763.2	765.6	763.2	755.9	743.7	726.8	705.1	678.7	647.7
-67.5°	509.9	518.8	524.2	526.0	524.2	518.8	509.9	497.3	481.3	461.8	438.9
-70°	317.1	322.6	325.9	327.0	325.9	322.6	317.1	309.5	299.6	287.7	273.7
-72.5°	183.4	186.2	187.8	188.4	187.8	186.2	183.4	179.5	174.5	168.4	161.2
-75°	103.9	105.6	106.7	107.0	106.7	105.6	103.9	101.5	98.4	94.7	90.3
-77.5°	47.2	47.7	48.1	48.2	48.1	47.7	47.2	46.3	45.3	44.0	42.5
-80°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.4	23.1	22.7
-82.5°	16.4	16.5	16.6	16.6	16.6	16.5	16.4	16.3	16.1	15.8	15.5
-85°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
-87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
-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°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.6	6.4
82.5°	15.2	14.9	14.5	14.0	13.5	13.0	12.5	11.9	11.2	10.6	9.9
80°	22.3	21.8	21.3	20.7	20.0	19.4	18.6	17.9	17.0	16.2	15.2
77.5°	40.8	38.9	36.8	34.4	31.8	29.1	26.1	23.8	22.7	21.6	20.5
75°	85.3	79.6	73.3	66.4	58.8	50.7	45.7	41.9	37.9	33.7	29.4
72.5°	153.0	143.8	133.5	122.3	110.1	99.7	89.6	78.8	67.4	55.5	46.0
70°	257.5	239.4	219.3	197.3	179.6	164.5	148.4	131.2	113.2	97.7	83.4
67.5°	412.6	383.1	350.4	318.3	291.2	262.1	231.0	198.1	173.6	152.2	129.8
65°	612.2	572.2	528.0	487.5	443.9	397.1	347.2	304.3	265.4	224.7	184.7
62.5°	841.9	792.5	740.6	686.8	628.6	566.2	504.1	445.6	383.9	321.6	274.7
60°	1086.1	1033.6	973.2	907.2	835.9	760.0	686.8	609.4	528.0	456.9	383.1
57.5°	1314.0	1264.2	1200.5	1131.0	1055.9	973.2	884.2	790.2	699.0	606.2	512.4
55°	1491.5	1445.3	1392.1	1334.2	1266.5	1179.0	1086.1	986.2	879.2	767.4	662.8
52.5°	1630.2	1589.4	1544.5	1495.6	1431.0	1358.5	1279.6	1173.7	1062.7	943.6	818.6
50°	1811.0	1752.3	1687.7	1622.2	1565.2	1504.5	1427.5	1340.4	1237.2	1113.1	982.6
47.5°	2056.1	1966.3	1867.7	1783.4	1702.0	1620.6	1551.5	1477.5	1380.0	1275.7	1138.5
45°	2290.7	2203.9	2107.1	1991.8	1868.4	1766.7	1668.7	1583.4	1502.6	1400.0	1288.6
42.5°	2567.4	2438.9	2320.0	2209.3	2087.0	1946.7	1810.6	1701.1	1599.4	1510.5	1400.0
40°	3640.3	2772.2	2583.7	2420.7	2282.5	2148.6	1994.3	1832.7	1712.0	1599.4	1502.6
37.5°	5878.0	4598.2	3580.8	2689.4	2503.8	2327.1	2177.7	2010.3	1832.7	1701.1	1583.4
35°	8868.8	7217.3	5514.3	4130.9	2891.3	2545.8	2342.0	2177.7	1994.3	1810.6	1668.7
32.5°	12240.6	10247.8	8130.8	6182.9	4409.4	3027.0	2545.8	2327.1	2148.6	1946.7	1766.7
