

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: P1305439 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-3S-HEG-A**

Issue Date: 2/3/2026

Test Information

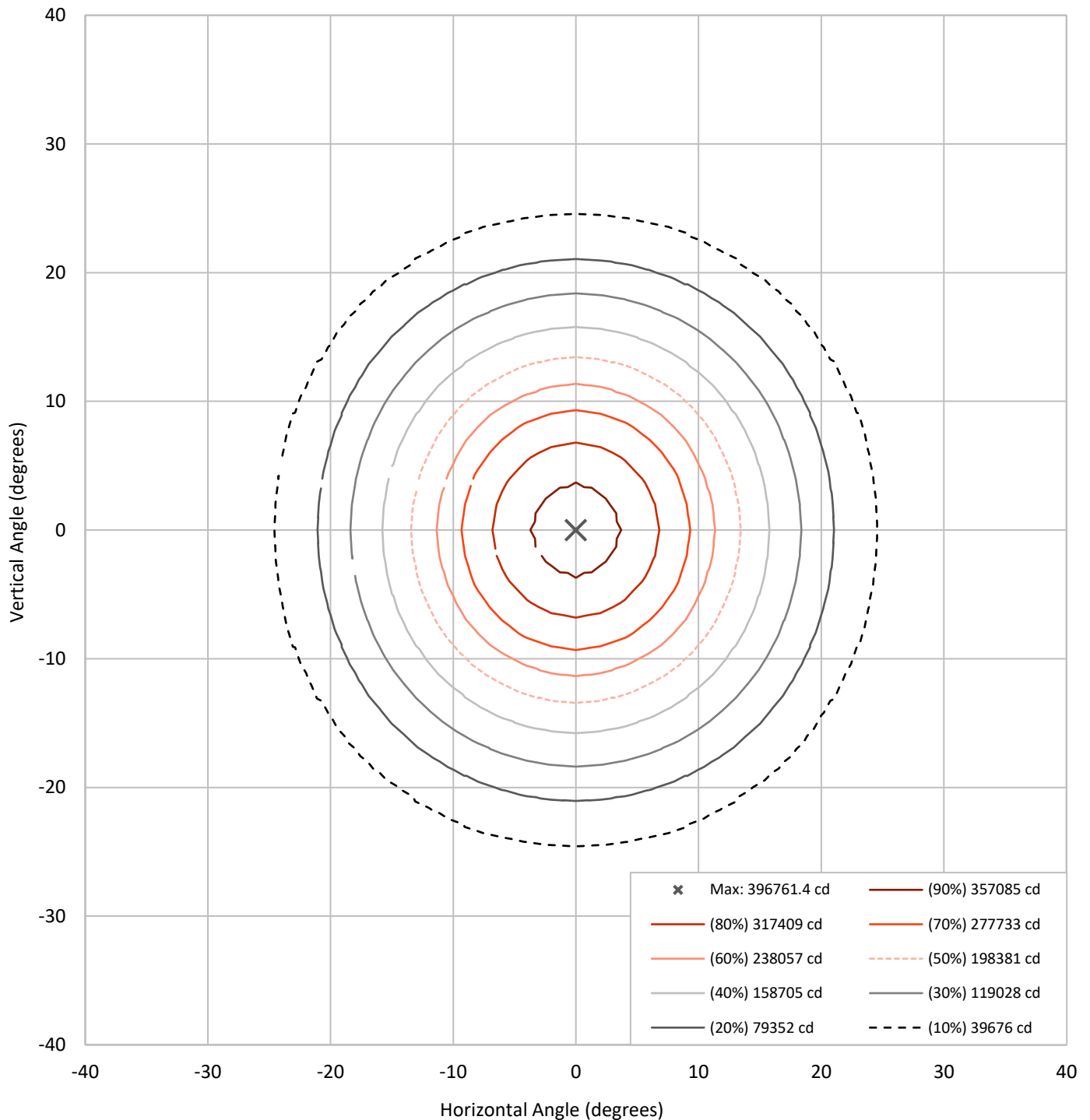
Test Method: LM-79-08
Report Number: P1305439 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-57-70-3S-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	107160 lumens	Max Intensity:	396761.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	46462.9 lumens	Field Lumens:	88953.3 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
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





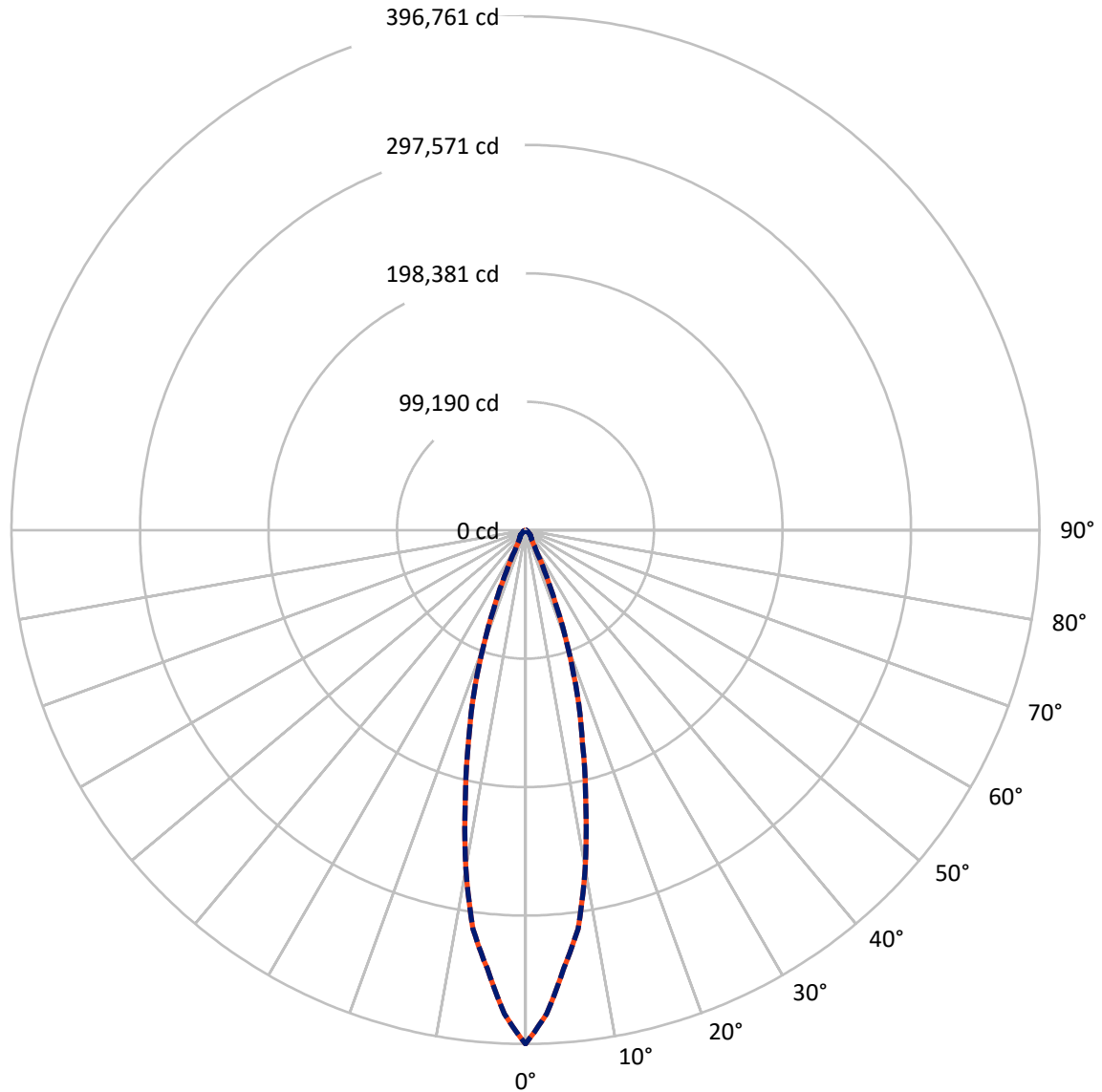
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Lumen Table

90	0.1	0.9	3.7	9.7	12.9	9.7	3.7	0.9	0.1							
80	0.1	0.9	3.7	9.7	12.9	9.7	3.7	0.9	0.1							
70	0.4	0.6	2.4	7.1	14.0	21.2	27.2	30.5	30.5	27.2	21.2	14.0	7.1	2.4	0.6	0.4
60		1.8	8.3	19.5	33.5	47.8	59.3	65.5	65.5	59.3	47.8	33.5	19.5	8.3	1.8	
50	1.2	4.4	16.0	33.9	56.1	88.4	126.5	148.4	148.4	126.5	88.4	56.1	33.9	16.0	4.4	1.2
40		7.4	23.7	48.6	99.0	163.1	209.9	246.5	246.5	209.9	163.1	99.0	48.6	23.7	7.4	
30	2.9	10.2	30.6	69.5	147.7	233.8	540.6	1111.9	1111.9	540.6	233.8	147.7	69.5	30.6	10.2	2.9
20		12.3	35.6	93.6	178.5	510.3	2365.1	4736.1	4736.1	2365.1	510.3	178.5	93.6	35.6	12.3	
10	3.6	13.3	38.1	106.4	203.8	1023.5	4606.5	9084.9	9084.9	4606.5	1023.5	203.8	106.4	38.1	13.3	3.6
0		13.3	38.1	106.4	203.8	1023.5	4606.5	9084.9	9084.9	4606.5	1023.5	203.8	106.4	38.1	13.3	
-10	2.9	12.3	35.6	93.6	178.5	510.3	2365.1	4736.1	4736.1	2365.1	510.3	178.5	93.6	35.6	12.3	2.9
-20		10.2	30.6	69.5	147.7	233.8	540.6	1111.9	1111.9	540.6	233.8	147.7	69.5	30.6	10.2	
-30	1.2	7.4	23.7	48.6	99.0	163.1	209.9	246.5	246.5	209.9	163.1	99.0	48.6	23.7	7.4	1.2
-40		4.4	16.0	33.9	56.1	88.4	126.5	148.4	148.4	126.5	88.4	56.1	33.9	16.0	4.4	
-50	0.4	1.8	8.3	19.5	33.5	47.8	59.3	65.5	65.5	59.3	47.8	33.5	19.5	8.3	1.8	0.4
-60		0.6	2.4	7.1	14.0	21.2	27.2	30.5	30.5	27.2	21.2	14.0	7.1	2.4	0.6	
-70	0.1	0.6	2.4	7.1	14.0	21.2	27.2	30.5	30.5	27.2	21.2	14.0	7.1	2.4	0.6	0.1
-80		0.1	0.9	3.7	9.7	12.9	9.7	3.7	0.9	0.1						
-90	0.1	0.9	3.7	9.7	12.9	9.7	3.7	0.9	0.1							

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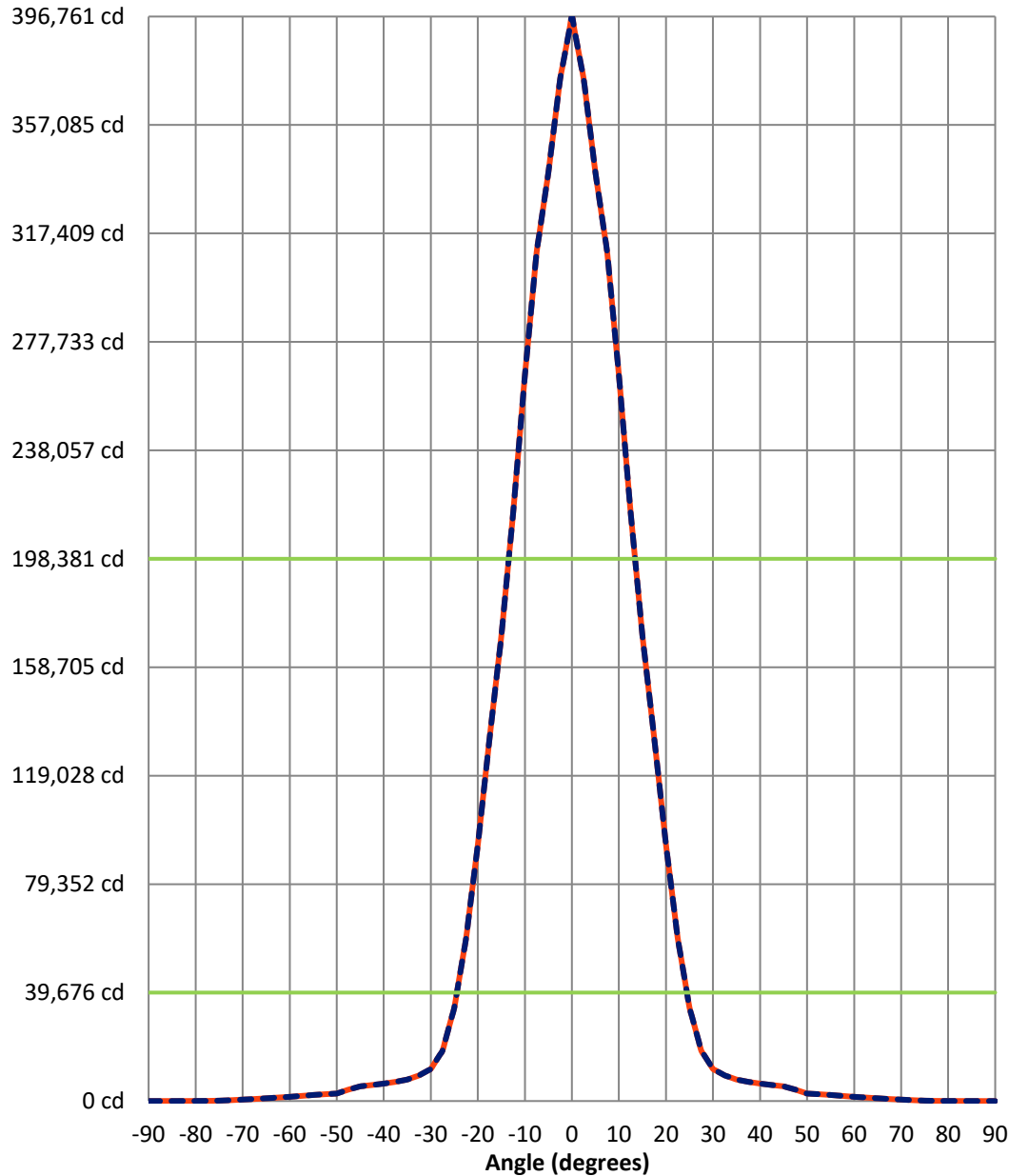
