

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: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-5S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-5S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

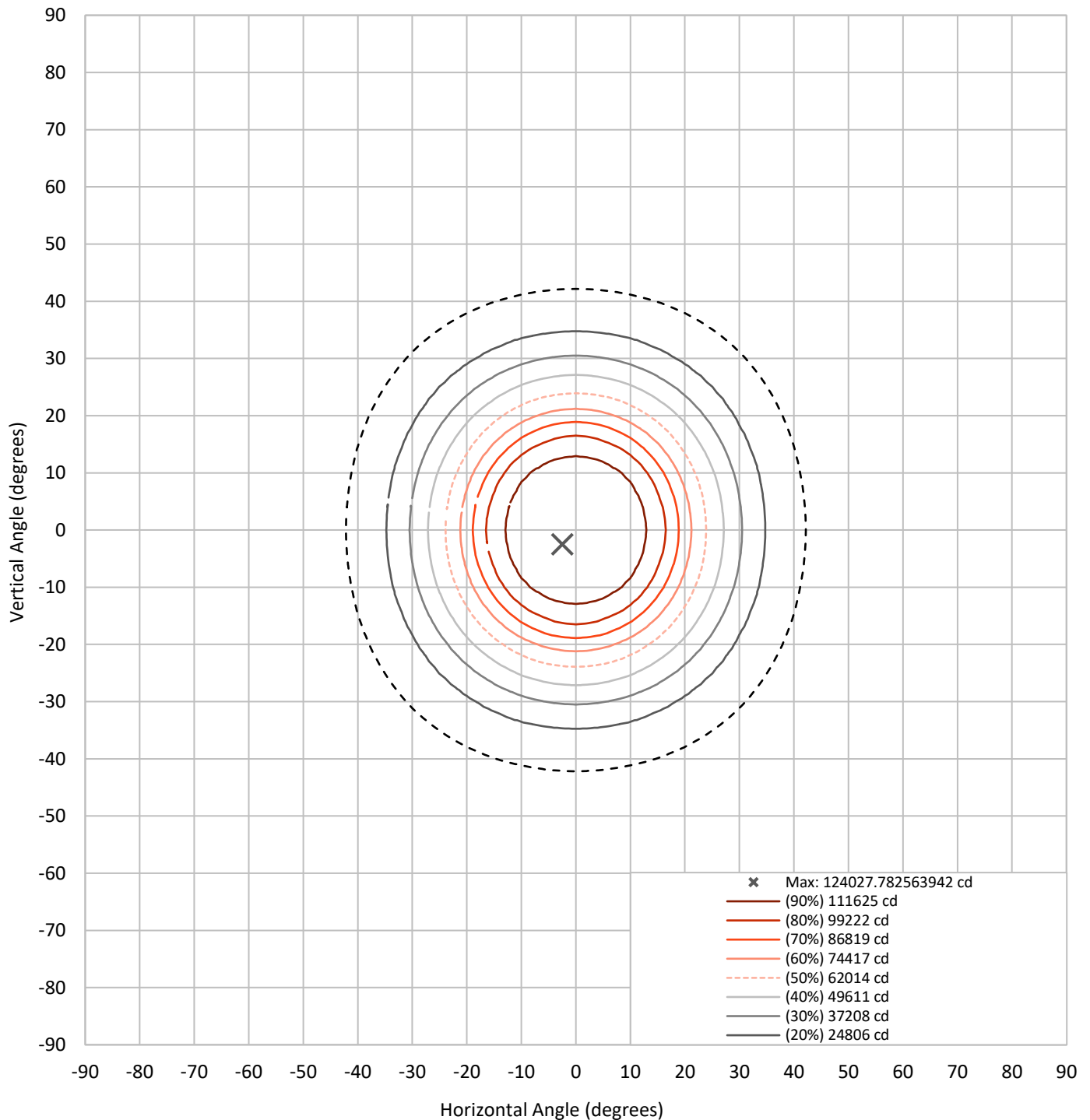
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	90656.8 lumens	Max Intensity:	124027.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	163.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	47.6°H x 47.6°V	Field Angle (10%):	84.3°H x 84.3°V
Beam Lumens:	50858.4 lumens	Field Lumens:	84469.7 lumens
Beam Efficiency:	56.1%	Field Efficiency:	93.2%

Input Watts (W): 554
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Candela Plot





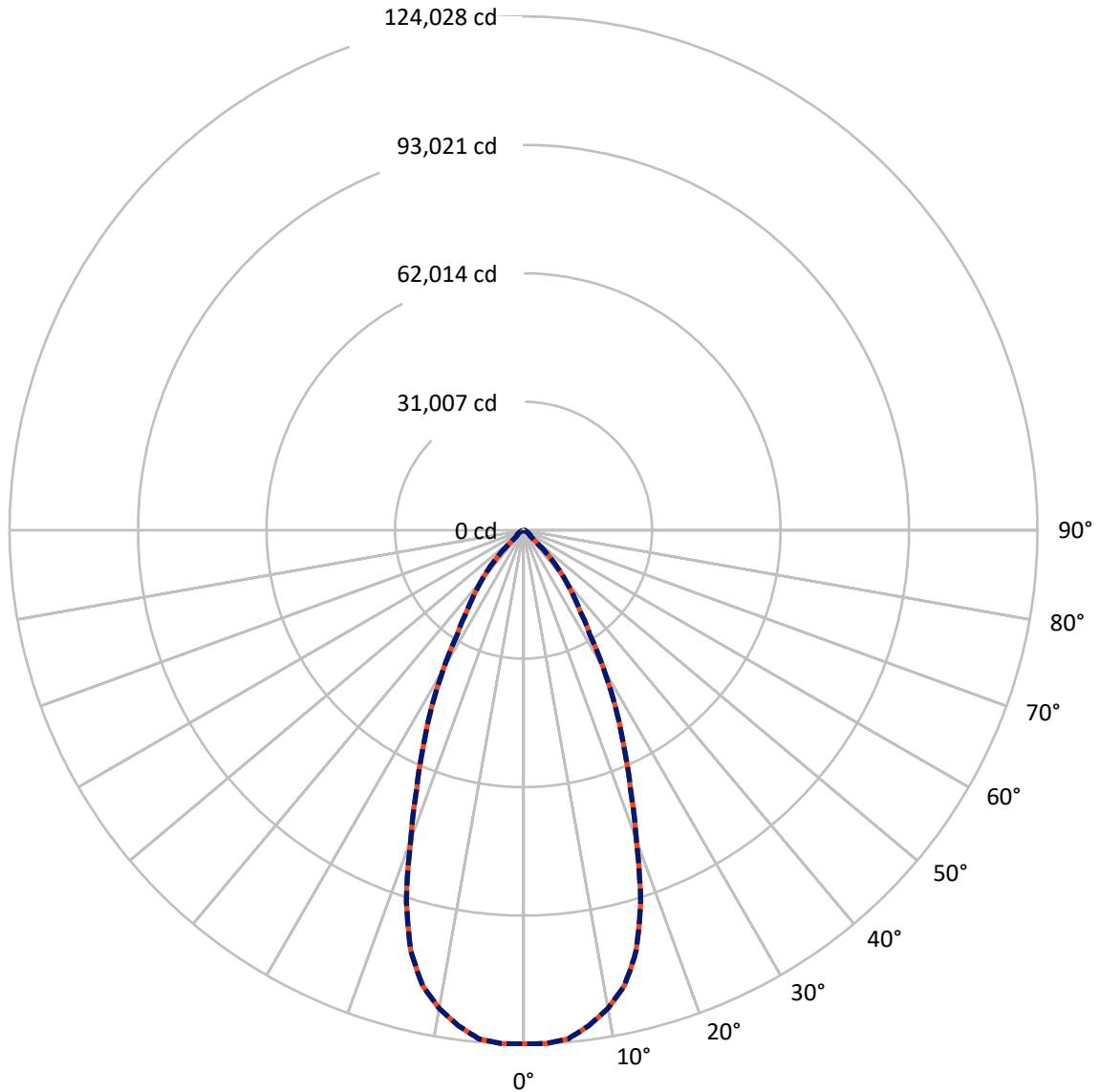
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Lumen Table

90																
80	0.1	0.8		2.9		6.1		7.8		6.1		2.9		0.8	0.1	
70																
60	0.4	0.5	1.5	3.9	8.0	13.1	17.7	20.3	20.3	17.7	13.1	8.0	3.9	1.5	0.5	0.4
50		1.1	4.6	12.5	24.4	37.2	46.9	52.1	52.1	46.9	37.2	24.4	12.5	4.6	1.1	
40	0.9	2.4	10.2	25.9	44.8	80.7	164.3	231.3	231.3	164.3	80.7	44.8	25.9	10.2	2.4	0.9
30		4.3	17.3	38.7	112.5	340.6	575.1	736.8	736.8	575.1	340.6	112.5	38.7	17.3	4.3	
20	1.7	6.3	23.9	63.7	309.5	704.1	1260.1	1691.2	1691.2	1260.1	704.1	309.5	63.7	23.9	6.3	1.7
10		8.0	28.2	123.2	490.8	1185.8	2203.6	3002.2	3002.2	2203.6	1185.8	490.8	123.2	28.2	8.0	
0	2.1	9.0	30.3	168.4	610.8	1545.1	2914.8	3638.4	3638.4	2914.8	1545.1	610.8	168.4	30.3	9.0	2.1
-10		9.0	30.3	168.4	610.8	1545.1	2914.8	3638.4	3638.4	2914.8	1545.1	610.8	168.4	30.3	9.0	
-20	1.7	8.0	28.2	123.2	490.8	1185.8	2203.6	3002.2	3002.2	2203.6	1185.8	490.8	123.2	28.2	8.0	1.7
-30		6.3	23.9	63.7	309.5	704.1	1260.1	1691.2	1691.2	1260.1	704.1	309.5	63.7	23.9	6.3	
-40	0.9	4.3	17.3	38.7	112.5	340.6	575.1	736.8	736.8	575.1	340.6	112.5	38.7	17.3	4.3	0.9
-50		2.4	10.2	25.9	44.8	80.7	164.3	231.3	231.3	164.3	80.7	44.8	25.9	10.2	2.4	
-60	0.4	1.1	4.6	12.5	24.4	37.2	46.9	52.1	52.1	46.9	37.2	24.4	12.5	4.6	1.1	0.4
-70		0.5	1.5	3.9	8.0	13.1	17.7	20.3	20.3	17.7	13.1	8.0	3.9	1.5	0.5	
-80																
-90	0.1	0.8		2.9		6.1		7.8		6.1		2.9		0.8	0.1	

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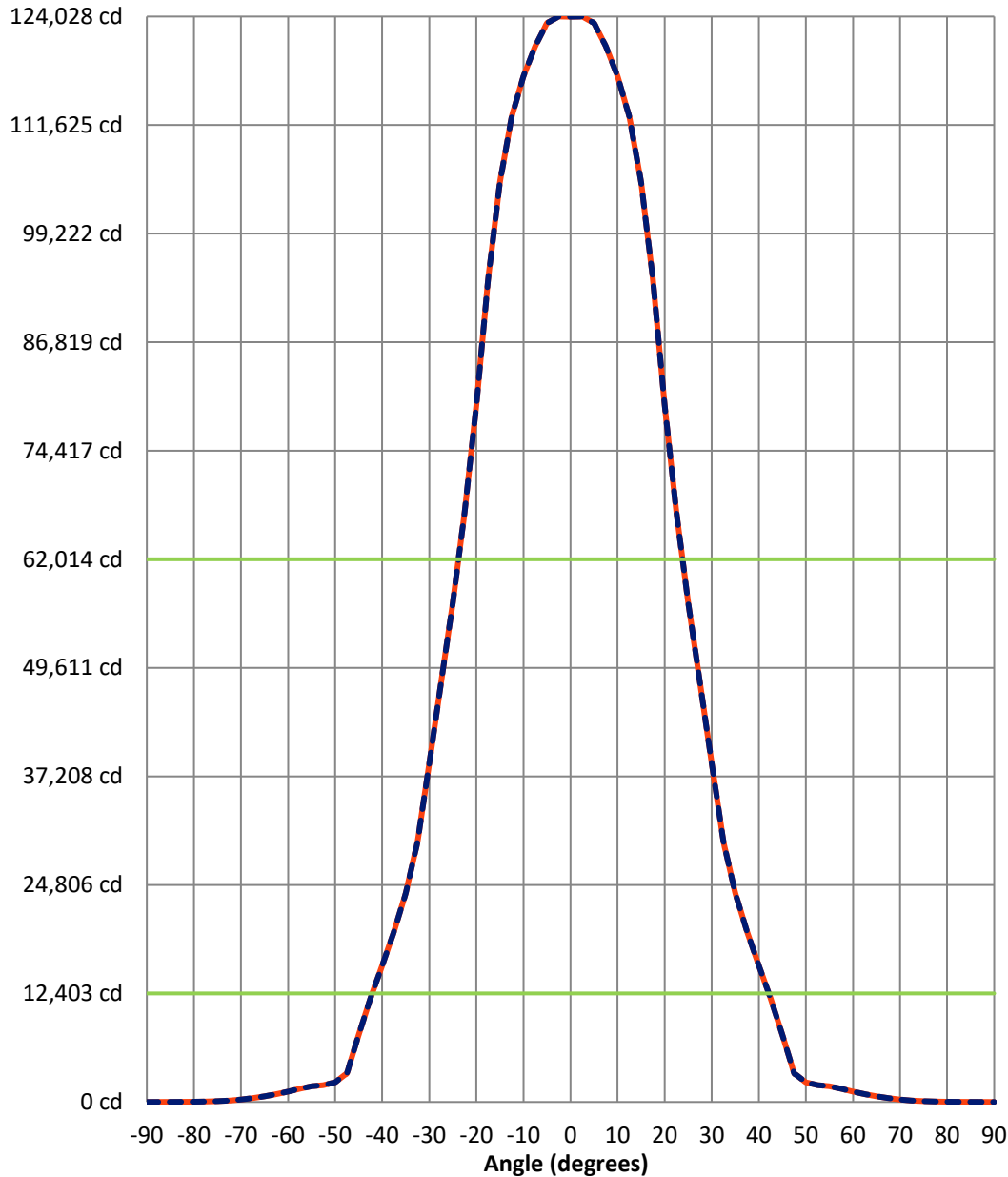
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 47.6°
V Angle: 47.6°
Lumens: 50858.4
Efficiency: 56.1%

Field:
H Angle: 84.3°
V Angle: 84.3°
Lumens: 84469.7
Efficiency: 93.2%

Spill:
Lumens: 6187.1
Efficiency: 6.8%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.9	7.6
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
77.5°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.0	10.2	11.4	12.8
75°	0.0	1.6	3.1	4.6	6.2	7.7	9.2	10.7	12.2	14.1	15.9
72.5°	0.0	1.8	3.6	5.4	7.2	9.0	10.7	12.6	14.7	16.9	19.0
70°	0.0	2.1	4.1	6.1	8.2	10.2	12.2	14.7	17.2	19.7	23.0
67.5°	0.0	2.3	4.6	6.9	9.1	11.4	14.1	16.9	19.7	23.5	27.2
65°	0.0	2.5	5.1	7.6	10.1	12.8	15.9	19.0	23.0	27.2	32.9
62.5°	0.0	2.8	5.5	8.3	11.0	14.2	17.7	21.6	26.3	31.8	42.2
60°	0.0	3.0	6.0	9.0	12.0	15.7	19.4	24.4	29.5	40.0	51.3
57.5°	0.0	3.2	6.4	9.7	13.1	17.1	21.7	27.2	35.8	48.1	65.1
55°	0.0	3.4	6.9	10.3	14.2	18.5	24.0	29.8	42.8	57.3	80.9
52.5°	0.0	3.7	7.3	10.9	15.2	19.9	26.2	35.4	49.5	71.1	96.2
50°	0.0	3.9	7.7	11.6	16.3	21.7	28.3	41.1	57.7	84.5	117.1
47.5°	0.0	4.1	8.1	12.2	17.3	23.4	30.8	46.7	69.2	97.5	138.1
45°	0.0	4.2	8.5	12.9	18.2	25.1	35.4	52.0	80.3	115.5	158.3
42.5°	0.0	4.4	8.8	13.6	19.2	26.7	39.7	59.6	90.9	132.9	192.6
40°	0.0	4.6	9.2	14.2	20.2	28.2	43.9	68.5	102.6	149.6	228.0
37.5°	0.0	4.8	9.5	14.9	21.4	29.6	47.9	76.9	116.6	169.5	261.7
35°	0.0	4.9	9.8	15.5	22.4	32.1	51.7	84.9	130.0	198.1	298.2
32.5°	0.0	5.1	10.1	16.0	23.5	35.1	56.1	92.4	142.5	225.1	339.3
30°	0.0	5.2	10.4	16.5	24.4	37.8	62.1	100.2	154.2	250.4	377.9
27.5°	0.0	5.3	10.6	17.0	25.3	40.4	67.7	109.7	168.8	273.9	413.8
25°	0.0	5.4	10.9	17.5	26.1	42.8	72.8	118.4	188.0	300.8	447.2
22.5°	0.0	5.5	11.1	17.9	26.9	44.9	77.5	126.4	205.4	327.7	485.0
20°	0.0	5.6	11.3	18.2	27.5	46.8	81.7	133.6	221.2	352.1	519.1
17.5°	0.0	5.7	11.4	18.5	28.1	48.5	85.4	140.0	235.2	373.7	549.5
15°	0.0	5.8	11.6	18.8	28.7	50.0	88.7	145.5	247.4	392.6	576.0
12.5°	0.0	5.9	11.7	19.1	29.1	51.3	91.5	150.3	257.7	408.7	598.6
10°	0.0	5.9	11.8	19.3	29.5	52.3	93.7	154.2	266.3	421.9	617.1
7.5°	0.0	5.9	11.9	19.4	29.7	53.2	95.5	157.2	272.9	432.2	631.6
5°	0.0	6.0	12.0	19.5	29.9	53.7	96.8	159.4	277.7	439.6	642.0
2.5°	0.0	6.0	12.0	19.6	30.1	54.1	97.5	160.7	280.5	444.0	648.2
0°	0.0	6.0	12.0	19.6	30.1	54.2	97.8	161.1	281.5	445.5	650.3
-2.5°	0.0	6.0	12.0	19.6	30.1	54.2	97.8	161.1	281.5	445.5	650.3