30°	15861.8	13502.1	11091.8	8640.9	6407.8	4409.4	2891.3	2503.8	2282.5	2087.0	1868.4
27.5°	19778.6	16874.3	14149.7	11376.1	8640.9	6182.9	4130.9	2689.4	2420.7	2209.3	1991.8
25°	23999.6	20584.7	17262.2	14149.7	11091.8	8130.8	5514.3	3580.8	2583.7	2320.0	2107.1
22.5°	28513.2	24493.0	20584.7	16874.3	13502.1	10247.8	7217.3	4598.2	2772.2	2438.9	2203.9
20°	33599.5	28513.2	23999.6	19778.6	15861.8	12240.6	8868.8	5878.0	3640.3	2567.4	2290.7
17.5°	40280.4	32932.0	27354.3	22540.0	18197.1	14227.1	10550.1	7197.7	4423.4	2683.1	2368.6
15°	47502.7	38076.8	30964.0	25338.5	20413.8	16011.8	12045.6	8373.9	5227.1	3087.4	2459.2
12.5°	56106.9	43704.7	34236.5	27793.2	22423.1	17673.0	13439.7	9566.3	6158.0	3637.0	2540.1
10°	63993.5	49380.0	38157.2	30319.7	24315.1	19161.1	14630.7	10559.2	6931.4	4092.9	2607.0
7.5°	71949.0	54803.8	41663.7	32340.8	25820.8	20341.4	15572.8	11342.8	7540.6	4451.4	2659.5
5°	77859.5	58802.3	44233.9	33815.7	26915.8	21197.4	16254.5	11908.9	7980.1	4709.7	2697.4
2.5°	81506.6	61255.4	45804.0	34713.9	27581.0	21716.4	16667.2	12251.1	8245.4	4865.5	2720.2
0°	82740.2	62082.6	46332.2	35015.5	27804.1	21890.3	16805.4	12365.6	8334.2	4917.6	2727.8
-2.5°	81506.6	61255.4	45804.0	34713.9	27581.0	21716.4	16667.2	12251.1	8245.4	4865.5	2720.2
-5°	77859.5	58802.3	44233.9	33815.7	26915.8	21197.4	16254.5	11908.9	7980.1	4709.7	2697.4
-7.5°	71949.0	54803.8	41663.7	32340.8	25820.8	20341.4	15572.8	11342.8	7540.6	4451.4	2659.5
-10°	63993.5	49380.0	38157.2	30319.7	24315.1	19161.1	14630.7	10559.2	6931.4	4092.9	2607.0
-12.5°	56106.9	43704.7	34236.5	27793.2	22423.1	17673.0	13439.7	9566.3	6158.0	3637.0	2540.1
-15°	47502.7	38076.8	30964.0	25338.5	20413.8	16011.8	12045.6	8373.9	5227.1	3087.4	2459.2
-17.5°	40280.4	32932.0	27354.3	22540.0	18197.1	14227.1	10550.1	7197.7	4423.4	2683.1	2368.6
-20°	33599.5	28513.2	23999.6	19778.6	15861.8	12240.6	8868.8	5878.0	3640.3	2567.4	2290.7



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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°	28513.2	24493.0	20584.7	16874.3	13502.1	10247.8	7217.3	4598.2	2772.2	2438.9	2203.9
-25°	23999.6	20584.7	17262.2	14149.7	11091.8	8130.8	5514.3	3580.8	2583.7	2320.0	2107.1
-27.5°	19778.6	16874.3	14149.7	11376.1	8640.9	6182.9	4130.9	2689.4	2420.7	2209.3	1991.8
-30°	15861.8	13502.1	11091.8	8640.9	6407.8	4409.4	2891.3	2503.8	2282.5	2087.0	1868.4
-32.5°	12240.6	10247.8	8130.8	6182.9	4409.4	3027.0	2545.8	2327.1	2148.6	1946.7	1766.7