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 26.9°
 V Angle: 26.9°
 Lumens: 46462.9
 Efficiency: 43.4%

Field:
 H Angle: 48.9°
 V Angle: 48.9°
 Lumens: 88953.3
 Efficiency: 83.0%

Spill:
 Lumens: 18206.7
 Efficiency: 17.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
85°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
82.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.3	8.0	8.6
80°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.3	9.2	10.0	10.9
77.5°	0.0	1.6	3.1	4.7	6.2	7.6	8.7	9.9	11.0	12.1	13.5
75°	0.0	1.9	3.7	5.6	7.4	8.7	10.1	11.4	12.9	15.1	17.2
72.5°	0.0	2.2	4.3	6.5	8.3	9.9	11.4	13.3	15.9	18.4	20.9
70°	0.0	2.5	4.9	7.3	9.2	11.0	12.9	15.9	18.8	21.7	25.7
67.5°	0.0	2.8	5.5	8.0	10.0	12.1	15.1	18.4	21.7	26.3	30.8
65°	0.0	3.0	6.1	8.6	10.9	13.5	17.2	20.9	25.7	30.8	37.2
62.5°	0.0	3.3	6.6	9.3	11.7	15.2	19.3	24.0	29.7	36.1	46.9
60°	0.0	3.6	7.2	9.9	12.6	17.0	21.4	27.4	33.5	44.7	56.5
57.5°	0.0	3.9	7.6	10.5	13.9	18.6	24.1	30.7	40.2	53.1	81.1
55°	0.0	4.1	8.0	11.1	15.2	20.3	26.9	34.0	47.5	65.7	112.4
52.5°	0.0	4.4	8.4	11.6	16.4	22.0	29.6	39.8	54.6	93.2	142.9
50°	0.0	4.6	8.7	12.2	17.7	24.1	32.1	45.8	66.4	119.8	198.4
47.5°	0.0	4.9	9.1	12.8	18.9	26.2	35.0	51.7	89.3	145.5	255.0
45°	0.0	5.1	9.4	13.7	20.0	28.2	39.8	57.2	111.3	194.1	309.7
42.5°	0.0	5.3	9.8	14.5	21.1	30.1	44.4	70.2	132.4	241.2	374.1
40°	0.0	5.5	10.1	15.3	22.3	32.0	48.8	87.8	159.0	286.3	437.6
37.5°	0.0	5.7	10.4	16.0	23.7	33.7	52.9	104.6	197.1	332.5	498.2
35°	0.0	5.9	10.6	16.7	25.0	36.4	56.9	120.5	233.1	383.9	555.2
32.5°	0.0	6.1	10.9	17.4	26.3	39.5	63.3	135.4	267.1	432.4	608.1
30°	0.0	6.2	11.2	18.0	27.4	42.4	75.2	152.6	298.9	477.9	657.7
27.5°	0.0	6.4	11.4	18.5	28.5	45.1	86.2	178.3	331.3	520.1	703.9
25°	0.0	6.5	11.6	19.1	29.5	47.5	96.4	201.9	365.7	558.5	746.9
22.5°	0.0	6.7	11.8	19.5	30.4	49.8	105.7	223.5	397.0	593.2	796.2
20°	0.0	6.8	11.9	20.0	31.2	51.8	114.1	243.0	425.3	624.5	840.7
17.5°	0.0	6.9	12.1	20.3	31.9	53.6	121.5	260.2	450.4	652.4	880.2
15°	0.0	7.0	12.2	20.7	32.6	55.1	128.0	275.3	472.4	676.6	914.8
12.5°	0.0	7.0	12.3	21.0	33.1	56.5	133.5	288.1	491.0	697.3	944.2
10°	0.0	7.1	12.4	21.2	33.5	57.6	138.0	298.6	506.3	714.3	968.3
