

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: P1305986 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-4S-HEG-A**

Issue Date: 2/3/2026

Test Information

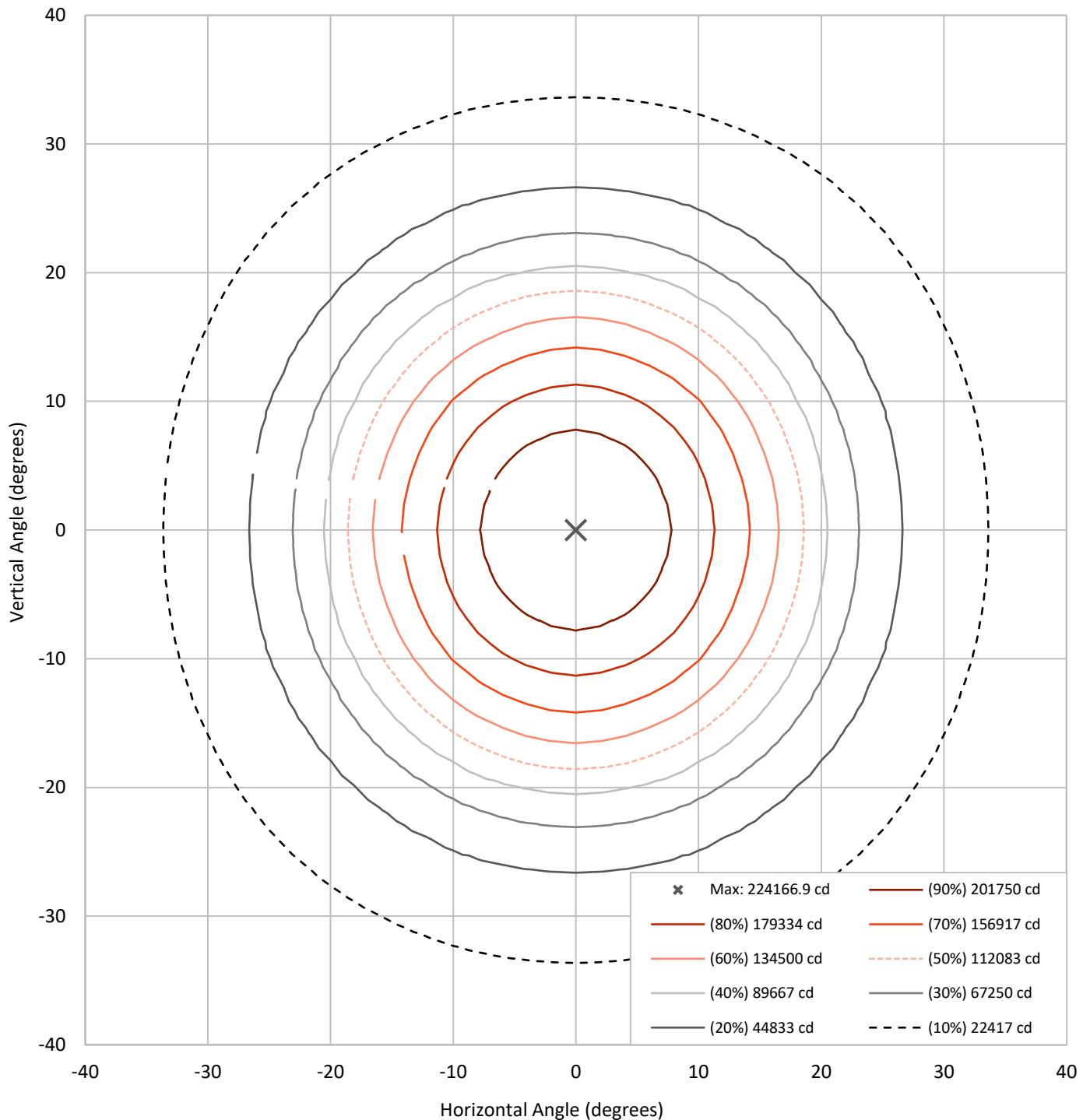
Test Method: LM-79-08
Report Number: P1305986 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-80-4S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 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:	103522.4 lumens	Max Intensity:	224166.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.5 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:	53892.8 lumens	Field Lumens:	90530.9 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%
Input Watts (W):	688		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





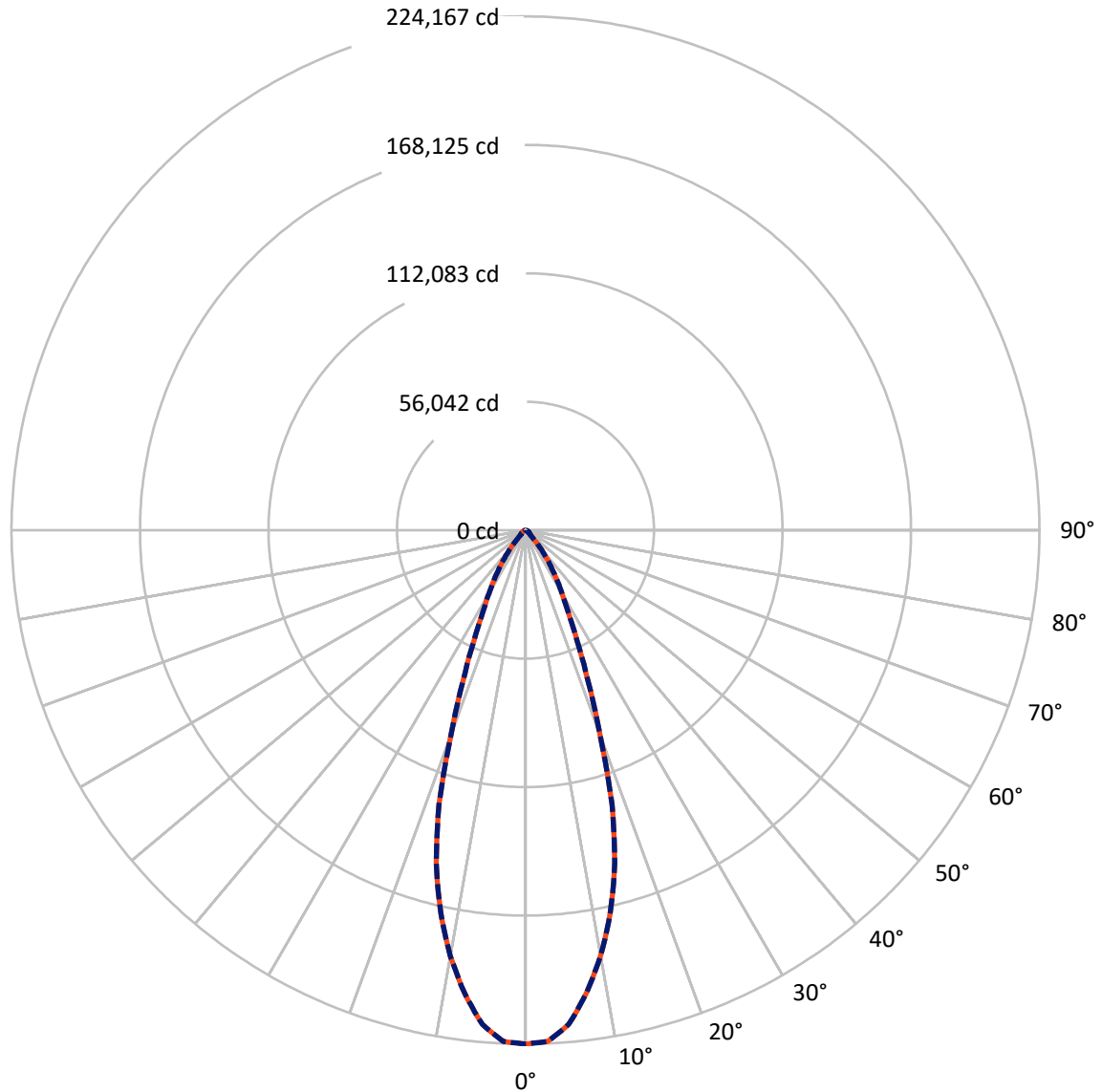
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Lumen Table