-35°	8868.8	7217.3	5514.3	4130.9	2891.3	2545.8	2342.0	2177.7	1994.3	1810.6	1668.7
-37.5°	5878.0	4598.2	3580.8	2689.4	2503.8	2327.1	2177.7	2010.3	1832.7	1701.1	1583.4
-40°	3640.3	2772.2	2583.7	2420.7	2282.5	2148.6	1994.3	1832.7	1712.0	1599.4	1502.6
-42.5°	2567.4	2438.9	2320.0	2209.3	2087.0	1946.7	1810.6	1701.1	1599.4	1510.5	1400.0
-45°	2290.7	2203.9	2107.1	1991.8	1868.4	1766.7	1668.7	1583.4	1502.6	1400.0	1288.6
-47.5°	2056.1	1966.3	1867.7	1783.4	1702.0	1620.6	1551.5	1477.5	1380.0	1275.7	1138.5
-50°	1811.0	1752.3	1687.7	1622.2	1565.2	1504.5	1427.5	1340.4	1237.2	1113.1	982.6
-52.5°	1630.2	1589.4	1544.5	1495.6	1431.0	1358.5	1279.6	1173.7	1062.7	943.6	818.6
-55°	1491.5	1445.3	1392.1	1334.2	1266.5	1179.0	1086.1	986.2	879.2	767.4	662.8
-57.5°	1314.0	1264.2	1200.5	1131.0	1055.9	973.2	884.2	790.2	699.0	606.2	512.4
-60°	1086.1	1033.6	973.2	907.2	835.9	760.0	686.8	609.4	528.0	456.9	383.1
-62.5°	841.9	792.5	740.6	686.8	628.6	566.2	504.1	445.6	383.9	321.6	274.7
-65°	612.2	572.2	528.0	487.5	443.9	397.1	347.2	304.3	265.4	224.7	184.7
-67.5°	412.6	383.1	350.4	318.3	291.2	262.1	231.0	198.1	173.6	152.2	129.8
-70°	257.5	239.4	219.3	197.3	179.6	164.5	148.4	131.2	113.2	97.7	83.4
-72.5°	153.0	143.8	133.5	122.3	110.1	99.7	89.6	78.8	67.4	55.5	46.0
-75°	85.3	79.6	73.3	66.4	58.8	50.7	45.7	41.9	37.9	33.7	29.4
-77.5°	40.8	38.9	36.8	34.4	31.8	29.1	26.1	23.8	22.7	21.6	20.5
-80°	22.3	21.8	21.3	20.7	20.0	19.4	18.6	17.9	17.0	16.2	15.2
-82.5°	15.2	14.9	14.5	14.0	13.5	13.0	12.5	11.9	11.2	10.6	9.9
-85°	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.6	6.4
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-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: P1305920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-4S-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°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
85°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
82.5°	9.2	8.7	8.2	7.7	7.2	6.7	6.2	5.7	5.2	4.6	4.0
80°	14.3	13.3	12.2	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
77.5°	19.3	18.1	16.8	15.5	14.1	12.7	11.2	9.8	8.6	7.6	6.7
75°	24.8	22.8	21.3	19.7	18.1	16.4	14.7	12.9	11.1	9.2	8.0
72.5°	40.7	35.1	29.4	23.9	22.0	20.0	18.0	16.0	13.9	11.7	9.6
70°	68.4	52.9	43.5	36.8	29.8	23.6	21.4	19.0	16.7	14.2	11.7
67.5°	106.6	89.1	71.1	52.4	42.1	34.0	25.8	22.0	19.4	16.7	13.9