7.5°	0.0	7.1	12.5	21.4	33.9	58.4	141.6	306.8	518.3	727.6	987.2
5°	0.0	7.2	12.6	21.5	34.1	59.0	144.1	312.7	526.8	737.1	1000.8
2.5°	0.0	7.2	12.6	21.6	34.3	59.4	145.6	316.2	532.0	742.8	1008.9
0°	0.0	7.2	12.6	21.6	34.3	59.5	146.1	317.4	533.7	744.7	1011.6
-2.5°	0.0	7.2	12.6	21.6	34.3	59.4	145.6	316.2	532.0	742.8	1008.9
-5°	0.0	7.2	12.6	21.5	34.1	59.0	144.1	312.7	526.8	737.1	1000.8
-7.5°	0.0	7.1	12.5	21.4	33.9	58.4	141.6	306.8	518.3	727.6	987.2
-10°	0.0	7.1	12.4	21.2	33.5	57.6	138.0	298.6	506.3	714.3	968.3
-12.5°	0.0	7.0	12.3	21.0	33.1	56.5	133.5	288.1	491.0	697.3	944.2
-15°	0.0	7.0	12.2	20.7	32.6	55.1	128.0	275.3	472.4	676.6	914.8
-17.5°	0.0	6.9	12.1	20.3	31.9	53.6	121.5	260.2	450.4	652.4	880.2
-20°	0.0	6.8	11.9	20.0	31.2	51.8	114.1	243.0	425.3	624.5	840.7



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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	6.7	11.8	19.5	30.4	49.8	105.7	223.5	397.0	593.2	796.2
-25°	0.0	6.5	11.6	19.1	29.5	47.5	96.4	201.9	365.7	558.5	746.9
-27.5°	0.0	6.4	11.4	18.5	28.5	45.1	86.2	178.3	331.3	520.1	703.9
-30°	0.0	6.2	11.2	18.0	27.4	42.4	75.2	152.6	298.9	477.9	657.7
-32.5°	0.0	6.1	10.9	17.4	26.3	39.5	63.3	135.4	267.1	432.4	608.1
-35°	0.0	5.9	10.6	16.7	25.0	36.4	56.9	120.5	233.1	383.9	555.2
-37.5°	0.0	5.7	10.4	16.0	23.7	33.7	52.9	104.6	197.1	332.5	498.2
-40°	0.0	5.5	10.1	15.3	22.3	32.0	48.8	87.8	159.0	286.3	437.6
-42.5°	0.0	5.3	9.8	14.5	21.1	30.1	44.4	70.2	132.4	241.2	374.1
-45°	0.0	5.1	9.4	13.7	20.0	28.2	39.8	57.2	111.3	194.1	309.7
-47.5°	0.0	4.9	9.1	12.8	18.9	26.2	35.0	51.7	89.3	145.5	255.0
-50°	0.0	4.6	8.7	12.2	17.7	24.1	32.1	45.8	66.4	119.8	198.4
-52.5°	0.0	4.4	8.4	11.6	16.4	22.0	29.6	39.8	54.6	93.2	142.9
-55°	0.0	4.1	8.0	11.1	15.2	20.3	26.9	34.0	47.5	65.7	112.4
-57.5°	0.0	3.9	7.6	10.5	13.9	18.6	24.1	30.7	40.2	53.1	81.1
-60°	0.0	3.6	7.2	9.9	12.6	17.0	21.4	27.4	33.5	44.7	56.5
-62.5°	0.0	3.3	6.6	9.3	11.7	15.2	19.3	24.0	29.7	36.1	46.9
-65°	0.0	3.0	6.1	8.6	10.9	13.5	17.2	20.9	25.7	30.8	37.2
-67.5°	0.0	2.8	5.5	8.0	10.0	12.1	15.1	18.4	21.7	26.3	30.8
-70°	0.0	2.5	4.9	7.3	9.2	11.0	12.9	15.9	18.8	21.7	25.7
-72.5°	0.0	2.2	4.3	6.5	8.3	9.9	11.4	13.3	15.9	18.4	20.9
-75°	0.0	1.9	3.7	5.6	7.4	8.7	10.1	11.4	12.9	15.1	17.2
-77.5°	0.0	1.6	3.1	4.7	6.2	7.6	8.7	9.9	11.0	12.1	13.5