90	0.1	0.8	3.1	7.4	9.6	7.4	3.1	0.8	0.1							
80	0.1	0.8	3.1	7.4	9.6	7.4	3.1	0.8	0.1							
70	0.4	0.5	1.9	5.2	10.8	17.5	23.4	26.7	26.7	23.4	17.5	10.8	5.2	1.9	0.5	0.4
60		1.4	6.1	16.6	30.6	43.0	52.1	57.2	57.2	52.1	43.0	30.6	16.6	6.1	1.4	
50	1.0	3.2	13.6	31.0	48.2	66.9	96.2	126.9	126.9	96.2	66.9	48.2	31.0	13.6	3.2	1.0
40		5.8	21.6	41.7	72.4	194.7	412.1	571.6	571.6	412.1	194.7	72.4	41.7	21.6	5.8	
30	2.1	8.5	27.5	52.5	177.3	554.0	1083.4	1611.0	1611.0	1083.4	554.0	177.3	52.5	27.5	8.5	2.1
20		10.6	31.2	71.2	352.9	1020.1	2526.3	4147.2	4147.2	2526.3	1020.1	352.9	71.2	31.2	10.6	
10	2.6	11.7	33.2	91.8	475.0	1475.1	4029.9	6070.3	6070.3	4029.9	1475.1	475.0	91.8	33.2	11.7	2.6
0		11.7	33.2	91.8	475.0	1475.1	4029.9	6070.3	6070.3	4029.9	1475.1	475.0	91.8	33.2	11.7	
-10	2.1	10.6	31.2	71.2	352.9	1020.1	2526.3	4147.2	4147.2	2526.3	1020.1	352.9	71.2	31.2	10.6	2.1
-20		8.5	27.5	52.5	177.3	554.0	1083.4	1611.0	1611.0	1083.4	554.0	177.3	52.5	27.5	8.5	
-30	1.0	5.8	21.6	41.7	72.4	194.7	412.1	571.6	571.6	412.1	194.7	72.4	41.7	21.6	5.8	1.0
-40		3.2	13.6	31.0	48.2	66.9	96.2	126.9	126.9	96.2	66.9	48.2	31.0	13.6	3.2	
-50	0.4	1.4	6.1	16.6	30.6	43.0	52.1	57.2	57.2	52.1	43.0	30.6	16.6	6.1	1.4	0.4
-60		0.5	1.9	5.2	10.8	17.5	23.4	26.7	26.7	23.4	17.5	10.8	5.2	1.9	0.5	
-70	0.1	0.8	3.1	7.4	9.6	7.4	3.1	0.8	0.1							
-80		0.1	0.8	3.1	7.4	9.6	7.4	3.1	0.8	0.1						
-90	0.1	0.8	3.1	7.4	9.6	7.4	3.1	0.8	0.1							

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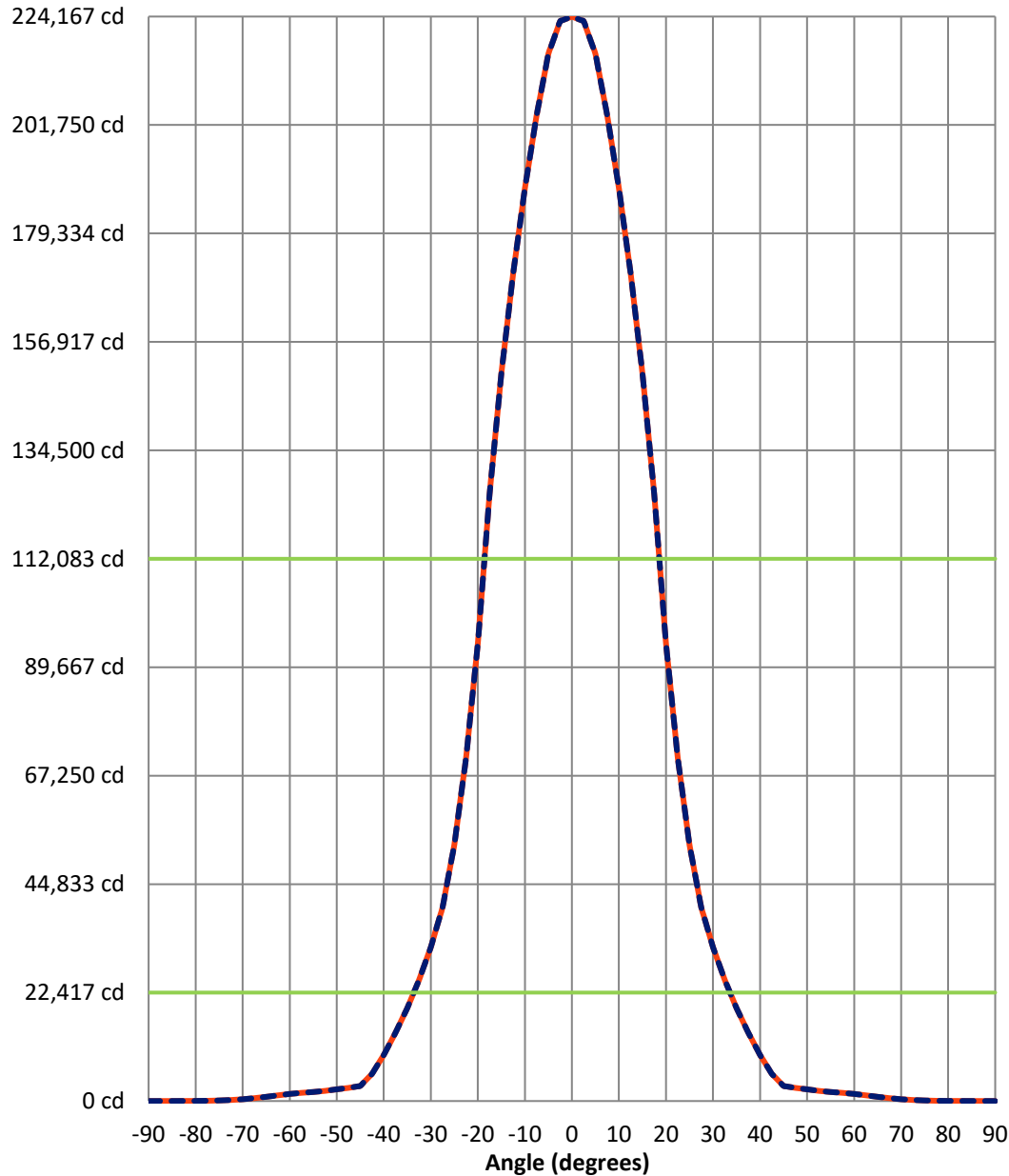
Luminous Intensity Polar Plot



— 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: 53892.8
 Efficiency: 52.1%

Field:
 H Angle: 67.2°
 V Angle: 67.2°
 Lumens: 90530.9
 Efficiency: 87.5%

Spill:
 Lumens: 12991.5
 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	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.6
80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.2	7.0	7.9	8.7
77.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.7	8.8	9.8	11.2
75°	0.0	1.3	2.7	4.0	5.4	6.7	7.9	9.2	10.6	12.7	14.8
72.5°	0.0	1.6	3.1	4.7	6.2	7.7	9.2	11.0	13.4	15.9	18.3
70°	0.0	1.8	3.6	5.3	7.0	8.8	10.6	13.4	16.3	19.1	21.8
67.5°	0.0	2.0	4.0	5.9	7.9	9.8	12.7	15.9	19.1	22.2	25.2
65°	0.0	2.2	4.4	6.6	8.7	11.2	14.8	18.3	21.8	25.2	30.8
62.5°	0.0	2.4	4.8	7.1	9.5	12.9	16.8	20.7	24.5	29.6	41.4
60°	0.0	2.6	5.2	7.7	10.3	14.5	18.8	22.9	27.1	38.9	51.8
57.5°	0.0	2.8	5.6	8.3	11.5	16.1	20.7	25.2	34.1	48.1	71.9
55°	0.0	3.0	5.9	8.9	12.8	17.7	22.6	27.4	42.0	59.9	96.2
52.5°	0.0	3.2	6.3	9.4	14.0	19.2	24.4	33.6	49.8	81.3	119.9
50°	0.0	3.3	6.7	9.9	15.2	20.7	26.1	40.2	60.5	101.9	150.8
47.5°	0.0	3.5	7.0	10.5	16.3	22.1	28.4	46.5	78.2	121.9	181.5
45°	0.0	3.7	7.3	11.3	17.4	23.5	33.6	52.6	95.4	148.4	211.2
42.5°	0.0	3.8	7.6	12.1	18.5	24.8	38.6	63.4	111.8	174.0	256.9
40°	0.0	4.0	7.9	12.9	19.5	26.0	43.4	77.1	129.4	198.5	303.6
37.5°	0.0	4.1	8.2	13.6	20.4	27.2	47.9	90.1	150.1	226.4	348.0
35°	0.0	4.3	8.5	14.3	21.3	29.9	52.2	102.5	169.6	264.2	397.1
32.5°	0.0	4.4	8.7	14.9	22.2	33.3	58.0	114.1	188.1	299.7	454.2
30°	0.0	4.5	8.9	15.5	23.0	36.4	67.3	125.9	205.3	333.1	507.6
27.5°	0.0	4.6	9.1	16.0	23.7	39.4	75.9	139.9	225.6	364.0	557.4
25°	0.0	4.7	9.3	16.5	24.3	42.0	83.8	152.7	250.8	400.7	603.7
22.5°	0.0	4.8	9.5	17.0	25.0	44.5	91.0	164.4	273.8	438.1	654.3
20°	0.0	4.9	9.7	17.4	25.5	46.7	97.5	175.0	294.5	471.9	699.9
17.5°	0.0	5.0	9.8	17.8	26.0	48.6	103.3	184.4	313.0	501.9	740.5
15°	0.0	5.0	10.0	18.1	26.4	50.3	108.3	192.5	329.0	528.1	776.0
12.5°	0.0	5.1	10.1	18.4	26.8	51.8	112.6	199.5	342.7	550.3	806.2
10°	0.0	5.1	10.1	18.6	27.1	53.0	116.1	205.2	353.9	568.6	831.0
7.5°	0.0	5.2	10.2	18.8	27.3	53.9	118.9	209.7	362.7	582.9	850.4
5°	0.0	5.2	10.3	18.9	27.5	54.6	120.8	212.8	369.0	593.2	864.3
2.5°	0.0	5.2	10.3	19.0	27.6	55.0	122.0	214.8	372.7	599.3	872.6
0°	0.0	5.2	10.3	19.0	27.6	55.1	122.4	215.4	374.0	601.4	875.4
-2.5°	0.0	5.2	10.3	19.0	27.6	55.0	122.0	214.8	372.7	599.3	872.6
-5°	0.0	5.2	10.3	18.9	27.5	54.6	120.8	212.8	369.0	593.2	864.3
-7.5°	0.0	5.2	10.2	18.8	27.3	53.9	118.9	209.7	362.7	582.9	850.4
-10°	0.0	5.1	10.1	18.6	27.1	53.0	116.1	205.2	353.9	568.6	831.0
-12.5°	0.0	5.1	10.1	18.4	26.8	51.8	112.6	199.5	342.7	550.3	806.2
-15°	0.0	5.0	10.0	18.1	26.4	50.3	108.3	192.5	329.0	528.1	776.0
-17.5°	0.0	5.0	9.8	17.8	26.0	48.6	103.3	184.4	313.0	501.9	740.5
-20°	0.0	4.9	9.7	17.4	25.5	46.7	97.5	175.0	294.5	471.9	699.9