65°	158.8	131.8	104.8	84.1	62.9	45.3	36.2	26.9	22.0	19.0	16.0
62.5°	225.9	180.8	150.2	118.7	92.1	68.2	46.4	36.2	25.8	21.4	18.0
60°	312.7	257.5	200.6	161.2	126.0	94.7	68.2	45.3	34.0	23.6	20.0
57.5°	429.2	343.3	276.7	213.3	164.9	126.0	92.1	62.9	42.1	29.8	22.0
55°	554.7	457.1	361.8	283.1	213.3	161.2	118.7	84.1	52.4	36.8	23.9
52.5°	697.1	577.3	466.5	361.8	276.7	200.6	150.2	104.8	71.1	43.5	29.4
50°	844.4	708.5	577.3	457.1	343.3	257.5	180.8	131.8	89.1	52.9	35.1
47.5°	995.7	844.4	697.1	554.7	429.2	312.7	225.9	158.8	106.6	68.4	40.7
45°	1138.5	982.6	818.6	662.8	512.4	383.1	274.7	184.7	129.8	83.4	46.0
42.5°	1275.7	1113.1	943.6	767.4	606.2	456.9	321.6	224.7	152.2	97.7	55.5
40°	1380.0	1237.2	1062.7	879.2	699.0	528.0	383.9	265.4	173.6	113.2	67.4
37.5°	1477.5	1340.4	1173.7	986.2	790.2	609.4	445.6	304.3	198.1	131.2	78.8
35°	1551.5	1427.5	1279.6	1086.1	884.2	686.8	504.1	347.2	231.0	148.4	89.6
32.5°	1620.6	1504.5	1358.5	1179.0	973.2	760.0	566.2	397.1	262.1	164.5	99.7
30°	1702.0	1565.2	1431.0	1266.5	1055.9	835.9	628.6	443.9	291.2	179.6	110.1
27.5°	1783.4	1622.2	1495.6	1334.2	1131.0	907.2	686.8	487.5	318.3	197.3	122.3
25°	1867.7	1687.7	1544.5	1392.1	1200.5	973.2	740.6	528.0	350.4	219.3	133.5
22.5°	1966.3	1752.3	1589.4	1445.3	1264.2	1033.6	792.5	572.2	383.1	239.4	143.8
20°	2056.1	1811.0	1630.2	1491.5	1314.0	1086.1	841.9	612.2	412.6	257.5	153.0
17.5°	2135.2	1873.9	1676.4	1524.9	1353.3	1132.8	885.9	647.7	438.9	273.7	161.2
15°	2198.4	1939.0	1718.8	1554.2	1387.7	1173.7	924.4	678.7	461.8	287.7	168.4
12.5°	2252.6	1994.7	1755.0	1579.1	1417.0	1208.5	957.1	705.1	481.3	299.6	174.5
10°	2297.4	2040.7	1784.9	1599.7	1441.2	1237.2	984.1	726.8	497.3	309.5	179.5
7.5°	2332.6	2076.8	1808.3	1615.8	1460.1	1259.6	1005.1	743.7	509.9	317.1	183.4
5°	2357.9	2102.7	1825.1	1627.4	1473.6	1275.7	1020.2	755.9	518.8	322.6	186.2
2.5°	2373.1	2118.3	1835.2	1634.4	1481.8	1285.4	1029.3	763.2	524.2	325.9	187.8
0°	2378.2	2123.5	1838.6	1636.7	1484.5	1288.6	1032.3	765.6	526.0	327.0	188.4
-2.5°	2373.1	2118.3	1835.2	1634.4	1481.8	1285.4	1029.3	763.2	524.2	325.9	187.8
-5°	2357.9	2102.7	1825.1	1627.4	1473.6	1275.7	1020.2	755.9	518.8	322.6	186.2
-7.5°	2332.6	2076.8	1808.3	1615.8	1460.1	1259.6	1005.1	743.7	509.9	317.1	183.4
-10°	2297.4	2040.7	1784.9	1599.7	1441.2	1237.2	984.1	726.8	497.3	309.5	179.5
-12.5°	2252.6	1994.7	1755.0	1579.1	1417.0	1208.5	957.1	705.1	481.3	299.6	174.5