-5°	0.0	6.0	12.0	19.5	29.9	53.7	96.8	159.4	277.7	439.6	642.0
-7.5°	0.0	5.9	11.9	19.4	29.7	53.2	95.5	157.2	272.9	432.2	631.6
-10°	0.0	5.9	11.8	19.3	29.5	52.3	93.7	154.2	266.3	421.9	617.1
-12.5°	0.0	5.9	11.7	19.1	29.1	51.3	91.5	150.3	257.7	408.7	598.6
-15°	0.0	5.8	11.6	18.8	28.7	50.0	88.7	145.5	247.4	392.6	576.0
-17.5°	0.0	5.7	11.4	18.5	28.1	48.5	85.4	140.0	235.2	373.7	549.5
-20°	0.0	5.6	11.3	18.2	27.5	46.8	81.7	133.6	221.2	352.1	519.1



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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	5.5	11.1	17.9	26.9	44.9	77.5	126.4	205.4	327.7	485.0
-25°	0.0	5.4	10.9	17.5	26.1	42.8	72.8	118.4	188.0	300.8	447.2
-27.5°	0.0	5.3	10.6	17.0	25.3	40.4	67.7	109.7	168.8	273.9	413.8
-30°	0.0	5.2	10.4	16.5	24.4	37.8	62.1	100.2	154.2	250.4	377.9
-32.5°	0.0	5.1	10.1	16.0	23.5	35.1	56.1	92.4	142.5	225.1	339.3
-35°	0.0	4.9	9.8	15.5	22.4	32.1	51.7	84.9	130.0	198.1	298.2
-37.5°	0.0	4.8	9.5	14.9	21.4	29.6	47.9	76.9	116.6	169.5	261.7
-40°	0.0	4.6	9.2	14.2	20.2	28.2	43.9	68.5	102.6	149.6	228.0
-42.5°	0.0	4.4	8.8	13.6	19.2	26.7	39.7	59.6	90.9	132.9	192.6
-45°	0.0	4.2	8.5	12.9	18.2	25.1	35.4	52.0	80.3	115.5	158.3
-47.5°	0.0	4.1	8.1	12.2	17.3	23.4	30.8	46.7	69.2	97.5	138.1
-50°	0.0	3.9	7.7	11.6	16.3	21.7	28.3	41.1	57.7	84.5	117.1
-52.5°	0.0	3.7	7.3	10.9	15.2	19.9	26.2	35.4	49.5	71.1	96.2
-55°	0.0	3.4	6.9	10.3	14.2	18.5	24.0	29.8	42.8	57.3	80.9
-57.5°	0.0	3.2	6.4	9.7	13.1	17.1	21.7	27.2	35.8	48.1	65.1
-60°	0.0	3.0	6.0	9.0	12.0	15.7	19.4	24.4	29.5	40.0	51.3
-62.5°	0.0	2.8	5.5	8.3	11.0	14.2	17.7	21.6	26.3	31.8	42.2
-65°	0.0	2.5	5.1	7.6	10.1	12.8	15.9	19.0	23.0	27.2	32.9
-67.5°	0.0	2.3	4.6	6.9	9.1	11.4	14.1	16.9	19.7	23.5	27.2
-70°	0.0	2.1	4.1	6.1	8.2	10.2	12.2	14.7	17.2	19.7	23.0
-72.5°	0.0	1.8	3.6	5.4	7.2	9.0	10.7	12.6	14.7	16.9	19.0
-75°	0.0	1.6	3.1	4.6	6.2	7.7	9.2	10.7	12.2	14.1	15.9
-77.5°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.0	10.2	11.4	12.8
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.9	7.6
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
82.5°	8.3	9.0	9.7	10.3	10.9	11.6	12.2	12.9	13.6	14.2	14.9
80°	11.0	12.0	13.1	14.2	15.2	16.3	17.3	18.2	19.2	20.2	21.4
77.5°	14.2	15.7	17.1	18.5	19.9	21.7	23.4	25.1	26.7	28.2	29.6
75°	17.7	19.4	21.7	24.0	26.2	28.3	30.8	35.4	39.7	43.9	47.9
72.5°	21.6	24.4	27.2	29.8	35.4	41.1	46.7	52.0	59.6	68.5	76.9
70°	26.3	29.5	35.8	42.8	49.5	57.7	69.2	80.3	90.9	102.6	116.6
67.5°	31.8	40.0	48.1	57.3	71.1	84.5	97.5	115.5	132.9	149.6	169.5
65°	42.2	51.3	65.1	80.9	96.2	117.1	138.1	158.3	192.6	228.0	261.7
62.5°	52.4	69.0	86.7	106.9	131.4	155.2	193.7	236.1	276.9	328.4	379.2
60°	69.0	88.7	112.6	140.0	171.7	221.2	269.1	327.7	388.5	447.2	516.8
57.5°	86.7	112.6	142.9	182.8	237.8	294.9	365.7	434.3	514.1	593.4	673.4
55°	106.9	140.0	182.8	243.3	310.1	388.7	470.0	562.4	652.0	756.7	856.9
52.5°	131.4	171.7	237.8	310.1	396.4	489.4	591.7	699.9	817.0	934.4	1059.5
50°	155.2	221.2	294.9	388.7	489.4	601.5	724.1	853.5	991.3	1131.2	1275.9
47.5°	193.7	269.1	365.7	470.0	591.7	724.1	865.8	1019.9	1174.6	1342.3	1505.6
45°	236.1	327.7	434.3	562.4	699.9	853.5	1019.9	1189.1	1375.7	1551.0	1701.1
42.5°	276.9	388.5	514.1	652.0	817.0	991.3	1174.6	1375.7	1565.7	1731.0	1840.6
40°	328.4	447.2	593.4	756.7	934.4	1131.2	1342.3	1551.0	1731.0	1847.4	1923.0
37.5°	379.2	516.8	673.4	856.9	1059.5	1275.9	1505.6	1701.1	1840.6	1923.0	2124.4
35°	427.5	583.0	761.4	960.7	1178.9	1421.7	1642.0	1820.3	1909.1	2106.0	2479.5
32.5°	479.9	645.5	844.8	1065.5	1306.2	1554.5	1770.3	1881.7	2051.2	2358.8	3098.2
30°	533.2	716.1	926.8	1164.1	1427.6	1667.4	1841.2	1961.0	2212.8	2913.6	4910.7
27.5°	583.0	783.0	1011.4	1265.5	1537.9	1773.3	1892.1	2103.2	2610.1	3851.4	7276.6
25°	628.9	844.8	1089.8	1362.6	1628.9	1832.2	1960.2	2235.9	3068.7	5928.5	9394.9
22.5°	675.5	901.5	1161.6	1451.6	1712.4	1872.7	2073.8	2588.0	4083.5	7850.4	11338.4
20°	721.8	960.7	1231.7	1530.3	1788.2	1909.4	2177.2	2947.5	5721.8	9508.6	13000.4
17.5°	763.0	1013.4	1297.5	1592.4	1825.2	1967.3	2303.3	3270.3	7196.3	11004.6	14445.8
15°	799.0	1059.5	1355.1	1646.8	1851.7	2042.3	2565.3	4342.8	8452.4	12287.5	15728.8
12.5°	829.7	1098.8	1404.2	1693.3	1874.4	2106.5	2789.8	5372.8	9502.4	13307.0	16881.0
10°	854.9	1131.2	1444.7	1731.6	1893.1	2159.4	2975.4	6225.7	10373.1	14154.1	17840.5
7.5°	874.6	1156.4	1476.4	1761.5	1907.7	2201.0	3121.1	6895.6	11058.0	14821.4	18597.7
5°	888.8	1174.6	1499.1	1783.0	1918.3	2230.8	3225.8	7377.7	11551.3	15302.6	19144.7
2.5°	897.3	1185.5	1512.7	1796.0	1924.6	2248.8	3288.9	7668.4	11849.0	15593.3	19475.4
0°	900.1	1189.1	1517.3	1800.3	1926.7	2254.8	3310.0	7765.5	11948.5	15690.5	19586.0