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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	4.8	9.5	17.0	25.0	44.5	91.0	164.4	273.8	438.1	654.3
-25°	0.0	4.7	9.3	16.5	24.3	42.0	83.8	152.7	250.8	400.7	603.7
-27.5°	0.0	4.6	9.1	16.0	23.7	39.4	75.9	139.9	225.6	364.0	557.4
-30°	0.0	4.5	8.9	15.5	23.0	36.4	67.3	125.9	205.3	333.1	507.6
-32.5°	0.0	4.4	8.7	14.9	22.2	33.3	58.0	114.1	188.1	299.7	454.2
-35°	0.0	4.3	8.5	14.3	21.3	29.9	52.2	102.5	169.6	264.2	397.1
-37.5°	0.0	4.1	8.2	13.6	20.4	27.2	47.9	90.1	150.1	226.4	348.0
-40°	0.0	4.0	7.9	12.9	19.5	26.0	43.4	77.1	129.4	198.5	303.6
-42.5°	0.0	3.8	7.6	12.1	18.5	24.8	38.6	63.4	111.8	174.0	256.9
-45°	0.0	3.7	7.3	11.3	17.4	23.5	33.6	52.6	95.4	148.4	211.2
-47.5°	0.0	3.5	7.0	10.5	16.3	22.1	28.4	46.5	78.2	121.9	181.5
-50°	0.0	3.3	6.7	9.9	15.2	20.7	26.1	40.2	60.5	101.9	150.8
-52.5°	0.0	3.2	6.3	9.4	14.0	19.2	24.4	33.6	49.8	81.3	119.9
-55°	0.0	3.0	5.9	8.9	12.8	17.7	22.6	27.4	42.0	59.9	96.2
-57.5°	0.0	2.8	5.6	8.3	11.5	16.1	20.7	25.2	34.1	48.1	71.9
-60°	0.0	2.6	5.2	7.7	10.3	14.5	18.8	22.9	27.1	38.9	51.8
-62.5°	0.0	2.4	4.8	7.1	9.5	12.9	16.8	20.7	24.5	29.6	41.4
-65°	0.0	2.2	4.4	6.6	8.7	11.2	14.8	18.3	21.8	25.2	30.8
-67.5°	0.0	2.0	4.0	5.9	7.9	9.8	12.7	15.9	19.1	22.2	25.2
-70°	0.0	1.8	3.6	5.3	7.0	8.8	10.6	13.4	16.3	19.1	21.8
-72.5°	0.0	1.6	3.1	4.7	6.2	7.7	9.2	11.0	13.4	15.9	18.3
-75°	0.0	1.3	2.7	4.0	5.4	6.7	7.9	9.2	10.6	12.7	14.8
-77.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.7	8.8	9.8	11.2
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.2	7.0	7.9	8.7
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.6
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
85°	4.8	5.2	5.6	5.9	6.3	6.7	7.0	7.3	7.6	7.9	8.2
82.5°	7.1	7.7	8.3	8.9	9.4	9.9	10.5	11.3	12.1	12.9	13.6
80°	9.5	10.3	11.5	12.8	14.0	15.2	16.3	17.4	18.5	19.5	20.4
77.5°	12.9	14.5	16.1	17.7	19.2	20.7	22.1	23.5	24.8	26.0	27.2
75°	16.8	18.8	20.7	22.6	24.4	26.1	28.4	33.6	38.6	43.4	47.9
72.5°	20.7	22.9	25.2	27.4	33.6	40.2	46.5	52.6	63.4	77.1	90.1
70°	24.5	27.1	34.1	42.0	49.8	60.5	78.2	95.4	111.8	129.4	150.1
67.5°	29.6	38.9	48.1	59.9	81.3	101.9	121.9	148.4	174.0	198.5	226.4
65°	41.4	51.8	71.9	96.2	119.9	150.8	181.5	211.2	256.9	303.6	348.0
62.5°	53.0	77.9	105.3	135.7	171.7	206.7	258.3	314.2	367.9	439.0	509.5
60°	77.9	108.3	144.1	184.4	229.4	294.5	357.7	438.1	522.4	603.7	696.8
57.5°	105.3	144.1	188.6	243.9	316.4	392.6	490.8	585.9	693.1	799.2	903.6
55°	135.7	184.4	243.9	323.7	413.7	522.7	634.2	757.9	877.5	1005.3	1127.8
52.5°	171.7	229.4	316.4	413.7	533.4	660.1	797.0	936.0	1079.0	1215.3	1342.1
50°	206.7	294.5	392.6	522.7	660.1	810.1	965.5	1123.6	1272.9	1414.7	1532.7
47.5°	258.3	357.7	490.8	634.2	797.0	965.5	1138.6	1301.9	1458.7	1578.0	1689.5
45°	314.2	438.1	585.9	757.9	936.0	1123.6	1301.9	1473.4	1600.8	1718.2	1810.5
42.5°	367.9	522.4	693.1	877.5	1079.0	1272.9	1458.7	1600.8	1727.3	1828.9	1945.2
40°	439.0	603.7	799.2	1005.3	1215.3	1414.7	1578.0	1718.2	1828.9	1957.6	2095.6
37.5°	509.5	696.8	903.6	1127.8	1342.1	1532.7	1689.5	1810.5	1945.2	2095.6	2298.7
35°	576.4	785.3	1011.1	1241.9	1463.1	1632.2	1774.2	1908.1	2070.3	2280.4	2490.1
32.5°	647.4	869.0	1112.9	1348.1	1553.4	1720.3	1853.1	2020.2	2226.0	2456.8	2660.9
30°	718.8	955.8	1207.5	1448.1	1636.2	1789.8	1946.2	2136.4	2386.4	2610.0	2863.0
27.5°	785.3	1037.4	1293.3	1525.6	1710.2	1854.9	2039.3	2277.6	2526.2	2768.0	3075.3
25°	846.8	1112.9	1372.7	1591.8	1766.1	1929.8	2135.7	2409.3	2652.8	2954.4	4094.5
22.5°	906.2	1181.9	1445.5	1652.7	1817.5	2003.7	2248.4	2520.1	2788.8	3170.0	5257.9
20°	962.7	1241.9	1502.5	1705.5	1864.1	2070.9	2351.1	2619.3	2935.8	4162.6	6721.3
17.5°	1013.1	1295.4	1547.4	1743.7	1916.9	2142.7	2441.5	2708.4	3068.1	5058.1	8230.3
15°	1057.0	1342.1	1586.8	1777.1	1965.4	2217.2	2513.8	2812.1	3530.4	5977.0	9575.2
12.5°	1094.5	1381.9	1620.3	1805.7	2006.8	2280.8	2575.8	2904.5	4158.9	7041.4	10938.7
10°	1125.3	1414.7	1647.9	1829.2	2041.0	2333.4	2627.0	2981.0	4680.1	7925.8	12074.1
7.5°	1149.4	1440.3	1669.6	1847.7	2067.7	2374.7	2667.2	3041.1	5090.0	8622.4	12970.2
5°	1166.7	1458.7	1685.1	1860.9	2087.0	2404.3	2696.2	3084.4	5385.3	9124.9	13617.4
2.5°	1177.0	1469.7	1694.4	1868.8	2098.5	2422.1	2713.6	3110.5	5563.5	9428.3	14008.8
0°	1180.5	1473.4	1697.5	1871.5	2102.4	2428.1	2719.4	3119.2	5623.1	9529.8	14139.7
-2.5°	1177.0	1469.7	1694.4	1868.8	2098.5	2422.1	2713.6	3110.5	5563.5	9428.3	14008.8
-5°	1166.7	1458.7	1685.1	1860.9	2087.0	2404.3	2696.2	3084.4	5385.3	9124.9	13617.4
-7.5°	1149.4	1440.3	1669.6	1847.7	2067.7	2374.7	2667.2	3041.1	5090.0	8622.4	12970.2
-10°	1125.3	1414.7	1647.9	1829.2	2041.0	2333.4	2627.0	2981.0	4680.1	7925.8	12074.1
-12.5°	1094.5	1381.9	1620.3	1805.7	2006.8	2280.8	2575.8	2904.5	4158.9	7041.4	10938.7
-15°	1057.0	1342.1	1586.8	1777.1	1965.4	2217.2	2513.8	2812.1	3530.4	5977.0	9575.2
-17.5°	1013.1	1295.4	1547.4	1743.7	1916.9	2142.7	2441.5	2708.4	3068.1	5058.1	8230.3
-20°	962.7	1241.9	1502.5	1705.5	1864.1	2070.9	2351.1	2619.3	2935.8	4162.6	6721.3