-15°	2198.4	1939.0	1718.8	1554.2	1387.7	1173.7	924.4	678.7	461.8	287.7	168.4
-17.5°	2135.2	1873.9	1676.4	1524.9	1353.3	1132.8	885.9	647.7	438.9	273.7	161.2
-20°	2056.1	1811.0	1630.2	1491.5	1314.0	1086.1	841.9	612.2	412.6	257.5	153.0



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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°	1966.3	1752.3	1589.4	1445.3	1264.2	1033.6	792.5	572.2	383.1	239.4	143.8
-25°	1867.7	1687.7	1544.5	1392.1	1200.5	973.2	740.6	528.0	350.4	219.3	133.5
-27.5°	1783.4	1622.2	1495.6	1334.2	1131.0	907.2	686.8	487.5	318.3	197.3	122.3
-30°	1702.0	1565.2	1431.0	1266.5	1055.9	835.9	628.6	443.9	291.2	179.6	110.1
-32.5°	1620.6	1504.5	1358.5	1179.0	973.2	760.0	566.2	397.1	262.1	164.5	99.7
-35°	1551.5	1427.5	1279.6	1086.1	884.2	686.8	504.1	347.2	231.0	148.4	89.6
-37.5°	1477.5	1340.4	1173.7	986.2	790.2	609.4	445.6	304.3	198.1	131.2	78.8
-40°	1380.0	1237.2	1062.7	879.2	699.0	528.0	383.9	265.4	173.6	113.2	67.4
-42.5°	1275.7	1113.1	943.6	767.4	606.2	456.9	321.6	224.7	152.2	97.7	55.5
-45°	1138.5	982.6	818.6	662.8	512.4	383.1	274.7	184.7	129.8	83.4	46.0
-47.5°	995.7	844.4	697.1	554.7	429.2	312.7	225.9	158.8	106.6	68.4	40.7
-50°	844.4	708.5	577.3	457.1	343.3	257.5	180.8	131.8	89.1	52.9	35.1
-52.5°	697.1	577.3	466.5	361.8	276.7	200.6	150.2	104.8	71.1	43.5	29.4
-55°	554.7	457.1	361.8	283.1	213.3	161.2	118.7	84.1	52.4	36.8	23.9
-57.5°	429.2	343.3	276.7	213.3	164.9	126.0	92.1	62.9	42.1	29.8	22.0
-60°	312.7	257.5	200.6	161.2	126.0	94.7	68.2	45.3	34.0	23.6	20.0
-62.5°	225.9	180.8	150.2	118.7	92.1	68.2	46.4	36.2	25.8	21.4	18.0
-65°	158.8	131.8	104.8	84.1	62.9	45.3	36.2	26.9	22.0	19.0	16.0
-67.5°	106.6	89.1	71.1	52.4	42.1	34.0	25.8	22.0	19.4	16.7	13.9
-70°	68.4	52.9	43.5	36.8	29.8	23.6	21.4	19.0	16.7	14.2	11.7
-72.5°	40.7	35.1	29.4	23.9	22.0	20.0	18.0	16.0	13.9	11.7	9.6
-75°	24.8	22.8	21.3	19.7	18.1	16.4	14.7	12.9	11.1	9.2	8.0
-77.5°	19.3	18.1	16.8	15.5	14.1	12.7	11.2	9.8	8.6	7.6	6.7
-80°	14.3	13.3	12.2	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
-82.5°	9.2	8.7	8.2	7.7	7.2	6.7	6.2	5.7	5.2	4.6	4.0
-85°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-87.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
75°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
72.5°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
70°	9.2	7.6	6.1	4.6	3.1	1.5	0.0