-80°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.3	9.2	10.0	10.9
-82.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.3	8.0	8.6
-85°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
-87.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.7
85°	6.6	7.2	7.6	8.0	8.4	8.7	9.1	9.4	9.8	10.1	10.4
82.5°	9.3	9.9	10.5	11.1	11.6	12.2	12.8	13.7	14.5	15.3	16.0
80°	11.7	12.6	13.9	15.2	16.4	17.7	18.9	20.0	21.1	22.3	23.7
77.5°	15.2	17.0	18.6	20.3	22.0	24.1	26.2	28.2	30.1	32.0	33.7
75°	19.3	21.4	24.1	26.9	29.6	32.1	35.0	39.8	44.4	48.8	52.9
72.5°	24.0	27.4	30.7	34.0	39.8	45.8	51.7	57.2	70.2	87.8	104.6
70°	29.7	33.5	40.2	47.5	54.6	66.4	89.3	111.3	132.4	159.0	197.1
67.5°	36.1	44.7	53.1	65.7	93.2	119.8	145.5	194.1	241.2	286.3	332.5
65°	46.9	56.5	81.1	112.4	142.9	198.4	255.0	309.7	374.1	437.6	498.2
62.5°	57.6	88.9	124.1	170.6	236.9	301.4	376.0	452.1	525.3	594.0	659.4
60°	88.9	128.0	186.1	260.2	336.5	425.3	511.4	593.2	671.4	746.9	837.6
57.5°	124.1	186.1	268.0	356.3	455.1	550.9	642.1	730.3	834.1	937.4	1036.8
55°	170.6	260.2	356.3	465.1	570.6	671.7	776.6	897.1	1013.4	1127.6	1236.9
52.5°	236.9	336.5	455.1	570.6	681.6	801.9	935.2	1065.7	1193.3	1315.4	1430.1
50°	301.4	425.3	550.9	671.7	801.9	948.0	1092.0	1233.1	1367.5	1495.8	1635.7
47.5°	376.0	511.4	642.1	776.6	935.2	1092.0	1246.5	1393.7	1535.6	1702.1	1865.4
45°	452.1	593.2	730.3	897.1	1065.7	1233.1	1393.7	1548.9	1735.5	1917.9	2099.7
42.5°	525.3	671.4	834.1	1013.4	1193.3	1367.5	1535.6	1735.5	1935.7	2135.8	2310.6
40°	594.0	746.9	937.4	1127.6	1315.4	1495.8	1702.1	1917.9	2135.8	2325.9	2496.2
37.5°	659.4	837.6	1036.8	1236.9	1430.1	1635.7	1865.4	2099.7	2310.6	2496.2	2646.9
35°	721.5	923.9	1132.7	1339.5	1539.6	1781.5	2028.0	2264.9	2465.0	2633.7	3048.7
32.5°	789.5	1005.4	1223.6	1435.5	1666.0	1922.1	2183.4	2403.2	2594.2	2883.3	3896.7
30°	859.0	1083.4	1308.3	1526.0	1787.4	2058.8	2311.8	2529.3	2710.6	3643.7	4615.2
27.5°	923.9	1156.2	1386.0	1625.3	1902.1	2187.0	2426.7	2631.6	3227.8	4331.8	5248.0
25°	983.7	1223.6	1457.8	1722.4	2012.1	2291.6	2528.7	2727.2	3856.3	4887.4	5569.2
22.5°	1039.0	1285.2	1523.7	1811.4	2113.3	2382.8	2610.5	3197.5	4393.9	5388.7	5796.2
20°	1089.5	1339.5	1591.5	1892.8	2205.1	2465.7	2684.9	3690.2	4832.1	5582.4	6013.5