REPORT NUMBER: P1305986 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-4S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	906.2	1181.9	1445.5	1652.7	1817.5	2003.7	2248.4	2520.1	2788.8	3170.0	5257.9
-25°	846.8	1112.9	1372.7	1591.8	1766.1	1929.8	2135.7	2409.3	2652.8	2954.4	4094.5
-27.5°	785.3	1037.4	1293.3	1525.6	1710.2	1854.9	2039.3	2277.6	2526.2	2768.0	3075.3
-30°	718.8	955.8	1207.5	1448.1	1636.2	1789.8	1946.2	2136.4	2386.4	2610.0	2863.0
-32.5°	647.4	869.0	1112.9	1348.1	1553.4	1720.3	1853.1	2020.2	2226.0	2456.8	2660.9
-35°	576.4	785.3	1011.1	1241.9	1463.1	1632.2	1774.2	1908.1	2070.3	2280.4	2490.1
-37.5°	509.5	696.8	903.6	1127.8	1342.1	1532.7	1689.5	1810.5	1945.2	2095.6	2298.7
-40°	439.0	603.7	799.2	1005.3	1215.3	1414.7	1578.0	1718.2	1828.9	1957.6	2095.6
-42.5°	367.9	522.4	693.1	877.5	1079.0	1272.9	1458.7	1600.8	1727.3	1828.9	1945.2
-45°	314.2	438.1	585.9	757.9	936.0	1123.6	1301.9	1473.4	1600.8	1718.2	1810.5
-47.5°	258.3	357.7	490.8	634.2	797.0	965.5	1138.6	1301.9	1458.7	1578.0	1689.5
-50°	206.7	294.5	392.6	522.7	660.1	810.1	965.5	1123.6	1272.9	1414.7	1532.7
-52.5°	171.7	229.4	316.4	413.7	533.4	660.1	797.0	936.0	1079.0	1215.3	1342.1
-55°	135.7	184.4	243.9	323.7	413.7	522.7	634.2	757.9	877.5	1005.3	1127.8
-57.5°	105.3	144.1	188.6	243.9	316.4	392.6	490.8	585.9	693.1	799.2	903.6
-60°	77.9	108.3	144.1	184.4	229.4	294.5	357.7	438.1	522.4	603.7	696.8
-62.5°	53.0	77.9	105.3	135.7	171.7	206.7	258.3	314.2	367.9	439.0	509.5
-65°	41.4	51.8	71.9	96.2	119.9	150.8	181.5	211.2	256.9	303.6	348.0
-67.5°	29.6	38.9	48.1	59.9	81.3	101.9	121.9	148.4	174.0	198.5	226.4
-70°	24.5	27.1	34.1	42.0	49.8	60.5	78.2	95.4	111.8	129.4	150.1
-72.5°	20.7	22.9	25.2	27.4	33.6	40.2	46.5	52.6	63.4	77.1	90.1
-75°	16.8	18.8	20.7	22.6	24.4	26.1	28.4	33.6	38.6	43.4	47.9
-77.5°	12.9	14.5	16.1	17.7	19.2	20.7	22.1	23.5	24.8	26.0	27.2
-80°	9.5	10.3	11.5	12.8	14.0	15.2	16.3	17.4	18.5	19.5	20.4
-82.5°	7.1	7.7	8.3	8.9	9.4	9.9	10.5	11.3	12.1	12.9	13.6
-85°	4.8	5.2	5.6	5.9	6.3	6.7	7.0	7.3	7.6	7.9	8.2
-87.5°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
85°	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.1
82.5°	14.3	14.9	15.5	16.0	16.5	17.0	17.4	17.8	18.1	18.4	18.6
80°	21.3	22.2	23.0	23.7	24.3	25.0	25.5	26.0	26.4	26.8	27.1
77.5°	29.9	33.3	36.4	39.4	42.0	44.5	46.7	48.6	50.3	51.8	53.0
75°	52.2	58.0	67.3	75.9	83.8	91.0	97.5	103.3	108.3	112.6	116.1
72.5°	102.5	114.1	125.9	139.9	152.7	164.4	175.0	184.4	192.5	199.5	205.2
70°	169.6	188.1	205.3	225.6	250.8	273.8	294.5	313.0	329.0	342.7	353.9
67.5°	264.2	299.7	333.1	364.0	400.7	438.1	471.9	501.9	528.1	550.3	568.6
65°	397.1	454.2	507.6	557.4	603.7	654.3	699.9	740.5	776.0	806.2	831.0
62.5°	576.4	647.4	718.8	785.3	846.8	906.2	962.7	1013.1	1057.0	1094.5	1125.3
60°	785.3	869.0	955.8	1037.4	1112.9	1181.9	1241.9	1295.4	1342.1	1381.9	1414.7
57.5°	1011.1	1112.9	1207.5	1293.3	1372.7	1445.5	1502.5	1547.4	1586.8	1620.3	1647.9
55°	1241.9	1348.1	1448.1	1525.6	1591.8	1652.7	1705.5	1743.7	1777.1	1805.7	1829.2
52.5°	1463.1	1553.4	1636.2	1710.2	1766.1	1817.5	1864.1	1916.9	1965.4	2006.8	2041.0
50°	1632.2	1720.3	1789.8	1854.9	1929.8	2003.7	2070.9	2142.7	2217.2	2280.8	2333.4
47.5°	1774.2	1853.1	1946.2	2039.3	2135.7	2248.4	2351.1	2441.5	2513.8	2575.8	2627.0
45°	1908.1	2020.2	2136.4	2277.6	2409.3	2520.1	2619.3	2708.4	2812.1	2904.5	2981.0
42.5°	2070.3	2226.0	2386.4	2526.2	2652.8	2788.8	2935.8	3068.1	3530.4	4158.9	4680.1
40°	2280.4	2456.8	2610.0	2768.0	2954.4	3170.0	4162.6	5058.1	5977.0	7041.4	7925.8
37.5°	2490.1	2660.9	2863.0	3075.3	4094.5	5257.9	6721.3	8230.3	9575.2	10938.7	12074.1
35°	2678.0	2911.1	3306.1	4723.5	6305.4	8252.6	10141.2	12063.7	13773.8	15367.9	16729.8
32.5°	2911.1	3461.3	5042.0	7069.9	9297.2	11718.0	13996.7	16268.3	18309.0	20208.6	21910.2
30°	3306.1	5042.0	7327.0	9880.5	12683.1	15439.3	18137.5	20807.8	23342.5	25640.2	27803.6
27.5°	4723.5	7069.9	9880.5	13008.2	16179.8	19295.3	22616.3	25773.8	28973.8	31780.7	34669.7
25°	6305.4	9297.2	12683.1	16179.8	19738.8	23538.0	27442.8	31278.8	35406.4	39148.5	43631.6
22.5°	8252.6	11718.0	15439.3	19295.3	23538.0	28007.1	32604.1	37656.8	43539.7	49974.9	56464.5
20°	10141.2	13996.7	18137.5	22616.3	27442.8	32604.1	38420.0	46059.4	54317.8	64156.6	73174.6
17.5°	12063.7	16268.3	20807.8	25773.8	31278.8	37656.8	46059.4	56198.4	68144.5	81463.5	93876.6
15°	13773.8	18309.0	23342.5	28973.8	35406.4	43539.7	54317.8	68144.5	84306.5	101606.2	119744.3
12.5°	15367.9	20208.6	25640.2	31780.7	39148.5	49974.9	64156.6	81463.5	101606.2	124149.6	140830.2
10°	16729.8	21910.2	27803.6	34669.7	43631.6	56464.5	73174.6	93876.6	119744.3	140830.2	158015.9
7.5°	17807.1	23259.8	29525.4	36980.8	47641.1	62666.4	82271.5	107039.7	133120.5	154248.7	171145.8
5°	18586.6	24238.6	30777.5	38667.3	50580.0	67238.7	89029.9	117091.6	142470.6	163450.7	180510.1
2.5°	19058.5	24832.0	31538.1	39694.3	52375.4	70043.8	93200.3	123345.2	148357.8	169097.3	186508.3
0°	19216.5	25030.9	31793.2	40039.2	52979.4	70989.6	94610.9	125470.0	150371.7	170969.5	188629.0
-2.5°	19058.5	24832.0	31538.1	39694.3	52375.4	70043.8	93200.3	123345.2	148357.8	169097.3	186508.3
-5°	18586.6	24238.6	30777.5	38667.3	50580.0	67238.7	89029.9	117091.6	142470.6	163450.7	180510.1
-7.5°	17807.1	23259.8	29525.4	36980.8	47641.1	62666.4	82271.5	107039.7	133120.5	154248.7	171145.8
-10°	16729.8	21910.2	27803.6	34669.7	43631.6	56464.5	73174.6	93876.6	119744.3	140830.2	158015.9
-12.5°	15367.9	20208.6	25640.2	31780.7	39148.5	49974.9	64156.6	81463.5	101606.2	124149.6	140830.2
-15°	13773.8	18309.0	23342.5	28973.8	35406.4	43539.7	54317.8	68144.5	84306.5	101606.2	119744.3
-17.5°	12063.7	16268.3	20807.8	25773.8	31278.8	37656.8	46059.4	56198.4	68144.5	81463.5	93876.6
-20°	10141.2	13996.7	18137.5	22616.3	27442.8	32604.1	38420.0	46059.4	54317.8	64156.6	73174.6