67.5°	11.1	8.6	6.9	5.2	3.4	1.7	0.0
65°	12.9	9.8	7.6	5.7	3.8	1.9	0.0
62.5°	14.7	11.2	8.3	6.2	4.2	2.1	0.0
60°	16.4	12.7	9.0	6.7	4.5	2.2	0.0
57.5°	18.1	14.1	10.1	7.2	4.8	2.4	0.0
55°	19.7	15.5	11.2	7.7	5.2	2.6	0.0
52.5°	21.3	16.8	12.2	8.2	5.5	2.7	0.0
50°	22.8	18.1	13.3	8.7	5.8	2.9	0.0
47.5°	24.8	19.3	14.3	9.2	6.1	3.0	0.0
45°	29.4	20.5	15.2	9.9	6.4	3.2	0.0
42.5°	33.7	21.6	16.2	10.6	6.6	3.3	0.0
40°	37.9	22.7	17.0	11.2	6.9	3.4	0.0
37.5°	41.9	23.8	17.9	11.9	7.1	3.6	0.0
35°	45.7	26.1	18.6	12.5	7.4	3.7	0.0
32.5°	50.7	29.1	19.4	13.0	7.6	3.8	0.0
30°	58.8	31.8	20.0	13.5	7.8	3.9	0.0
27.5°	66.4	34.4	20.7	14.0	8.0	4.0	0.0
25°	73.3	36.8	21.3	14.5	8.2	4.1	0.0
22.5°	79.6	38.9	21.8	14.9	8.3	4.2	0.0
20°	85.3	40.8	22.3	15.2	8.5	4.2	0.0
17.5°	90.3	42.5	22.7	15.5	8.6	4.3	0.0
15°	94.7	44.0	23.1	15.8	8.7	4.3	0.0
12.5°	98.4	45.3	23.4	16.1	8.8	4.4	0.0
10°	101.5	46.3	23.6	16.3	8.9	4.4	0.0
7.5°	103.9	47.2	23.8	16.4	8.9	4.5	0.0
5°	105.6	47.7	24.0	16.5	9.0	4.5	0.0
2.5°	106.7	48.1	24.1	16.6	9.0	4.5	0.0
0°	107.0	48.2	24.1	16.6	9.0	4.5	0.0
-2.5°	106.7	48.1	24.1	16.6	9.0	4.5	0.0
-5°	105.6	47.7	24.0	16.5	9.0	4.5	0.0
-7.5°	103.9	47.2	23.8	16.4	8.9	4.5	0.0
-10°	101.5	46.3	23.6	16.3	8.9	4.4	0.0
-12.5°	98.4	45.3	23.4	16.1	8.8	4.4	0.0
-15°	94.7	44.0	23.1	15.8	8.7	4.3	0.0
-17.5°	90.3	42.5	22.7	15.5	8.6	4.3	0.0
-20°	85.3	40.8	22.3	15.2	8.5	4.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	79.6	38.9	21.8	14.9	8.3	4.2	0.0
-25°	73.3	36.8	21.3	14.5	8.2	4.1	0.0
-27.5°	66.4	34.4	20.7	14.0	8.0	4.0	0.0
-30°	58.8	31.8	20.0	13.5	7.8	3.9	0.0
-32.5°	50.7	29.1	19.4	13.0	7.6	3.8	0.0
-35°	45.7	26.1	18.6	12.5	7.4	3.7	0.0
-37.5°	41.9	23.8	17.9	11.9	7.1	3.6	0.0
-40°	37.9	22.7	17.0	11.2	6.9	3.4	0.0
-42.5°	33.7	21.6	16.2	10.6	6.6	3.3	0.0
-45°	29.4	20.5	15.2	9.9	6.4	3.2	0.0
-47.5°	24.8	19.3	14.3	9.2	6.1	3.0	0.0
-50°	22.8	18.1	13.3	8.7	5.8	2.9	0.0
-52.5°	21.3	16.8	12.2	8.2	5.5	2.7	0.0
-55°	19.7	15.5	11.2	7.7	5.2	2.6	0.0
-57.5°	18.1	14.1	10.1	7.2	4.8	2.4	0.0
-60°	16.4	12.7	9.0	6.7	4.5	2.2	0.0
-62.5°	14.7	11.2	8.3	6.2	4.2	2.1	0.0
-65°	12.9	9.8	7.6	5.7	3.8	1.9	0.0
-67.5°	11.1	8.6	6.9	5.2	3.4	1.7	0.0
-70°	9.2	7.6	6.1	4.6	3.1	1.5	0.0
-72.5°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
-75°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-77.5°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
-80°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)