-2.5°	897.3	1185.5	1512.7	1796.0	1924.6	2248.8	3288.9	7668.4	11849.0	15593.3	19475.4
-5°	888.8	1174.6	1499.1	1783.0	1918.3	2230.8	3225.8	7377.7	11551.3	15302.6	19144.7
-7.5°	874.6	1156.4	1476.4	1761.5	1907.7	2201.0	3121.1	6895.6	11058.0	14821.4	18597.7
-10°	854.9	1131.2	1444.7	1731.6	1893.1	2159.4	2975.4	6225.7	10373.1	14154.1	17840.5
-12.5°	829.7	1098.8	1404.2	1693.3	1874.4	2106.5	2789.8	5372.8	9502.4	13307.0	16881.0
-15°	799.0	1059.5	1355.1	1646.8	1851.7	2042.3	2565.3	4342.8	8452.4	12287.5	15728.8
-17.5°	763.0	1013.4	1297.5	1592.4	1825.2	1967.3	2303.3	3270.3	7196.3	11004.6	14445.8
-20°	721.8	960.7	1231.7	1530.3	1788.2	1909.4	2177.2	2947.5	5721.8	9508.6	13000.4



REPORT NUMBER: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	675.5	901.5	1161.6	1451.6	1712.4	1872.7	2073.8	2588.0	4083.5	7850.4	11338.4
-25°	628.9	844.8	1089.8	1362.6	1628.9	1832.2	1960.2	2235.9	3068.7	5928.5	9394.9
-27.5°	583.0	783.0	1011.4	1265.5	1537.9	1773.3	1892.1	2103.2	2610.1	3851.4	7276.6
-30°	533.2	716.1	926.8	1164.1	1427.6	1667.4	1841.2	1961.0	2212.8	2913.6	4910.7
-32.5°	479.9	645.5	844.8	1065.5	1306.2	1554.5	1770.3	1881.7	2051.2	2358.8	3098.2
-35°	427.5	583.0	761.4	960.7	1178.9	1421.7	1642.0	1820.3	1909.1	2106.0	2479.5
-37.5°	379.2	516.8	673.4	856.9	1059.5	1275.9	1505.6	1701.1	1840.6	1923.0	2124.4
-40°	328.4	447.2	593.4	756.7	934.4	1131.2	1342.3	1551.0	1731.0	1847.4	1923.0
-42.5°	276.9	388.5	514.1	652.0	817.0	991.3	1174.6	1375.7	1565.7	1731.0	1840.6
-45°	236.1	327.7	434.3	562.4	699.9	853.5	1019.9	1189.1	1375.7	1551.0	1701.1
-47.5°	193.7	269.1	365.7	470.0	591.7	724.1	865.8	1019.9	1174.6	1342.3	1505.6
-50°	155.2	221.2	294.9	388.7	489.4	601.5	724.1	853.5	991.3	1131.2	1275.9
-52.5°	131.4	171.7	237.8	310.1	396.4	489.4	591.7	699.9	817.0	934.4	1059.5
-55°	106.9	140.0	182.8	243.3	310.1	388.7	470.0	562.4	652.0	756.7	856.9
-57.5°	86.7	112.6	142.9	182.8	237.8	294.9	365.7	434.3	514.1	593.4	673.4
-60°	69.0	88.7	112.6	140.0	171.7	221.2	269.1	327.7	388.5	447.2	516.8
-62.5°	52.4	69.0	86.7	106.9	131.4	155.2	193.7	236.1	276.9	328.4	379.2
-65°	42.2	51.3	65.1	80.9	96.2	117.1	138.1	158.3	192.6	228.0	261.7
-67.5°	31.8	40.0	48.1	57.3	71.1	84.5	97.5	115.5	132.9	149.6	169.5
-70°	26.3	29.5	35.8	42.8	49.5	57.7	69.2	80.3	90.9	102.6	116.6
-72.5°	21.6	24.4	27.2	29.8	35.4	41.1	46.7	52.0	59.6	68.5	76.9
-75°	17.7	19.4	21.7	24.0	26.2	28.3	30.8	35.4	39.7	43.9	47.9
-77.5°	14.2	15.7	17.1	18.5	19.9	21.7	23.4	25.1	26.7	28.2	29.6
-80°	11.0	12.0	13.1	14.2	15.2	16.3	17.3	18.2	19.2	20.2	21.4
-82.5°	8.3	9.0	9.7	10.3	10.9	11.6	12.2	12.9	13.6	14.2	14.9
-85°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305921 (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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	9.8	10.1	10.4	10.6	10.9	11.1	11.3	11.4	11.6	11.7	11.8
82.5°	15.5	16.0	16.5	17.0	17.5	17.9	18.2	18.5	18.8	19.1	19.3
80°	22.4	23.5	24.4	25.3	26.1	26.9	27.5	28.1	28.7	29.1	29.5
77.5°	32.1	35.1	37.8	40.4	42.8	44.9	46.8	48.5	50.0	51.3	52.3
75°	51.7	56.1	62.1	67.7	72.8	77.5	81.7	85.4	88.7	91.5	93.7
72.5°	84.9	92.4	100.2	109.7	118.4	126.4	133.6	140.0	145.5	150.3	154.2
70°	130.0	142.5	154.2	168.8	188.0	205.4	221.2	235.2	247.4	257.7	266.3
67.5°	198.1	225.1	250.4	273.9	300.8	327.7	352.1	373.7	392.6	408.7	421.9
65°	298.2	339.3	377.9	413.8	447.2	485.0	519.1	549.5	576.0	598.6	617.1
62.5°	427.5	479.9	533.2	583.0	628.9	675.5	721.8	763.0	799.0	829.7	854.9
60°	583.0	645.5	716.1	783.0	844.8	901.5	960.7	1013.4	1059.5	1098.8	1131.2
57.5°	761.4	844.8	926.8	1011.4	1089.8	1161.6	1231.7	1297.5	1355.1	1404.2	1444.7
55°	960.7	1065.5	1164.1	1265.5	1362.6	1451.6	1530.3	1592.4	1646.8	1693.3	1731.6
52.5°	1178.9	1306.2	1427.6	1537.9	1628.9	1712.4	1788.2	1825.2	1851.7	1874.4	1893.1
50°	1421.7	1554.5	1667.4	1773.3	1832.2	1872.7	1909.4	1967.3	2042.3	2106.5	2159.4
47.5°	1642.0	1770.3	1841.2	1892.1	1960.2	2073.8	2177.2	2303.3	2565.3	2789.8	2975.4
45°	1820.3	1881.7	1961.0	2103.2	2235.9	2588.0	2947.5	3270.3	4342.8	5372.8	6225.7
42.5°	1909.1	2051.2	2212.8	2610.1	3068.7	4083.5	5721.8	7196.3	8452.4	9502.4	10373.1
40°	2106.0	2358.8	2913.6	3851.4	5928.5	7850.4	9508.6	11004.6	12287.5	13307.0	14154.1
37.5°	2479.5	3098.2	4910.7	7276.6	9394.9	11338.4	13000.4	14445.8	15728.8	16881.0	17840.5
35°	3160.2	5446.3	8077.8	10445.7	12602.0	14467.2	16207.1	17831.7	19276.8	20655.1	21840.7
32.5°	5446.3	8336.9	10977.7	13334.3	15467.7	17539.6	19465.2	21438.9	23215.3	25016.0	26749.4
30°	8077.8	10977.7	13580.6	15986.9	18355.2	20717.3	23066.0	25626.4	28208.5	30748.2	33659.2
27.5°	10445.7	13334.3	15986.9	18629.8	21361.9	24085.6	27468.6	30928.0	35233.8	39010.7	42262.5