17.5°	1134.5	1387.8	1657.3	1968.0	2275.7	2533.8	2807.2	4132.6	5226.5	5757.2	6214.1
15°	1173.7	1430.1	1714.9	2033.9	2335.5	2587.8	3166.4	4463.3	5459.1	5914.5	6393.1
12.5°	1207.1	1466.1	1764.0	2090.1	2386.6	2634.0	3474.0	4738.8	5581.7	6056.0	6581.3
10°	1234.6	1495.8	1804.5	2136.5	2428.8	2672.2	3728.5	4966.9	5683.4	6173.6	6738.1
7.5°	1256.1	1518.9	1836.2	2172.8	2461.8	2702.1	3928.1	5146.1	5763.5	6266.2	6861.8
5°	1271.5	1535.6	1858.9	2198.8	2485.6	2723.5	4071.6	5275.1	5821.1	6333.0	6951.2
2.5°	1280.8	1545.6	1872.5	2214.5	2499.8	2736.5	4158.1	5352.8	5855.9	6373.3	7005.2
0°	1283.9	1548.9	1877.1	2219.7	2504.6	2740.8	4187.0	5378.8	5867.5	6386.8	7023.3
-2.5°	1280.8	1545.6	1872.5	2214.5	2499.8	2736.5	4158.1	5352.8	5855.9	6373.3	7005.2
-5°	1271.5	1535.6	1858.9	2198.8	2485.6	2723.5	4071.6	5275.1	5821.1	6333.0	6951.2
-7.5°	1256.1	1518.9	1836.2	2172.8	2461.8	2702.1	3928.1	5146.1	5763.5	6266.2	6861.8
-10°	1234.6	1495.8	1804.5	2136.5	2428.8	2672.2	3728.5	4966.9	5683.4	6173.6	6738.1
-12.5°	1207.1	1466.1	1764.0	2090.1	2386.6	2634.0	3474.0	4738.8	5581.7	6056.0	6581.3
-15°	1173.7	1430.1	1714.9	2033.9	2335.5	2587.8	3166.4	4463.3	5459.1	5914.5	6393.1
-17.5°	1134.5	1387.8	1657.3	1968.0	2275.7	2533.8	2807.2	4132.6	5226.5	5757.2	6214.1
-20°	1089.5	1339.5	1591.5	1892.8	2205.1	2465.7	2684.9	3690.2	4832.1	5582.4	6013.5



REPORT NUMBER: P1305439 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1039.0	1285.2	1523.7	1811.4	2113.3	2382.8	2610.5	3197.5	4393.9	5388.7	5796.2
-25°	983.7	1223.6	1457.8	1722.4	2012.1	2291.6	2528.7	2727.2	3856.3	4887.4	5569.2
-27.5°	923.9	1156.2	1386.0	1625.3	1902.1	2187.0	2426.7	2631.6	3227.8	4331.8	5248.0
-30°	859.0	1083.4	1308.3	1526.0	1787.4	2058.8	2311.8	2529.3	2710.6	3643.7	4615.2
-32.5°	789.5	1005.4	1223.6	1435.5	1666.0	1922.1	2183.4	2403.2	2594.2	2883.3	3896.7
-35°	721.5	923.9	1132.7	1339.5	1539.6	1781.5	2028.0	2264.9	2465.0	2633.7	3048.7
-37.5°	659.4	837.6	1036.8	1236.9	1430.1	1635.7	1865.4	2099.7	2310.6	2496.2	2646.9
-40°	594.0	746.9	937.4	1127.6	1315.4	1495.8	1702.1	1917.9	2135.8	2325.9	2496.2
-42.5°	525.3	671.4	834.1	1013.4	1193.3	1367.5	1535.6	1735.5	1935.7	2135.8	2310.6
-45°	452.1	593.2	730.3	897.1	1065.7	1233.1	1393.7	1548.9	1735.5	1917.9	2099.7