REPORT NUMBER: P1305986 (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°	8252.6	11718.0	15439.3	19295.3	23538.0	28007.1	32604.1	37656.8	43539.7	49974.9	56464.5
-25°	6305.4	9297.2	12683.1	16179.8	19738.8	23538.0	27442.8	31278.8	35406.4	39148.5	43631.6
-27.5°	4723.5	7069.9	9880.5	13008.2	16179.8	19295.3	22616.3	25773.8	28973.8	31780.7	34669.7
-30°	3306.1	5042.0	7327.0	9880.5	12683.1	15439.3	18137.5	20807.8	23342.5	25640.2	27803.6
-32.5°	2911.1	3461.3	5042.0	7069.9	9297.2	11718.0	13996.7	16268.3	18309.0	20208.6	21910.2
-35°	2678.0	2911.1	3306.1	4723.5	6305.4	8252.6	10141.2	12063.7	13773.8	15367.9	16729.8
-37.5°	2490.1	2660.9	2863.0	3075.3	4094.5	5257.9	6721.3	8230.3	9575.2	10938.7	12074.1
-40°	2280.4	2456.8	2610.0	2768.0	2954.4	3170.0	4162.6	5058.1	5977.0	7041.4	7925.8
-42.5°	2070.3	2226.0	2386.4	2526.2	2652.8	2788.8	2935.8	3068.1	3530.4	4158.9	4680.1
-45°	1908.1	2020.2	2136.4	2277.6	2409.3	2520.1	2619.3	2708.4	2812.1	2904.5	2981.0
-47.5°	1774.2	1853.1	1946.2	2039.3	2135.7	2248.4	2351.1	2441.5	2513.8	2575.8	2627.0
-50°	1632.2	1720.3	1789.8	1854.9	1929.8	2003.7	2070.9	2142.7	2217.2	2280.8	2333.4
-52.5°	1463.1	1553.4	1636.2	1710.2	1766.1	1817.5	1864.1	1916.9	1965.4	2006.8	2041.0
-55°	1241.9	1348.1	1448.1	1525.6	1591.8	1652.7	1705.5	1743.7	1777.1	1805.7	1829.2
-57.5°	1011.1	1112.9	1207.5	1293.3	1372.7	1445.5	1502.5	1547.4	1586.8	1620.3	1647.9
-60°	785.3	869.0	955.8	1037.4	1112.9	1181.9	1241.9	1295.4	1342.1	1381.9	1414.7
-62.5°	576.4	647.4	718.8	785.3	846.8	906.2	962.7	1013.1	1057.0	1094.5	1125.3
-65°	397.1	454.2	507.6	557.4	603.7	654.3	699.9	740.5	776.0	806.2	831.0
-67.5°	264.2	299.7	333.1	364.0	400.7	438.1	471.9	501.9	528.1	550.3	568.6
-70°	169.6	188.1	205.3	225.6	250.8	273.8	294.5	313.0	329.0	342.7	353.9
-72.5°	102.5	114.1	125.9	139.9	152.7	164.4	175.0	184.4	192.5	199.5	205.2
-75°	52.2	58.0	67.3	75.9	83.8	91.0	97.5	103.3	108.3	112.6	116.1
-77.5°	29.9	33.3	36.4	39.4	42.0	44.5	46.7	48.6	50.3	51.8	53.0
-80°	21.3	22.2	23.0	23.7	24.3	25.0	25.5	26.0	26.4	26.8	27.1
-82.5°	14.3	14.9	15.5	16.0	16.5	17.0	17.4	17.8	18.1	18.4	18.6
-85°	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.1
-87.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305986 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-4S-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
85°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	10.0	9.8
82.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.6	18.4	18.1	17.8
80°	27.3	27.5	27.6	27.6	27.6	27.5	27.3	27.1	26.8	26.4	26.0
77.5°	53.9	54.6	55.0	55.1	55.0	54.6	53.9	53.0	51.8	50.3	48.6
75°	118.9	120.8	122.0	122.4	122.0	120.8	118.9	116.1	112.6	108.3	103.3
72.5°	209.7	212.8	214.8	215.4	214.8	212.8	209.7	205.2	199.5	192.5	184.4
70°	362.7	369.0	372.7	374.0	372.7	369.0	362.7	353.9	342.7	329.0	313.0
67.5°	582.9	593.2	599.3	601.4	599.3	593.2	582.9	568.6	550.3	528.1	501.9
65°	850.4	864.3	872.6	875.4	872.6	864.3	850.4	831.0	806.2	776.0	740.5
62.5°	1149.4	1166.7	1177.0	1180.5	1177.0	1166.7	1149.4	1125.3	1094.5	1057.0	1013.1
60°	1440.3	1458.7	1469.7	1473.4	1469.7	1458.7	1440.3	1414.7	1381.9	1342.1	1295.4
57.5°	1669.6	1685.1	1694.4	1697.5	1694.4	1685.1	1669.6	1647.9	1620.3	1586.8	1547.4
55°	1847.7	1860.9	1868.8	1871.5	1868.8	1860.9	1847.7	1829.2	1805.7	1777.1	1743.7
52.5°	2067.7	2087.0	2098.5	2102.4	2098.5	2087.0	2067.7	2041.0	2006.8	1965.4	1916.9
50°	2374.7	2404.3	2422.1	2428.1	2422.1	2404.3	2374.7	2333.4	2280.8	2217.2	2142.7
47.5°	2667.2	2696.2	2713.6	2719.4	2713.6	2696.2	2667.2	2627.0	2575.8	2513.8	2441.5
45°	3041.1	3084.4	3110.5	3119.2	3110.5	3084.4	3041.1	2981.0	2904.5	2812.1	2708.4
42.5°	5090.0	5385.3	5563.5	5623.1	5563.5	5385.3	5090.0	4680.1	4158.9	3530.4	3068.1
40°	8622.4	9124.9	9428.3	9529.8	9428.3	9124.9	8622.4	7925.8	7041.4	5977.0	5058.1
37.5°	12970.2	13617.4	14008.8	14139.7	14008.8	13617.4	12970.2	12074.1	10938.7	9575.2	8230.3
35°	17807.1	18586.6	19058.5	19216.5	19058.5	18586.6	17807.1	16729.8	15367.9	13773.8	12063.7
32.5°	23259.8	24238.6	24832.0	25030.9	24832.0	24238.6	23259.8	21910.2	20208.6	18309.0	16268.3
30°	29525.4	30777.5	31538.1	31793.2	31538.1	30777.5	29525.4	27803.6	25640.2	23342.5	20807.8
27.5°	36980.8	38667.3	39694.3	40039.2	39694.3	38667.3	36980.8	34669.7	31780.7	28973.8	25773.8
25°	47641.1	50580.0	52375.4	52979.4	52375.4	50580.0	47641.1	43631.6	39148.5	35406.4	31278.8
22.5°	62666.4	67238.7	70043.8	70989.6	70043.8	67238.7	62666.4	56464.5	49974.9	43539.7	37656.8
20°	82271.5	89029.9	93200.3	94610.9	93200.3	89029.9	82271.5	73174.6	64156.6	54317.8	46059.4
17.5°	107039.7	117091.6	123345.2	125470.0	123345.2	117091.6	107039.7	93876.6	81463.5	68144.5	56198.4
15°	133120.5	142470.6	148357.8	150371.7	148357.8	142470.6	133120.5	119744.3	101606.2	84306.5	68144.5
12.5°	154248.7	163450.7	169097.3	170969.5	169097.3	163450.7	154248.7	140830.2	124149.6	101606.2	81463.5
10°	171145.8	180510.1	186508.3	188629.0	186508.3	180510.1	171145.8	158015.9	140830.2	119744.3	93876.6
7.5°	184512.5	195082.1	201483.8	203762.2	201483.8	195082.1	184512.5	171145.8	154248.7	133120.5	107039.7
5°	195082.1	206209.8	213787.1	216453.4	213787.1	206209.8	195082.1	180510.1	163450.7	142470.6	117091.6
2.5°	201483.8	213787.1	221106.7	223209.6	221106.7	213787.1	201483.8	186508.3	169097.3	148357.8	123345.2
0°	203762.2	216453.4	223209.6	224166.9	223209.6	216453.4	203762.2	188629.0	170969.5	150371.7	125470.0
-2.5°	201483.8	213787.1	221106.7	223209.6	221106.7	213787.1	201483.8	186508.3	169097.3	148357.8	123345.2
-5°	195082.1	206209.8	213787.1	216453.4	213787.1	206209.8	195082.1	180510.1	163450.7	142470.6	117091.6
-7.5°	184512.5	195082.1	201483.8	203762.2	201483.8	195082.1	184512.5	171145.8	154248.7	133120.5	107039.7
-10°	171145.8	180510.1	186508.3	188629.0	186508.3	180510.1	171145.8	158015.9	140830.2	119744.3	93876.6
-12.5°	154248.7	163450.7	169097.3	170969.5	169097.3	163450.7	154248.7	140830.2	124149.6	101606.2	81463.5
-15°	133120.5	142470.6	148357.8	150371.7	148357.8	142470.6	133120.5	119744.3	101606.2	84306.5	68144.5
-17.5°	107039.7	117091.6	123345.2	125470.0	123345.2	117091.6	107039.7	93876.6	81463.5	68144.5	56198.4
-20°	82271.5	89029.9	93200.3	94610.9	93200.3	89029.9	82271.5	73174.6	64156.6	54317.8	46059.4