25°	12602.0	15467.7	18355.2	21361.9	24537.3	28407.6	33173.8	38335.4	43091.0	47299.5	50854.8
22.5°	14467.2	17539.6	20717.3	24085.6	28407.6	33933.0	39939.4	45621.9	50789.5	55363.9	59514.9
20°	16207.1	19465.2	23066.0	27468.6	33173.8	39939.4	46480.3	52580.6	58273.6	63963.0	69069.3
17.5°	17831.7	21438.9	25626.4	30928.0	38335.4	45621.9	52580.6	59361.0	66269.1	73450.6	80012.1
15°	19276.8	23215.3	28208.5	35233.8	43091.0	50789.5	58273.6	66269.1	74953.4	83713.0	92302.8
12.5°	20655.1	25016.0	30748.2	39010.7	47299.5	55363.9	63963.0	73450.6	83713.0	94389.1	101769.9
10°	21840.7	26749.4	33659.2	42262.5	50854.8	59514.9	69069.3	80012.1	92302.8	101769.9	108868.9
7.5°	22778.4	28124.2	35976.0	44861.6	53705.0	63101.3	73877.8	86286.2	98379.2	107438.5	113176.6
5°	23457.0	29121.3	37660.8	46758.3	55794.0	65745.3	77450.2	91046.6	102491.4	110735.9	115790.1
2.5°	23867.8	29725.8	38684.2	47913.3	57070.3	67367.4	79654.6	94008.1	105080.7	112562.7	117193.9
0°	24005.3	29928.4	39027.5	48301.2	57499.6	67914.3	80400.2	95014.4	105966.4	113123.8	117674.1
-2.5°	23867.8	29725.8	38684.2	47913.3	57070.3	67367.4	79654.6	94008.1	105080.7	112562.7	117193.9
-5°	23457.0	29121.3	37660.8	46758.3	55794.0	65745.3	77450.2	91046.6	102491.4	110735.9	115790.1
-7.5°	22778.4	28124.2	35976.0	44861.6	53705.0	63101.3	73877.8	86286.2	98379.2	107438.5	113176.6
-10°	21840.7	26749.4	33659.2	42262.5	50854.8	59514.9	69069.3	80012.1	92302.8	101769.9	108868.9
-12.5°	20655.1	25016.0	30748.2	39010.7	47299.5	55363.9	63963.0	73450.6	83713.0	94389.1	101769.9
-15°	19276.8	23215.3	28208.5	35233.8	43091.0	50789.5	58273.6	66269.1	74953.4	83713.0	92302.8
-17.5°	17831.7	21438.9	25626.4	30928.0	38335.4	45621.9	52580.6	59361.0	66269.1	73450.6	80012.1
-20°	16207.1	19465.2	23066.0	27468.6	33173.8	39939.4	46480.3	52580.6	58273.6	63963.0	69069.3



REPORT NUMBER: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14467.2	17539.6	20717.3	24085.6	28407.6	33933.0	39939.4	45621.9	50789.5	55363.9	59514.9
-25°	12602.0	15467.7	18355.2	21361.9	24537.3	28407.6	33173.8	38335.4	43091.0	47299.5	50854.8
-27.5°	10445.7	13334.3	15986.9	18629.8	21361.9	24085.6	27468.6	30928.0	35233.8	39010.7	42262.5
-30°	8077.8	10977.7	13580.6	15986.9	18355.2	20717.3	23066.0	25626.4	28208.5	30748.2	33659.2
-32.5°	5446.3	8336.9	10977.7	13334.3	15467.7	17539.6	19465.2	21438.9	23215.3	25016.0	26749.4
-35°	3160.2	5446.3	8077.8	10445.7	12602.0	14467.2	16207.1	17831.7	19276.8	20655.1	21840.7
-37.5°	2479.5	3098.2	4910.7	7276.6	9394.9	11338.4	13000.4	14445.8	15728.8	16881.0	17840.5
-40°	2106.0	2358.8	2913.6	3851.4	5928.5	7850.4	9508.6	11004.6	12287.5	13307.0	14154.1
-42.5°	1909.1	2051.2	2212.8	2610.1	3068.7	4083.5	5721.8	7196.3	8452.4	9502.4	10373.1
-45°	1820.3	1881.7	1961.0	2103.2	2235.9	2588.0	2947.5	3270.3	4342.8	5372.8	6225.7
-47.5°	1642.0	1770.3	1841.2	1892.1	1960.2	2073.8	2177.2	2303.3	2565.3	2789.8	2975.4
-50°	1421.7	1554.5	1667.4	1773.3	1832.2	1872.7	1909.4	1967.3	2042.3	2106.5	2159.4
-52.5°	1178.9	1306.2	1427.6	1537.9	1628.9	1712.4	1788.2	1825.2	1851.7	1874.4	1893.1
-55°	960.7	1065.5	1164.1	1265.5	1362.6	1451.6	1530.3	1592.4	1646.8	1693.3	1731.6
-57.5°	761.4	844.8	926.8	1011.4	1089.8	1161.6	1231.7	1297.5	1355.1	1404.2	1444.7
-60°	583.0	645.5	716.1	783.0	844.8	901.5	960.7	1013.4	1059.5	1098.8	1131.2
-62.5°	427.5	479.9	533.2	583.0	628.9	675.5	721.8	763.0	799.0	829.7	854.9
-65°	298.2	339.3	377.9	413.8	447.2	485.0	519.1	549.5	576.0	598.6	617.1
-67.5°	198.1	225.1	250.4	273.9	300.8	327.7	352.1	373.7	392.6	408.7	421.9
-70°	130.0	142.5	154.2	168.8	188.0	205.4	221.2	235.2	247.4	257.7	266.3
-72.5°	84.9	92.4	100.2	109.7	118.4	126.4	133.6	140.0	145.5	150.3	154.2
-75°	51.7	56.1	62.1	67.7	72.8	77.5	81.7	85.4	88.7	91.5	93.7
-77.5°	32.1	35.1	37.8	40.4	42.8	44.9	46.8	48.5	50.0	51.3	52.3
-80°	22.4	23.5	24.4	25.3	26.1	26.9	27.5	28.1	28.7	29.1	29.5
-82.5°	15.5	16.0	16.5	17.0	17.5	17.9	18.2	18.5	18.8	19.1	19.3
-85°	9.8	10.1	10.4	10.6	10.9	11.1	11.3	11.4	11.6	11.7	11.8
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4
82.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.8	18.5
80°	29.7	29.9	30.1	30.1	30.1	29.9	29.7	29.5	29.1	28.7	28.1
77.5°	53.2	53.7	54.1	54.2	54.1	53.7	53.2	52.3	51.3	50.0	48.5
75°	95.5	96.8	97.5	97.8	97.5	96.8	95.5	93.7	91.5	88.7	85.4
72.5°	157.2	159.4	160.7	161.1	160.7	159.4	157.2	154.2	150.3	145.5	140.0
70°	272.9	277.7	280.5	281.5	280.5	277.7	272.9	266.3	257.7	247.4	235.2
67.5°	432.2	439.6	444.0	445.5	444.0	439.6	432.2	421.9	408.7	392.6	373.7
65°	631.6	642.0	648.2	650.3	648.2	642.0	631.6	617.1	598.6	576.0	549.5
62.5°	874.6	888.8	897.3	900.1	897.3	888.8	874.6	854.9	829.7	799.0	763.0