-47.5°	376.0	511.4	642.1	776.6	935.2	1092.0	1246.5	1393.7	1535.6	1702.1	1865.4
-50°	301.4	425.3	550.9	671.7	801.9	948.0	1092.0	1233.1	1367.5	1495.8	1635.7
-52.5°	236.9	336.5	455.1	570.6	681.6	801.9	935.2	1065.7	1193.3	1315.4	1430.1
-55°	170.6	260.2	356.3	465.1	570.6	671.7	776.6	897.1	1013.4	1127.6	1236.9
-57.5°	124.1	186.1	268.0	356.3	455.1	550.9	642.1	730.3	834.1	937.4	1036.8
-60°	88.9	128.0	186.1	260.2	336.5	425.3	511.4	593.2	671.4	746.9	837.6
-62.5°	57.6	88.9	124.1	170.6	236.9	301.4	376.0	452.1	525.3	594.0	659.4
-65°	46.9	56.5	81.1	112.4	142.9	198.4	255.0	309.7	374.1	437.6	498.2
-67.5°	36.1	44.7	53.1	65.7	93.2	119.8	145.5	194.1	241.2	286.3	332.5
-70°	29.7	33.5	40.2	47.5	54.6	66.4	89.3	111.3	132.4	159.0	197.1
-72.5°	24.0	27.4	30.7	34.0	39.8	45.8	51.7	57.2	70.2	87.8	104.6
-75°	19.3	21.4	24.1	26.9	29.6	32.1	35.0	39.8	44.4	48.8	52.9
-77.5°	15.2	17.0	18.6	20.3	22.0	24.1	26.2	28.2	30.1	32.0	33.7
-80°	11.7	12.6	13.9	15.2	16.4	17.7	18.9	20.0	21.1	22.3	23.7
-82.5°	9.3	9.9	10.5	11.1	11.6	12.2	12.8	13.7	14.5	15.3	16.0
-85°	6.6	7.2	7.6	8.0	8.4	8.7	9.1	9.4	9.8	10.1	10.4
-87.5°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	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



REPORT NUMBER: P1305439 (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°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0	7.1
85°	10.6	10.9	11.2	11.4	11.6	11.8	11.9	12.1	12.2	12.3	12.4
82.5°	16.7	17.4	18.0	18.5	19.1	19.5	20.0	20.3	20.7	21.0	21.2
80°	25.0	26.3	27.4	28.5	29.5	30.4	31.2	31.9	32.6	33.1	33.5
77.5°	36.4	39.5	42.4	45.1	47.5	49.8	51.8	53.6	55.1	56.5	57.6
75°	56.9	63.3	75.2	86.2	96.4	105.7	114.1	121.5	128.0	133.5	138.0
72.5°	120.5	135.4	152.6	178.3	201.9	223.5	243.0	260.2	275.3	288.1	298.6
70°	233.1	267.1	298.9	331.3	365.7	397.0	425.3	450.4	472.4	491.0	506.3
67.5°	383.9	432.4	477.9	520.1	558.5	593.2	624.5	652.4	676.6	697.3	714.3
65°	555.2	608.1	657.7	703.9	746.9	796.2	840.7	880.2	914.8	944.2	968.3
62.5°	721.5	789.5	859.0	923.9	983.7	1039.0	1089.5	1134.5	1173.7	1207.1	1234.6
60°	923.9	1005.4	1083.4	1156.2	1223.6	1285.2	1339.5	1387.8	1430.1	1466.1	1495.8
57.5°	1132.7	1223.6	1308.3	1386.0	1457.8	1523.7	1591.5	1657.3	1714.9	1764.0	1804.5
55°	1339.5	1435.5	1526.0	1625.3	1722.4	1811.4	1892.8	1968.0	2033.9	2090.1	2136.5