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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°	62666.4	67238.7	70043.8	70989.6	70043.8	67238.7	62666.4	56464.5	49974.9	43539.7	37656.8
-25°	47641.1	50580.0	52375.4	52979.4	52375.4	50580.0	47641.1	43631.6	39148.5	35406.4	31278.8
-27.5°	36980.8	38667.3	39694.3	40039.2	39694.3	38667.3	36980.8	34669.7	31780.7	28973.8	25773.8
-30°	29525.4	30777.5	31538.1	31793.2	31538.1	30777.5	29525.4	27803.6	25640.2	23342.5	20807.8
-32.5°	23259.8	24238.6	24832.0	25030.9	24832.0	24238.6	23259.8	21910.2	20208.6	18309.0	16268.3
-35°	17807.1	18586.6	19058.5	19216.5	19058.5	18586.6	17807.1	16729.8	15367.9	13773.8	12063.7
-37.5°	12970.2	13617.4	14008.8	14139.7	14008.8	13617.4	12970.2	12074.1	10938.7	9575.2	8230.3
-40°	8622.4	9124.9	9428.3	9529.8	9428.3	9124.9	8622.4	7925.8	7041.4	5977.0	5058.1
-42.5°	5090.0	5385.3	5563.5	5623.1	5563.5	5385.3	5090.0	4680.1	4158.9	3530.4	3068.1
-45°	3041.1	3084.4	3110.5	3119.2	3110.5	3084.4	3041.1	2981.0	2904.5	2812.1	2708.4
-47.5°	2667.2	2696.2	2713.6	2719.4	2713.6	2696.2	2667.2	2627.0	2575.8	2513.8	2441.5
-50°	2374.7	2404.3	2422.1	2428.1	2422.1	2404.3	2374.7	2333.4	2280.8	2217.2	2142.7
-52.5°	2067.7	2087.0	2098.5	2102.4	2098.5	2087.0	2067.7	2041.0	2006.8	1965.4	1916.9
-55°	1847.7	1860.9	1868.8	1871.5	1868.8	1860.9	1847.7	1829.2	1805.7	1777.1	1743.7
-57.5°	1669.6	1685.1	1694.4	1697.5	1694.4	1685.1	1669.6	1647.9	1620.3	1586.8	1547.4
-60°	1440.3	1458.7	1469.7	1473.4	1469.7	1458.7	1440.3	1414.7	1381.9	1342.1	1295.4
-62.5°	1149.4	1166.7	1177.0	1180.5	1177.0	1166.7	1149.4	1125.3	1094.5	1057.0	1013.1
-65°	850.4	864.3	872.6	875.4	872.6	864.3	850.4	831.0	806.2	776.0	740.5
-67.5°	582.9	593.2	599.3	601.4	599.3	593.2	582.9	568.6	550.3	528.1	501.9
-70°	362.7	369.0	372.7	374.0	372.7	369.0	362.7	353.9	342.7	329.0	313.0
-72.5°	209.7	212.8	214.8	215.4	214.8	212.8	209.7	205.2	199.5	192.5	184.4
-75°	118.9	120.8	122.0	122.4	122.0	120.8	118.9	116.1	112.6	108.3	103.3
-77.5°	53.9	54.6	55.0	55.1	55.0	54.6	53.9	53.0	51.8	50.3	48.6
-80°	27.3	27.5	27.6	27.6	27.6	27.5	27.3	27.1	26.8	26.4	26.0
-82.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.6	18.4	18.1	17.8
-85°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	10.0	9.8
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7
85°	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.2	7.9	7.6	7.3
82.5°	17.4	17.0	16.5	16.0	15.5	14.9	14.3	13.6	12.9	12.1	11.3
80°	25.5	25.0	24.3	23.7	23.0	22.2	21.3	20.4	19.5	18.5	17.4
77.5°	46.7	44.5	42.0	39.4	36.4	33.3	29.9	27.2	26.0	24.8	23.5
75°	97.5	91.0	83.8	75.9	67.3	58.0	52.2	47.9	43.4	38.6	33.6
72.5°	175.0	164.4	152.7	139.9	125.9	114.1	102.5	90.1	77.1	63.4	52.6
70°	294.5	273.8	250.8	225.6	205.3	188.1	169.6	150.1	129.4	111.8	95.4
67.5°	471.9	438.1	400.7	364.0	333.1	299.7	264.2	226.4	198.5	174.0	148.4
65°	699.9	654.3	603.7	557.4	507.6	454.2	397.1	348.0	303.6	256.9	211.2
62.5°	962.7	906.2	846.8	785.3	718.8	647.4	576.4	509.5	439.0	367.9	314.2
60°	1241.9	1181.9	1112.9	1037.4	955.8	869.0	785.3	696.8	603.7	522.4	438.1
57.5°	1502.5	1445.5	1372.7	1293.3	1207.5	1112.9	1011.1	903.6	799.2	693.1	585.9
55°	1705.5	1652.7	1591.8	1525.6	1448.1	1348.1	1241.9	1127.8	1005.3	877.5	757.9
52.5°	1864.1	1817.5	1766.1	1710.2	1636.2	1553.4	1463.1	1342.1	1215.3	1079.0	936.0
50°	2070.9	2003.7	1929.8	1854.9	1789.8	1720.3	1632.2	1532.7	1414.7	1272.9	1123.6
47.5°	2351.1	2248.4	2135.7	2039.3	1946.2	1853.1	1774.2	1689.5	1578.0	1458.7	1301.9
45°	2619.3	2520.1	2409.3	2277.6	2136.4	2020.2	1908.1	1810.5	1718.2	1600.8	1473.4
42.5°	2935.8	2788.8	2652.8	2526.2	2386.4	2226.0	2070.3	1945.2	1828.9	1727.3	1600.8
40°	4162.6	3170.0	2954.4	2768.0	2610.0	2456.8	2280.4	2095.6	1957.6	1828.9	1718.2
37.5°	6721.3	5257.9	4094.5	3075.3	2863.0	2660.9	2490.1	2298.7	2095.6	1945.2	1810.5
35°	10141.2	8252.6	6305.4	4723.5	3306.1	2911.1	2678.0	2490.1	2280.4	2070.3	1908.1
32.5°	13996.7	11718.0	9297.2	7069.9	5042.0	3461.3	2911.1	2660.9	2456.8	2226.0	2020.2
30°	18137.5	15439.3	12683.1	9880.5	7327.0	5042.0	3306.1	2863.0	2610.0	2386.4	2136.4
27.5°	22616.3	19295.3	16179.8	13008.2	9880.5	7069.9	4723.5	3075.3	2768.0	2526.2	2277.6
25°	27442.8	23538.0	19738.8	16179.8	12683.1	9297.2	6305.4	4094.5	2954.4	2652.8	2409.3
22.5°	32604.1	28007.1	23538.0	19295.3	15439.3	11718.0	8252.6	5257.9	3170.0	2788.8	2520.1
20°	38420.0	32604.1	27442.8	22616.3	18137.5	13996.7	10141.2	6721.3	4162.6	2935.8	2619.3
17.5°	46059.4	37656.8	31278.8	25773.8	20807.8	16268.3	12063.7	8230.3	5058.1	3068.1	2708.4
15°	54317.8	43539.7	35406.4	28973.8	23342.5	18309.0	13773.8	9575.2	5977.0	3530.4	2812.1
12.5°	64156.6	49974.9	39148.5	31780.7	25640.2	20208.6	15367.9	10938.7	7041.4	4158.9	2904.5
10°	73174.6	56464.5	43631.6	34669.7	27803.6	21910.2	16729.8	12074.1	7925.8	4680.1	2981.0
7.5°	82271.5	62666.4	47641.1	36980.8	29525.4	23259.8	17807.1	12970.2	8622.4	5090.0	3041.1
5°	89029.9	67238.7	50580.0	38667.3	30777.5	24238.6	18586.6	13617.4	9124.9	5385.3	3084.4
2.5°	93200.3	70043.8	52375.4	39694.3	31538.1	24832.0	19058.5	14008.8	9428.3	5563.5	3110.5
0°	94610.9	70989.6	52979.4	40039.2	31793.2	25030.9	19216.5	14139.7	9529.8	5623.1	3119.2
-2.5°	93200.3	70043.8	52375.4	39694.3	31538.1	24832.0	19058.5	14008.8	9428.3	5563.5	3110.5
-5°	89029.9	67238.7	50580.0	38667.3	30777.5	24238.6	18586.6	13617.4	9124.9	5385.3	3084.4
-7.5°	82271.5	62666.4	47641.1	36980.8	29525.4	23259.8	17807.1	12970.2	8622.4	5090.0	3041.1
-10°	73174.6	56464.5	43631.6	34669.7	27803.6	21910.2	16729.8	12074.1	7925.8	4680.1	2981.0
-12.5°	64156.6	49974.9	39148.5	31780.7	25640.2	20208.6	15367.9	10938.7	7041.4	4158.9	2904.5
-15°	54317.8	43539.7	35406.4	28973.8	23342.5	18309.0	13773.8	9575.2	5977.0	3530.4	2812.1
-17.5°	46059.4	37656.8	31278.8	25773.8	20807.8	16268.3	12063.7	8230.3	5058.1	3068.1	2708.4
-20°	38420.0	32604.1	27442.8	22616.3	18137.5	13996.7	10141.2	6721.3	4162.6	2935.8	2619.3