60°	1156.4	1174.6	1185.5	1189.1	1185.5	1174.6	1156.4	1131.2	1098.8	1059.5	1013.4
57.5°	1476.4	1499.1	1512.7	1517.3	1512.7	1499.1	1476.4	1444.7	1404.2	1355.1	1297.5
55°	1761.5	1783.0	1796.0	1800.3	1796.0	1783.0	1761.5	1731.6	1693.3	1646.8	1592.4
52.5°	1907.7	1918.3	1924.6	1926.7	1924.6	1918.3	1907.7	1893.1	1874.4	1851.7	1825.2
50°	2201.0	2230.8	2248.8	2254.8	2248.8	2230.8	2201.0	2159.4	2106.5	2042.3	1967.3
47.5°	3121.1	3225.8	3288.9	3310.0	3288.9	3225.8	3121.1	2975.4	2789.8	2565.3	2303.3
45°	6895.6	7377.7	7668.4	7765.5	7668.4	7377.7	6895.6	6225.7	5372.8	4342.8	3270.3
42.5°	11058.0	11551.3	11849.0	11948.5	11849.0	11551.3	11058.0	10373.1	9502.4	8452.4	7196.3
40°	14821.4	15302.6	15593.3	15690.5	15593.3	15302.6	14821.4	14154.1	13307.0	12287.5	11004.6
37.5°	18597.7	19144.7	19475.4	19586.0	19475.4	19144.7	18597.7	17840.5	16881.0	15728.8	14445.8
35°	22778.4	23457.0	23867.8	24005.3	23867.8	23457.0	22778.4	21840.7	20655.1	19276.8	17831.7
32.5°	28124.2	29121.3	29725.8	29928.4	29725.8	29121.3	28124.2	26749.4	25016.0	23215.3	21438.9
30°	35976.0	37660.8	38684.2	39027.5	38684.2	37660.8	35976.0	33659.2	30748.2	28208.5	25626.4
27.5°	44861.6	46758.3	47913.3	48301.2	47913.3	46758.3	44861.6	42262.5	39010.7	35233.8	30928.0
25°	53705.0	55794.0	57070.3	57499.6	57070.3	55794.0	53705.0	50854.8	47299.5	43091.0	38335.4
22.5°	63101.3	65745.3	67367.4	67914.3	67367.4	65745.3	63101.3	59514.9	55363.9	50789.5	45621.9
20°	73877.8	77450.2	79654.6	80400.2	79654.6	77450.2	73877.8	69069.3	63963.0	58273.6	52580.6
17.5°	86286.2	91046.6	94008.1	95014.4	94008.1	91046.6	86286.2	80012.1	73450.6	66269.1	59361.0
15°	98379.2	102491.4	105080.7	105966.4	105080.7	102491.4	98379.2	92302.8	83713.0	74953.4	66269.1
12.5°	107438.5	110735.9	112562.7	113123.8	112562.7	110735.9	107438.5	101769.9	94389.1	83713.0	73450.6
10°	113176.6	115790.1	117193.9	117674.1	117193.9	115790.1	113176.6	108868.9	101769.9	92302.8	80012.1
7.5°	116742.0	119174.8	120636.2	121151.2	120636.2	119174.8	116742.0	113176.6	107438.5	98379.2	86286.2
5°	119174.8	121704.4	123273.6	123752.2	123273.6	121704.4	119174.8	115790.1	110735.9	102491.4	91046.6
2.5°	120636.2	123273.6	124027.8	124002.0	124027.8	123273.6	120636.2	117193.9	112562.7	105080.7	94008.1
0°	121151.2	123752.2	124002.0	123523.4	124002.0	123752.2	121151.2	117674.1	113123.8	105966.4	95014.4
-2.5°	120636.2	123273.6	124027.8	124002.0	124027.8	123273.6	120636.2	117193.9	112562.7	105080.7	94008.1
-5°	119174.8	121704.4	123273.6	123752.2	123273.6	121704.4	119174.8	115790.1	110735.9	102491.4	91046.6
-7.5°	116742.0	119174.8	120636.2	121151.2	120636.2	119174.8	116742.0	113176.6	107438.5	98379.2	86286.2
-10°	113176.6	115790.1	117193.9	117674.1	117193.9	115790.1	113176.6	108868.9	101769.9	92302.8	80012.1
-12.5°	107438.5	110735.9	112562.7	113123.8	112562.7	110735.9	107438.5	101769.9	94389.1	83713.0	73450.6
-15°	98379.2	102491.4	105080.7	105966.4	105080.7	102491.4	98379.2	92302.8	83713.0	74953.4	66269.1
-17.5°	86286.2	91046.6	94008.1	95014.4	94008.1	91046.6	86286.2	80012.1	73450.6	66269.1	59361.0
-20°	73877.8	77450.2	79654.6	80400.2	79654.6	77450.2	73877.8	69069.3	63963.0	58273.6	52580.6



REPORT NUMBER: P1305921 (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°	63101.3	65745.3	67367.4	67914.3	67367.4	65745.3	63101.3	59514.9	55363.9	50789.5	45621.9
-25°	53705.0	55794.0	57070.3	57499.6	57070.3	55794.0	53705.0	50854.8	47299.5	43091.0	38335.4
-27.5°	44861.6	46758.3	47913.3	48301.2	47913.3	46758.3	44861.6	42262.5	39010.7	35233.8	30928.0
-30°	35976.0	37660.8	38684.2	39027.5	38684.2	37660.8	35976.0	33659.2	30748.2	28208.5	25626.4
-32.5°	28124.2	29121.3	29725.8	29928.4	29725.8	29121.3	28124.2	26749.4	25016.0	23215.3	21438.9
-35°	22778.4	23457.0	23867.8	24005.3	23867.8	23457.0	22778.4	21840.7	20655.1	19276.8	17831.7
-37.5°	18597.7	19144.7	19475.4	19586.0	19475.4	19144.7	18597.7	17840.5	16881.0	15728.8	14445.8
-40°	14821.4	15302.6	15593.3	15690.5	15593.3	15302.6	14821.4	14154.1	13307.0	12287.5	11004.6
-42.5°	11058.0	11551.3	11849.0	11948.5	11849.0	11551.3	11058.0	10373.1	9502.4	8452.4	7196.3
-45°	6895.6	7377.7	7668.4	7765.5	7668.4	7377.7	6895.6	6225.7	5372.8	4342.8	3270.3
-47.5°	3121.1	3225.8	3288.9	3310.0	3288.9	3225.8	3121.1	2975.4	2789.8	2565.3	2303.3
-50°	2201.0	2230.8	2248.8	2254.8	2248.8	2230.8	2201.0	2159.4	2106.5	2042.3	1967.3
-52.5°	1907.7	1918.3	1924.6	1926.7	1924.6	1918.3	1907.7	1893.1	1874.4	1851.7	1825.2
-55°	1761.5	1783.0	1796.0	1800.3	1796.0	1783.0	1761.5	1731.6	1693.3	1646.8	1592.4
-57.5°	1476.4	1499.1	1512.7	1517.3	1512.7	1499.1	1476.4	1444.7	1404.2	1355.1	1297.5
-60°	1156.4	1174.6	1185.5	1189.1	1185.5	1174.6	1156.4	1131.2	1098.8	1059.5	1013.4