52.5°	1539.6	1666.0	1787.4	1902.1	2012.1	2113.3	2205.1	2275.7	2335.5	2386.6	2428.8
50°	1781.5	1922.1	2058.8	2187.0	2291.6	2382.8	2465.7	2533.8	2587.8	2634.0	2672.2
47.5°	2028.0	2183.4	2311.8	2426.7	2528.7	2610.5	2684.9	2807.2	3166.4	3474.0	3728.5
45°	2264.9	2403.2	2529.3	2631.6	2727.2	3197.5	3690.2	4132.6	4463.3	4738.8	4966.9
42.5°	2465.0	2594.2	2710.6	3227.8	3856.3	4393.9	4832.1	5226.5	5459.1	5581.7	5683.4
40°	2633.7	2883.3	3643.7	4331.8	4887.4	5388.7	5582.4	5757.2	5914.5	6056.0	6173.6
37.5°	3048.7	3896.7	4615.2	5248.0	5569.2	5796.2	6013.5	6214.1	6393.1	6581.3	6738.1
35°	3981.7	4758.4	5415.3	5691.9	5958.2	6217.0	6471.2	6736.7	6972.8	7227.9	7454.8
32.5°	4758.4	5445.6	5754.1	6059.8	6355.9	6688.9	7003.6	7377.9	7717.8	8126.2	8567.4
30°	5415.3	5754.1	6094.0	6435.2	6822.2	7239.8	7689.3	8281.6	8938.8	9588.7	10342.1
27.5°	5691.9	6059.8	6435.2	6867.1	7363.1	7889.4	8750.5	9635.2	10749.6	11727.1	14077.6
25°	5958.2	6355.9	6822.2	7363.1	8004.4	8989.4	10216.4	11552.3	14678.5	17730.7	22829.4
22.5°	6217.0	6688.9	7239.8	7889.4	8989.4	10412.9	12392.8	16514.0	22717.5	30549.5	39112.0
20°	6471.2	7003.6	7689.3	8750.5	10216.4	12392.8	17136.5	25784.1	36090.1	49939.9	62724.9
17.5°	6736.7	7377.9	8281.6	9635.2	11552.3	16514.0	25784.1	38737.4	55553.6	74736.2	92724.0
15°	6972.8	7717.8	8938.8	10749.6	14678.5	22717.5	36090.1	55553.6	78856.1	102636.7	125580.3
12.5°	7227.9	8126.2	9588.7	11727.1	17730.7	30549.5	49939.9	74736.2	102636.7	131152.8	155842.1
10°	7454.8	8567.4	10342.1	14077.6	22829.4	39112.0	62724.9	92724.0	125580.3	155842.1	185295.3
7.5°	7634.2	8917.3	10941.7	15962.6	27709.2	47842.3	75907.1	109509.8	144288.2	177827.1	215486.5
5°	7764.1	9171.1	11377.7	17338.2	31286.0	54278.6	85700.7	122224.9	158300.6	197397.5	240473.3
2.5°	7842.7	9324.9	11642.6	18175.9	33471.0	58227.2	91744.0	130135.3	167123.2	210530.5	258813.1
0°	7869.0	9376.5	11731.4	18457.2	34206.1	59558.6	93788.1	132823.0	170141.3	215060.0	265413.4
-2.5°	7842.7	9324.9	11642.6	18175.9	33471.0	58227.2	91744.0	130135.3	167123.2	210530.5	258813.1
-5°	7764.1	9171.1	11377.7	17338.2	31286.0	54278.6	85700.7	122224.9	158300.6	197397.5	240473.3
-7.5°	7634.2	8917.3	10941.7	15962.6	27709.2	47842.3	75907.1	109509.8	144288.2	177827.1	215486.5