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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°	32604.1	28007.1	23538.0	19295.3	15439.3	11718.0	8252.6	5257.9	3170.0	2788.8	2520.1
-25°	27442.8	23538.0	19738.8	16179.8	12683.1	9297.2	6305.4	4094.5	2954.4	2652.8	2409.3
-27.5°	22616.3	19295.3	16179.8	13008.2	9880.5	7069.9	4723.5	3075.3	2768.0	2526.2	2277.6
-30°	18137.5	15439.3	12683.1	9880.5	7327.0	5042.0	3306.1	2863.0	2610.0	2386.4	2136.4
-32.5°	13996.7	11718.0	9297.2	7069.9	5042.0	3461.3	2911.1	2660.9	2456.8	2226.0	2020.2
-35°	10141.2	8252.6	6305.4	4723.5	3306.1	2911.1	2678.0	2490.1	2280.4	2070.3	1908.1
-37.5°	6721.3	5257.9	4094.5	3075.3	2863.0	2660.9	2490.1	2298.7	2095.6	1945.2	1810.5
-40°	4162.6	3170.0	2954.4	2768.0	2610.0	2456.8	2280.4	2095.6	1957.6	1828.9	1718.2
-42.5°	2935.8	2788.8	2652.8	2526.2	2386.4	2226.0	2070.3	1945.2	1828.9	1727.3	1600.8
-45°	2619.3	2520.1	2409.3	2277.6	2136.4	2020.2	1908.1	1810.5	1718.2	1600.8	1473.4
-47.5°	2351.1	2248.4	2135.7	2039.3	1946.2	1853.1	1774.2	1689.5	1578.0	1458.7	1301.9
-50°	2070.9	2003.7	1929.8	1854.9	1789.8	1720.3	1632.2	1532.7	1414.7	1272.9	1123.6
-52.5°	1864.1	1817.5	1766.1	1710.2	1636.2	1553.4	1463.1	1342.1	1215.3	1079.0	936.0
-55°	1705.5	1652.7	1591.8	1525.6	1448.1	1348.1	1241.9	1127.8	1005.3	877.5	757.9
-57.5°	1502.5	1445.5	1372.7	1293.3	1207.5	1112.9	1011.1	903.6	799.2	693.1	585.9
-60°	1241.9	1181.9	1112.9	1037.4	955.8	869.0	785.3	696.8	603.7	522.4	438.1
-62.5°	962.7	906.2	846.8	785.3	718.8	647.4	576.4	509.5	439.0	367.9	314.2
-65°	699.9	654.3	603.7	557.4	507.6	454.2	397.1	348.0	303.6	256.9	211.2
-67.5°	471.9	438.1	400.7	364.0	333.1	299.7	264.2	226.4	198.5	174.0	148.4
-70°	294.5	273.8	250.8	225.6	205.3	188.1	169.6	150.1	129.4	111.8	95.4
-72.5°	175.0	164.4	152.7	139.9	125.9	114.1	102.5	90.1	77.1	63.4	52.6
-75°	97.5	91.0	83.8	75.9	67.3	58.0	52.2	47.9	43.4	38.6	33.6
-77.5°	46.7	44.5	42.0	39.4	36.4	33.3	29.9	27.2	26.0	24.8	23.5
-80°	25.5	25.0	24.3	23.7	23.0	22.2	21.3	20.4	19.5	18.5	17.4
-82.5°	17.4	17.0	16.5	16.0	15.5	14.9	14.3	13.6	12.9	12.1	11.3
-85°	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.2	7.9	7.6	7.3
-87.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7
-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: P1305986 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
85°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.4	4.0	3.6	3.1
82.5°	10.5	9.9	9.4	8.9	8.3	7.7	7.1	6.6	5.9	5.3	4.7
80°	16.3	15.2	14.0	12.8	11.5	10.3	9.5	8.7	7.9	7.0	6.2
77.5°	22.1	20.7	19.2	17.7	16.1	14.5	12.9	11.2	9.8	8.8	7.7
75°	28.4	26.1	24.4	22.6	20.7	18.8	16.8	14.8	12.7	10.6	9.2
72.5°	46.5	40.2	33.6	27.4	25.2	22.9	20.7	18.3	15.9	13.4	11.0
70°	78.2	60.5	49.8	42.0	34.1	27.1	24.5	21.8	19.1	16.3	13.4
67.5°	121.9	101.9	81.3	59.9	48.1	38.9	29.6	25.2	22.2	19.1	15.9
65°	181.5	150.8	119.9	96.2	71.9	51.8	41.4	30.8	25.2	21.8	18.3
62.5°	258.3	206.7	171.7	135.7	105.3	77.9	53.0	41.4	29.6	24.5	20.7
60°	357.7	294.5	229.4	184.4	144.1	108.3	77.9	51.8	38.9	27.1	22.9
57.5°	490.8	392.6	316.4	243.9	188.6	144.1	105.3	71.9	48.1	34.1	25.2
55°	634.2	522.7	413.7	323.7	243.9	184.4	135.7	96.2	59.9	42.0	27.4
52.5°	797.0	660.1	533.4	413.7	316.4	229.4	171.7	119.9	81.3	49.8	33.6
50°	965.5	810.1	660.1	522.7	392.6	294.5	206.7	150.8	101.9	60.5	40.2
47.5°	1138.6	965.5	797.0	634.2	490.8	357.7	258.3	181.5	121.9	78.2	46.5
45°	1301.9	1123.6	936.0	757.9	585.9	438.1	314.2	211.2	148.4	95.4	52.6
42.5°	1458.7	1272.9	1079.0	877.5	693.1	522.4	367.9	256.9	174.0	111.8	63.4
40°	1578.0	1414.7	1215.3	1005.3	799.2	603.7	439.0	303.6	198.5	129.4	77.1
37.5°	1689.5	1532.7	1342.1	1127.8	903.6	696.8	509.5	348.0	226.4	150.1	90.1
35°	1774.2	1632.2	1463.1	1241.9	1011.1	785.3	576.4	397.1	264.2	169.6	102.5
32.5°	1853.1	1720.3	1553.4	1348.1	1112.9	869.0	647.4	454.2	299.7	188.1	114.1
30°	1946.2	1789.8	1636.2	1448.1	1207.5	955.8	718.8	507.6	333.1	205.3	125.9
27.5°	2039.3	1854.9	1710.2	1525.6	1293.3	1037.4	785.3	557.4	364.0	225.6	139.9
25°	2135.7	1929.8	1766.1	1591.8	1372.7	1112.9	846.8	603.7	400.7	250.8	152.7
22.5°	2248.4	2003.7	1817.5	1652.7	1445.5	1181.9	906.2	654.3	438.1	273.8	164.4
20°	2351.1	2070.9	1864.1	1705.5	1502.5	1241.9	962.7	699.9	471.9	294.5	175.0
17.5°	2441.5	2142.7	1916.9	1743.7	1547.4	1295.4	1013.1	740.5	501.9	313.0	184.4
15°	2513.8	2217.2	1965.4	1777.1	1586.8	1342.1	1057.0	776.0	528.1	329.0	192.5
12.5°	2575.8	2280.8	2006.8	1805.7	1620.3	1381.9	1094.5	806.2	550.3	342.7	199.5
10°	2627.0	2333.4	2041.0	1829.2	1647.9	1414.7	1125.3	831.0	568.6	353.9	205.2
7.5°	2667.2	2374.7	2067.7	1847.7	1669.6	1440.3	1149.4	850.4	582.9	362.7	209.7
5°	2696.2	2404.3	2087.0	1860.9	1685.1	1458.7	1166.7	864.3	593.2	369.0	212.8
2.5°	2713.6	2422.1	2098.5	1868.8	1694.4	1469.7	1177.0	872.6	599.3	372.7	214.8
0°	2719.4	2428.1	2102.4	1871.5	1697.5	1473.4	1180.5	875.4	601.4	374.0	215.4
-2.5°	2713.6	2422.1	2098.5	1868.8	1694.4	1469.7	1177.0	872.6	599.3	372.7	214.8
-5°	2696.2	2404.3	2087.0	1860.9	1685.1	1458.7	1166.7	864.3	593.2	369.0	212.8
-7.5°	2667.2	2374.7	2067.7	1847.7	1669.6	1440.3	1149.4	850.4	582.9	362.7	209.7
-10°	2627.0	2333.4	2041.0	1829.2	1647.9	1414.7	1125.3	831.0	568.6	353.9	205.2
-12.5°	2575.8	2280.8	2006.8	1805.7	1620.3	1381.9	1094.5	806.2	550.3	342.7	199.5
-15°	2513.8	2217.2	1965.4	1777.1	1586.8	1342.1	1057.0	776.0	528.1	329.0	192.5
-17.5°	2441.5	2142.7	1916.9	1743.7	1547.4	1295.4	1013.1	740.5	501.9	313.0	184.4
-20°	2351.1	2070.9	1864.1	1705.5	1502.5	1241.9	962.7	699.9	471.9	294.5	175.0