-62.5°	874.6	888.8	897.3	900.1	897.3	888.8	874.6	854.9	829.7	799.0	763.0
-65°	631.6	642.0	648.2	650.3	648.2	642.0	631.6	617.1	598.6	576.0	549.5
-67.5°	432.2	439.6	444.0	445.5	444.0	439.6	432.2	421.9	408.7	392.6	373.7
-70°	272.9	277.7	280.5	281.5	280.5	277.7	272.9	266.3	257.7	247.4	235.2
-72.5°	157.2	159.4	160.7	161.1	160.7	159.4	157.2	154.2	150.3	145.5	140.0
-75°	95.5	96.8	97.5	97.8	97.5	96.8	95.5	93.7	91.5	88.7	85.4
-77.5°	53.2	53.7	54.1	54.2	54.1	53.7	53.2	52.3	51.3	50.0	48.5
-80°	29.7	29.9	30.1	30.1	30.1	29.9	29.7	29.5	29.1	28.7	28.1
-82.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.8	18.5
-85°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.8	8.5
82.5°	18.2	17.9	17.5	17.0	16.5	16.0	15.5	14.9	14.2	13.6	12.9
80°	27.5	26.9	26.1	25.3	24.4	23.5	22.4	21.4	20.2	19.2	18.2
77.5°	46.8	44.9	42.8	40.4	37.8	35.1	32.1	29.6	28.2	26.7	25.1
75°	81.7	77.5	72.8	67.7	62.1	56.1	51.7	47.9	43.9	39.7	35.4
72.5°	133.6	126.4	118.4	109.7	100.2	92.4	84.9	76.9	68.5	59.6	52.0
70°	221.2	205.4	188.0	168.8	154.2	142.5	130.0	116.6	102.6	90.9	80.3
67.5°	352.1	327.7	300.8	273.9	250.4	225.1	198.1	169.5	149.6	132.9	115.5
65°	519.1	485.0	447.2	413.8	377.9	339.3	298.2	261.7	228.0	192.6	158.3
62.5°	721.8	675.5	628.9	583.0	533.2	479.9	427.5	379.2	328.4	276.9	236.1
60°	960.7	901.5	844.8	783.0	716.1	645.5	583.0	516.8	447.2	388.5	327.7
57.5°	1231.7	1161.6	1089.8	1011.4	926.8	844.8	761.4	673.4	593.4	514.1	434.3
55°	1530.3	1451.6	1362.6	1265.5	1164.1	1065.5	960.7	856.9	756.7	652.0	562.4
52.5°	1788.2	1712.4	1628.9	1537.9	1427.6	1306.2	1178.9	1059.5	934.4	817.0	699.9
50°	1909.4	1872.7	1832.2	1773.3	1667.4	1554.5	1421.7	1275.9	1131.2	991.3	853.5
47.5°	2177.2	2073.8	1960.2	1892.1	1841.2	1770.3	1642.0	1505.6	1342.3	1174.6	1019.9
45°	2947.5	2588.0	2235.9	2103.2	1961.0	1881.7	1820.3	1701.1	1551.0	1375.7	1189.1
42.5°	5721.8	4083.5	3068.7	2610.1	2212.8	2051.2	1909.1	1840.6	1731.0	1565.7	1375.7
40°	9508.6	7850.4	5928.5	3851.4	2913.6	2358.8	2106.0	1923.0	1847.4	1731.0	1551.0
37.5°	13000.4	11338.4	9394.9	7276.6	4910.7	3098.2	2479.5	2124.4	1923.0	1840.6	1701.1
35°	16207.1	14467.2	12602.0	10445.7	8077.8	5446.3	3160.2	2479.5	2106.0	1909.1	1820.3
32.5°	19465.2	17539.6	15467.7	13334.3	10977.7	8336.9	5446.3	3098.2	2358.8	2051.2	1881.7
30°	23066.0	20717.3	18355.2	15986.9	13580.6	10977.7	8077.8	4910.7	2913.6	2212.8	1961.0
27.5°	27468.6	24085.6	21361.9	18629.8	15986.9	13334.3	10445.7	7276.6	3851.4	2610.1	2103.2
25°	33173.8	28407.6	24537.3	21361.9	18355.2	15467.7	12602.0	9394.9	5928.5	3068.7	2235.9
22.5°	39939.4	33933.0	28407.6	24085.6	20717.3	17539.6	14467.2	11338.4	7850.4	4083.5	2588.0
20°	46480.3	39939.4	33173.8	27468.6	23066.0	19465.2	16207.1	13000.4	9508.6	5721.8	2947.5
17.5°	52580.6	45621.9	38335.4	30928.0	25626.4	21438.9	17831.7	14445.8	11004.6	7196.3	3270.3
15°	58273.6	50789.5	43091.0	35233.8	28208.5	23215.3	19276.8	15728.8	12287.5	8452.4	4342.8
12.5°	63963.0	55363.9	47299.5	39010.7	30748.2	25016.0	20655.1	16881.0	13307.0	9502.4	5372.8
10°	69069.3	59514.9	50854.8	42262.5	33659.2	26749.4	21840.7	17840.5	14154.1	10373.1	6225.7
7.5°	73877.8	63101.3	53705.0	44861.6	35976.0	28124.2	22778.4	18597.7	14821.4	11058.0	6895.6
5°	77450.2	65745.3	55794.0	46758.3	37660.8	29121.3	23457.0	19144.7	15302.6	11551.3	7377.7
2.5°	79654.6	67367.4	57070.3	47913.3	38684.2	29725.8	23867.8	19475.4	15593.3	11849.0	7668.4
0°	80400.2	67914.3	57499.6	48301.2	39027.5	29928.4	24005.3	19586.0	15690.5	11948.5	7765.5
-2.5°	79654.6	67367.4	57070.3	47913.3	38684.2	29725.8	23867.8	19475.4	15593.3	11849.0	7668.4
-5°	77450.2	65745.3	55794.0	46758.3	37660.8	29121.3	23457.0	19144.7	15302.6	11551.3	7377.7
-7.5°	73877.8	63101.3	53705.0	44861.6	35976.0	28124.2	22778.4	18597.7	14821.4	11058.0	6895.6
-10°	69069.3	59514.9	50854.8	42262.5	33659.2	26749.4	21840.7	17840.5	14154.1	10373.1	6225.7
-12.5°	63963.0	55363.9	47299.5	39010.7	30748.2	25016.0	20655.1	16881.0	13307.0	9502.4	5372.8
-15°	58273.6	50789.5	43091.0	35233.8	28208.5	23215.3	19276.8	15728.8	12287.5	8452.4	4342.8
-17.5°	52580.6	45621.9	38335.4	30928.0	25626.4	21438.9	17831.7	14445.8	11004.6	7196.3	3270.3
-20°	46480.3	39939.4	33173.8	27468.6	23066.0	19465.2	16207.1	13000.4	9508.6	5721.8	2947.5



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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°	39939.4	33933.0	28407.6	24085.6	20717.3	17539.6	14467.2	11338.4	7850.4	4083.5	2588.0
-25°	33173.8	28407.6	24537.3	21361.9	18355.2	15467.7	12602.0	9394.9	5928.5	3068.7	2235.9
-27.5°	27468.6	24085.6	21361.9	18629.8	15986.9	13334.3	10445.7	7276.6	3851.4	2610.1	2103.2
-30°	23066.0	20717.3	18355.2	15986.9	13580.6	10977.7	8077.8	4910.7	2913.6	2212.8	1961.0
-32.5°	19465.2	17539.6	15467.7	13334.3	10977.7	8336.9	5446.3	3098.2	2358.8	2051.2	1881.7
-35°	16207.1	14467.2	12602.0	10445.7	8077.8	5446.3	3160.2	2479.5	2106.0	1909.1	1820.3
-37.5°	13000.4	11338.4	9394.9	7276.6	4910.7	3098.2	2479.5	2124.4	1923.0	1840.6	1701.1
-40°	9508.6	7850.4	5928.5	3851.4	2913.6	2358.8	2106.0	1923.0	1847.4	1731.0	1551.0
-42.5°	5721.8	4083.5	3068.7	2610.1	2212.8	2051.2	1909.1	1840.6	1731.0	1565.7	1375.7
-45°	2947.5	2588.0	2235.9	2103.2	1961.0	1881.7	1820.3	1701.1	1551.0	1375.7	1189.1
-47.5°	2177.2	2073.8	1960.2	1892.1	1841.2	1770.3	1642.0	1505.6	1342.3	1174.6	1019.9
-50°	1909.4	1872.7	1832.2	1773.3	1667.4	1554.5	1421.7	1275.9	1131.2	991.3	853.5
-52.5°	1788.2	1712.4	1628.9	1537.9	1427.6	1306.2	1178.9	1059.5	934.4	817.0	699.9
-55°	1530.3	1451.6	1362.6	1265.5	1164.1	1065.5	960.7	856.9	756.7	652.0	562.4
-57.5°	1231.7	1161.6	1089.8	1011.4	926.8	844.8	761.4	673.4	593.4	514.1	434.3
-60°	960.7	901.5	844.8	783.0	716.1	645.5	583.0	516.8	447.2	388.5	327.7
-62.5°	721.8	675.5	628.9	583.0	533.2	479.9	427.5	379.2	328.4	276.9	236.1
-65°	519.1	485.0	447.2	413.8	377.9	339.3	298.2	261.7	228.0	192.6	158.3
-67.5°	352.1	327.7	300.8	273.9	250.4	225.1	198.1	169.5	149.6	132.9	115.5
-70°	221.2	205.4	188.0	168.8	154.2	142.5	130.0	116.6	102.6	90.9	80.3
-72.5°	133.6	126.4	118.4	109.7	100.2	92.4	84.9	76.9	68.5	59.6	52.0
-75°	81.7	77.5	72.8	67.7	62.1	56.1	51.7	47.9	43.9	39.7	35.4
-77.5°	46.8	44.9	42.8	40.4	37.8	35.1	32.1	29.6	28.2	26.7	25.1
-80°	27.5	26.9	26.1	25.3	24.4	23.5	22.4	21.4	20.2	19.2	18.2
-82.5°	18.2	17.9	17.5	17.0	16.5	16.0	15.5	14.9	14.2	13.6	12.9
-85°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.8	8.5
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	12.2	11.6	10.9	10.3	9.7	9.0	8.3	7.6	6.9	6.1	5.4
80°	17.3	16.3	15.2	14.2	13.1	12.0	11.0	10.1	9.1	8.2	7.2
77.5°	23.4	21.7	19.9	18.5	17.1	15.7	14.2	12.8	11.4	10.2	9.0
75°	30.8	28.3	26.2	24.0	21.7	19.4	17.7	15.9	14.1	12.2	10.7
72.5°	46.7	41.1	35.4	29.8	27.2	24.4	21.6	19.0	16.9	14.7	12.6
70°	69.2	57.7	49.5	42.8	35.8	29.5	26.3	23.0	19.7	17.2	14.7
67.5°	97.5	84.5	71.1	57.3	48.1	40.0	31.8	27.2	23.5	19.7	16.9
65°	138.1	117.1	96.2	80.9	65.1	51.3	42.2	32.9	27.2	23.0	19.0
62.5°	193.7	155.2	131.4	106.9	86.7	69.0	52.4	42.2	31.8	26.3	21.6
60°	269.1	221.2	171.7	140.0	112.6	88.7	69.0	51.3	40.0	29.5	24.4
57.5°	365.7	294.9	237.8	182.8	142.9	112.6	86.7	65.1	48.1	35.8	27.2
55°	470.0	388.7	310.1	243.3	182.8	140.0	106.9	80.9	57.3	42.8	29.8
52.5°	591.7	489.4	396.4	310.1	237.8	171.7	131.4	96.2	71.1	49.5	35.4
50°	724.1	601.5	489.4	388.7	294.9	221.2	155.2	117.1	84.5	57.7	41.1
47.5°	865.8	724.1	591.7	470.0	365.7	269.1	193.7	138.1	97.5	69.2	46.7
45°	1019.9	853.5	699.9	562.4	434.3	327.7	236.1	158.3	115.5	80.3	52.0
42.5°	1174.6	991.3	817.0	652.0	514.1	388.5	276.9	192.6	132.9	90.9	59.6
40°	1342.3	1131.2	934.4	756.7	593.4	447.2	328.4	228.0	149.6	102.6	68.5
37.5°	1505.6	1275.9	1059.5	856.9	673.4	516.8	379.2	261.7	169.5	116.6	76.9
35°	1642.0	1421.7	1178.9	960.7	761.4	583.0	427.5	298.2	198.1	130.0	84.9
32.5°	1770.3	1554.5	1306.2	1065.5	844.8	645.5	479.9	339.3	225.1	142.5	92.4
30°	1841.2	1667.4	1427.6	1164.1	926.8	716.1	533.2	377.9	250.4	154.2	100.2
27.5°	1892.1	1773.3	1537.9	1265.5	1011.4	783.0	583.0	413.8	273.9	168.8	109.7
25°	1960.2	1832.2	1628.9	1362.6	1089.8	844.8	628.9	447.2	300.8	188.0	118.4
22.5°	2073.8	1872.7	1712.4	1451.6	1161.6	901.5	675.5	485.0	327.7	205.4	126.4
20°	2177.2	1909.4	1788.2	1530.3	1231.7	960.7	721.8	519.1	352.1	221.2	133.6
17.5°	2303.3	1967.3	1825.2	1592.4	1297.5	1013.4	763.0	549.5	373.7	235.2	140.0
15°	2565.3	2042.3	1851.7	1646.8	1355.1	1059.5	799.0	576.0	392.6	247.4	145.5
12.5°	2789.8	2106.5	1874.4	1693.3	1404.2	1098.8	829.7	598.6	408.7	257.7	150.3
10°	2975.4	2159.4	1893.1	1731.6	1444.7	1131.2	854.9	617.1	421.9	266.3	154.2
7.5°	3121.1	2201.0	1907.7	1761.5	1476.4	1156.4	874.6	631.6	432.2	272.9	157.2
5°	3225.8	2230.8	1918.3	1783.0	1499.1	1174.6	888.8	642.0	439.6	277.7	159.4
2.5°	3288.9	2248.8	1924.6	1796.0	1512.7	1185.5	897.3	648.2	444.0	280.5	160.7
0°	3310.0	2254.8	1926.7	1800.3	1517.3	1189.1	900.1	650.3	445.5	281.5	161.1
-2.5°	3288.9	2248.8	1924.6	1796.0	1512.7	1185.5	897.3	648.2	444.0	280.5	160.7
-5°	3225.8	2230.8	1918.3	1783.0	1499.1	1174.6	888.8	642.0	439.6	277.7	159.4
-7.5°	3121.1	2201.0	1907.7	1761.5	1476.4	1156.4	874.6	631.6	432.2	272.9	157.2
-10°	2975.4	2159.4	1893.1	1731.6	1444.7	1131.2	854.9	617.1	421.9	266.3	154.2
-12.5°	2789.8	2106.5	1874.4	1693.3	1404.2	1098.8	829.7	598.6	408.7	257.7	150.3