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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°	2248.4	2003.7	1817.5	1652.7	1445.5	1181.9	906.2	654.3	438.1	273.8	164.4
-25°	2135.7	1929.8	1766.1	1591.8	1372.7	1112.9	846.8	603.7	400.7	250.8	152.7
-27.5°	2039.3	1854.9	1710.2	1525.6	1293.3	1037.4	785.3	557.4	364.0	225.6	139.9
-30°	1946.2	1789.8	1636.2	1448.1	1207.5	955.8	718.8	507.6	333.1	205.3	125.9
-32.5°	1853.1	1720.3	1553.4	1348.1	1112.9	869.0	647.4	454.2	299.7	188.1	114.1
-35°	1774.2	1632.2	1463.1	1241.9	1011.1	785.3	576.4	397.1	264.2	169.6	102.5
-37.5°	1689.5	1532.7	1342.1	1127.8	903.6	696.8	509.5	348.0	226.4	150.1	90.1
-40°	1578.0	1414.7	1215.3	1005.3	799.2	603.7	439.0	303.6	198.5	129.4	77.1
-42.5°	1458.7	1272.9	1079.0	877.5	693.1	522.4	367.9	256.9	174.0	111.8	63.4
-45°	1301.9	1123.6	936.0	757.9	585.9	438.1	314.2	211.2	148.4	95.4	52.6
-47.5°	1138.6	965.5	797.0	634.2	490.8	357.7	258.3	181.5	121.9	78.2	46.5
-50°	965.5	810.1	660.1	522.7	392.6	294.5	206.7	150.8	101.9	60.5	40.2
-52.5°	797.0	660.1	533.4	413.7	316.4	229.4	171.7	119.9	81.3	49.8	33.6
-55°	634.2	522.7	413.7	323.7	243.9	184.4	135.7	96.2	59.9	42.0	27.4
-57.5°	490.8	392.6	316.4	243.9	188.6	144.1	105.3	71.9	48.1	34.1	25.2
-60°	357.7	294.5	229.4	184.4	144.1	108.3	77.9	51.8	38.9	27.1	22.9
-62.5°	258.3	206.7	171.7	135.7	105.3	77.9	53.0	41.4	29.6	24.5	20.7
-65°	181.5	150.8	119.9	96.2	71.9	51.8	41.4	30.8	25.2	21.8	18.3
-67.5°	121.9	101.9	81.3	59.9	48.1	38.9	29.6	25.2	22.2	19.1	15.9
-70°	78.2	60.5	49.8	42.0	34.1	27.1	24.5	21.8	19.1	16.3	13.4
-72.5°	46.5	40.2	33.6	27.4	25.2	22.9	20.7	18.3	15.9	13.4	11.0
-75°	28.4	26.1	24.4	22.6	20.7	18.8	16.8	14.8	12.7	10.6	9.2
-77.5°	22.1	20.7	19.2	17.7	16.1	14.5	12.9	11.2	9.8	8.8	7.7
-80°	16.3	15.2	14.0	12.8	11.5	10.3	9.5	8.7	7.9	7.0	6.2
-82.5°	10.5	9.9	9.4	8.9	8.3	7.7	7.1	6.6	5.9	5.3	4.7
-85°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.4	4.0	3.6	3.1
-87.5°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
-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):

	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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
77.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
75°	7.9	6.7	5.4	4.0	2.7	1.3	0.0
72.5°	9.2	7.7	6.2	4.7	3.1	1.6	0.0
70°	10.6	8.8	7.0	5.3	3.6	1.8	0.0
67.5°	12.7	9.8	7.9	5.9	4.0	2.0	0.0
65°	14.8	11.2	8.7	6.6	4.4	2.2	0.0
62.5°	16.8	12.9	9.5	7.1	4.8	2.4	0.0
60°	18.8	14.5	10.3	7.7	5.2	2.6	0.0
57.5°	20.7	16.1	11.5	8.3	5.6	2.8	0.0
55°	22.6	17.7	12.8	8.9	5.9	3.0	0.0
52.5°	24.4	19.2	14.0	9.4	6.3	3.2	0.0
50°	26.1	20.7	15.2	9.9	6.7	3.3	0.0
47.5°	28.4	22.1	16.3	10.5	7.0	3.5	0.0
45°	33.6	23.5	17.4	11.3	7.3	3.7	0.0
42.5°	38.6	24.8	18.5	12.1	7.6	3.8	0.0
40°	43.4	26.0	19.5	12.9	7.9	4.0	0.0
37.5°	47.9	27.2	20.4	13.6	8.2	4.1	0.0
35°	52.2	29.9	21.3	14.3	8.5	4.3	0.0
32.5°	58.0	33.3	22.2	14.9	8.7	4.4	0.0
30°	67.3	36.4	23.0	15.5	8.9	4.5	0.0
27.5°	75.9	39.4	23.7	16.0	9.1	4.6	0.0
25°	83.8	42.0	24.3	16.5	9.3	4.7	0.0
22.5°	91.0	44.5	25.0	17.0	9.5	4.8	0.0
20°	97.5	46.7	25.5	17.4	9.7	4.9	0.0
17.5°	103.3	48.6	26.0	17.8	9.8	5.0	0.0
15°	108.3	50.3	26.4	18.1	10.0	5.0	0.0
12.5°	112.6	51.8	26.8	18.4	10.1	5.1	0.0
10°	116.1	53.0	27.1	18.6	10.1	5.1	0.0
7.5°	118.9	53.9	27.3	18.8	10.2	5.2	0.0
5°	120.8	54.6	27.5	18.9	10.3	5.2	0.0
2.5°	122.0	55.0	27.6	19.0	10.3	5.2	0.0
0°	122.4	55.1	27.6	19.0	10.3	5.2	0.0
-2.5°	122.0	55.0	27.6	19.0	10.3	5.2	0.0
-5°	120.8	54.6	27.5	18.9	10.3	5.2	0.0
-7.5°	118.9	53.9	27.3	18.8	10.2	5.2	0.0
-10°	116.1	53.0	27.1	18.6	10.1	5.1	0.0
-12.5°	112.6	51.8	26.8	18.4	10.1	5.1	0.0
-15°	108.3	50.3	26.4	18.1	10.0	5.0	0.0
-17.5°	103.3	48.6	26.0	17.8	9.8	5.0	0.0
-20°	97.5	46.7	25.5	17.4	9.7	4.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.0	44.5	25.0	17.0	9.5	4.8	0.0
-25°	83.8	42.0	24.3	16.5	9.3	4.7	0.0
-27.5°	75.9	39.4	23.7	16.0	9.1	4.6	0.0
-30°	67.3	36.4	23.0	15.5	8.9	4.5	0.0
-32.5°	58.0	33.3	22.2	14.9	8.7	4.4	0.0
-35°	52.2	29.9	21.3	14.3	8.5	4.3	0.0
-37.5°	47.9	27.2	20.4	13.6	8.2	4.1	0.0
-40°	43.4	26.0	19.5	12.9	7.9	4.0	0.0
-42.5°	38.6	24.8	18.5	12.1	7.6	3.8	0.0
-45°	33.6	23.5	17.4	11.3	7.3	3.7	0.0
-47.5°	28.4	22.1	16.3	10.5	7.0	3.5	0.0
-50°	26.1	20.7	15.2	9.9	6.7	3.3	0.0
-52.5°	24.4	19.2	14.0	9.4	6.3	3.2	0.0
-55°	22.6	17.7	12.8	8.9	5.9	3.0	0.0
-57.5°	20.7	16.1	11.5	8.3	5.6	2.8	0.0
-60°	18.8	14.5	10.3	7.7	5.2	2.6	0.0
-62.5°	16.8	12.9	9.5	7.1	4.8	2.4	0.0
-65°	14.8	11.2	8.7	6.6	4.4	2.2	0.0
-67.5°	12.7	9.8	7.9	5.9	4.0	2.0	0.0
-70°	10.6	8.8	7.0	5.3	3.6	1.8	0.0
-72.5°	9.2	7.7	6.2	4.7	3.1	1.6	0.0
-75°	7.9	6.7	5.4	4.0	2.7	1.3	0.0
-77.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
-80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)