-15°	2565.3	2042.3	1851.7	1646.8	1355.1	1059.5	799.0	576.0	392.6	247.4	145.5
-17.5°	2303.3	1967.3	1825.2	1592.4	1297.5	1013.4	763.0	549.5	373.7	235.2	140.0
-20°	2177.2	1909.4	1788.2	1530.3	1231.7	960.7	721.8	519.1	352.1	221.2	133.6



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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°	2073.8	1872.7	1712.4	1451.6	1161.6	901.5	675.5	485.0	327.7	205.4	126.4
-25°	1960.2	1832.2	1628.9	1362.6	1089.8	844.8	628.9	447.2	300.8	188.0	118.4
-27.5°	1892.1	1773.3	1537.9	1265.5	1011.4	783.0	583.0	413.8	273.9	168.8	109.7
-30°	1841.2	1667.4	1427.6	1164.1	926.8	716.1	533.2	377.9	250.4	154.2	100.2
-32.5°	1770.3	1554.5	1306.2	1065.5	844.8	645.5	479.9	339.3	225.1	142.5	92.4
-35°	1642.0	1421.7	1178.9	960.7	761.4	583.0	427.5	298.2	198.1	130.0	84.9
-37.5°	1505.6	1275.9	1059.5	856.9	673.4	516.8	379.2	261.7	169.5	116.6	76.9
-40°	1342.3	1131.2	934.4	756.7	593.4	447.2	328.4	228.0	149.6	102.6	68.5
-42.5°	1174.6	991.3	817.0	652.0	514.1	388.5	276.9	192.6	132.9	90.9	59.6
-45°	1019.9	853.5	699.9	562.4	434.3	327.7	236.1	158.3	115.5	80.3	52.0
-47.5°	865.8	724.1	591.7	470.0	365.7	269.1	193.7	138.1	97.5	69.2	46.7
-50°	724.1	601.5	489.4	388.7	294.9	221.2	155.2	117.1	84.5	57.7	41.1
-52.5°	591.7	489.4	396.4	310.1	237.8	171.7	131.4	96.2	71.1	49.5	35.4
-55°	470.0	388.7	310.1	243.3	182.8	140.0	106.9	80.9	57.3	42.8	29.8
-57.5°	365.7	294.9	237.8	182.8	142.9	112.6	86.7	65.1	48.1	35.8	27.2
-60°	269.1	221.2	171.7	140.0	112.6	88.7	69.0	51.3	40.0	29.5	24.4
-62.5°	193.7	155.2	131.4	106.9	86.7	69.0	52.4	42.2	31.8	26.3	21.6
-65°	138.1	117.1	96.2	80.9	65.1	51.3	42.2	32.9	27.2	23.0	19.0
-67.5°	97.5	84.5	71.1	57.3	48.1	40.0	31.8	27.2	23.5	19.7	16.9
-70°	69.2	57.7	49.5	42.8	35.8	29.5	26.3	23.0	19.7	17.2	14.7
-72.5°	46.7	41.1	35.4	29.8	27.2	24.4	21.6	19.0	16.9	14.7	12.6
-75°	30.8	28.3	26.2	24.0	21.7	19.4	17.7	15.9	14.1	12.2	10.7
-77.5°	23.4	21.7	19.9	18.5	17.1	15.7	14.2	12.8	11.4	10.2	9.0
-80°	17.3	16.3	15.2	14.2	13.1	12.0	11.0	10.1	9.1	8.2	7.2
-82.5°	12.2	11.6	10.9	10.3	9.7	9.0	8.3	7.6	6.9	6.1	5.4
-85°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.2	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	7.7	6.4	5.2	3.9	2.6	1.3	0.0
75°	9.2	7.7	6.2	4.6	3.1	1.6	0.0
72.5°	10.7	9.0	7.2	5.4	3.6	1.8	0.0
70°	12.2	10.2	8.2	6.1	4.1	2.1	0.0
67.5°	14.1	11.4	9.1	6.9	4.6	2.3	0.0
65°	15.9	12.8	10.1	7.6	5.1	2.5	0.0
62.5°	17.7	14.2	11.0	8.3	5.5	2.8	0.0
60°	19.4	15.7	12.0	9.0	6.0	3.0	0.0
57.5°	21.7	17.1	13.1	9.7	6.4	3.2	0.0
55°	24.0	18.5	14.2	10.3	6.9	3.4	0.0
52.5°	26.2	19.9	15.2	10.9	7.3	3.7	0.0
50°	28.3	21.7	16.3	11.6	7.7	3.9	0.0
47.5°	30.8	23.4	17.3	12.2	8.1	4.1	0.0
45°	35.4	25.1	18.2	12.9	8.5	4.2	0.0
42.5°	39.7	26.7	19.2	13.6	8.8	4.4	0.0
40°	43.9	28.2	20.2	14.2	9.2	4.6	0.0
37.5°	47.9	29.6	21.4	14.9	9.5	4.8	0.0
35°	51.7	32.1	22.4	15.5	9.8	4.9	0.0
32.5°	56.1	35.1	23.5	16.0	10.1	5.1	0.0
30°	62.1	37.8	24.4	16.5	10.4	5.2	0.0
27.5°	67.7	40.4	25.3	17.0	10.6	5.3	0.0
25°	72.8	42.8	26.1	17.5	10.9	5.4	0.0
22.5°	77.5	44.9	26.9	17.9	11.1	5.5	0.0
20°	81.7	46.8	27.5	18.2	11.3	5.6	0.0
17.5°	85.4	48.5	28.1	18.5	11.4	5.7	0.0
15°	88.7	50.0	28.7	18.8	11.6	5.8	0.0
12.5°	91.5	51.3	29.1	19.1	11.7	5.9	0.0
10°	93.7	52.3	29.5	19.3	11.8	5.9	0.0
7.5°	95.5	53.2	29.7	19.4	11.9	5.9	0.0
5°	96.8	53.7	29.9	19.5	12.0	6.0	0.0
2.5°	97.5	54.1	30.1	19.6	12.0	6.0	0.0
0°	97.8	54.2	30.1	19.6	12.0	6.0	0.0
-2.5°	97.5	54.1	30.1	19.6	12.0	6.0	0.0
-5°	96.8	53.7	29.9	19.5	12.0	6.0	0.0
-7.5°	95.5	53.2	29.7	19.4	11.9	5.9	0.0
-10°	93.7	52.3	29.5	19.3	11.8	5.9	0.0
-12.5°	91.5	51.3	29.1	19.1	11.7	5.9	0.0
-15°	88.7	50.0	28.7	18.8	11.6	5.8	0.0
-17.5°	85.4	48.5	28.1	18.5	11.4	5.7	0.0
-20°	81.7	46.8	27.5	18.2	11.3	5.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.5	44.9	26.9	17.9	11.1	5.5	0.0
-25°	72.8	42.8	26.1	17.5	10.9	5.4	0.0
-27.5°	67.7	40.4	25.3	17.0	10.6	5.3	0.0
-30°	62.1	37.8	24.4	16.5	10.4	5.2	0.0
-32.5°	56.1	35.1	23.5	16.0	10.1	5.1	0.0
-35°	51.7	32.1	22.4	15.5	9.8	4.9	0.0
-37.5°	47.9	29.6	21.4	14.9	9.5	4.8	0.0
-40°	43.9	28.2	20.2	14.2	9.2	4.6	0.0
-42.5°	39.7	26.7	19.2	13.6	8.8	4.4	0.0
-45°	35.4	25.1	18.2	12.9	8.5	4.2	0.0
-47.5°	30.8	23.4	17.3	12.2	8.1	4.1	0.0
-50°	28.3	21.7	16.3	11.6	7.7	3.9	0.0
-52.5°	26.2	19.9	15.2	10.9	7.3	3.7	0.0
-55°	24.0	18.5	14.2	10.3	6.9	3.4	0.0
-57.5°	21.7	17.1	13.1	9.7	6.4	3.2	0.0
-60°	19.4	15.7	12.0	9.0	6.0	3.0	0.0
-62.5°	17.7	14.2	11.0	8.3	5.5	2.8	0.0
-65°	15.9	12.8	10.1	7.6	5.1	2.5	0.0
-67.5°	14.1	11.4	9.1	6.9	4.6	2.3	0.0
-70°	12.2	10.2	8.2	6.1	4.1	2.1	0.0
-72.5°	10.7	9.0	7.2	5.4	3.6	1.8	0.0
-75°	9.2	7.7	6.2	4.6	3.1	1.6	0.0
-77.5°	7.7	6.4	5.2	3.9	2.6	1.3	0.0
-80°	6.2	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)