-10°	7454.8	8567.4	10342.1	14077.6	22829.4	39112.0	62724.9	92724.0	125580.3	155842.1	185295.3
-12.5°	7227.9	8126.2	9588.7	11727.1	17730.7	30549.5	49939.9	74736.2	102636.7	131152.8	155842.1
-15°	6972.8	7717.8	8938.8	10749.6	14678.5	22717.5	36090.1	55553.6	78856.1	102636.7	125580.3
-17.5°	6736.7	7377.9	8281.6	9635.2	11552.3	16514.0	25784.1	38737.4	55553.6	74736.2	92724.0
-20°	6471.2	7003.6	7689.3	8750.5	10216.4	12392.8	17136.5	25784.1	36090.1	49939.9	62724.9



REPORT NUMBER: P1305439 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6217.0	6688.9	7239.8	7889.4	8989.4	10412.9	12392.8	16514.0	22717.5	30549.5	39112.0
-25°	5958.2	6355.9	6822.2	7363.1	8004.4	8989.4	10216.4	11552.3	14678.5	17730.7	22829.4
-27.5°	5691.9	6059.8	6435.2	6867.1	7363.1	7889.4	8750.5	9635.2	10749.6	11727.1	14077.6
-30°	5415.3	5754.1	6094.0	6435.2	6822.2	7239.8	7689.3	8281.6	8938.8	9588.7	10342.1
-32.5°	4758.4	5445.6	5754.1	6059.8	6355.9	6688.9	7003.6	7377.9	7717.8	8126.2	8567.4
-35°	3981.7	4758.4	5415.3	5691.9	5958.2	6217.0	6471.2	6736.7	6972.8	7227.9	7454.8
-37.5°	3048.7	3896.7	4615.2	5248.0	5569.2	5796.2	6013.5	6214.1	6393.1	6581.3	6738.1
-40°	2633.7	2883.3	3643.7	4331.8	4887.4	5388.7	5582.4	5757.2	5914.5	6056.0	6173.6
-42.5°	2465.0	2594.2	2710.6	3227.8	3856.3	4393.9	4832.1	5226.5	5459.1	5581.7	5683.4
-45°	2264.9	2403.2	2529.3	2631.6	2727.2	3197.5	3690.2	4132.6	4463.3	4738.8	4966.9
-47.5°	2028.0	2183.4	2311.8	2426.7	2528.7	2610.5	2684.9	2807.2	3166.4	3474.0	3728.5
-50°	1781.5	1922.1	2058.8	2187.0	2291.6	2382.8	2465.7	2533.8	2587.8	2634.0	2672.2
-52.5°	1539.6	1666.0	1787.4	1902.1	2012.1	2113.3	2205.1	2275.7	2335.5	2386.6	2428.8
-55°	1339.5	1435.5	1526.0	1625.3	1722.4	1811.4	1892.8	1968.0	2033.9	2090.1	2136.5
-57.5°	1132.7	1223.6	1308.3	1386.0	1457.8	1523.7	1591.5	1657.3	1714.9	1764.0	1804.5
-60°	923.9	1005.4	1083.4	1156.2	1223.6	1285.2	1339.5	1387.8	1430.1	1466.1	1495.8
-62.5°	721.5	789.5	859.0	923.9	983.7	1039.0	1089.5	1134.5	1173.7	1207.1	1234.6
-65°	555.2	608.1	657.7	703.9	746.9	796.2	840.7	880.2	914.8	944.2	968.3
-67.5°	383.9	432.4	477.9	520.1	558.5	593.2	624.5	652.4	676.6	697.3	714.3
-70°	233.1	267.1	298.9	331.3	365.7	397.0	425.3	450.4	472.4	491.0	506.3
-72.5°	120.5	135.4	152.6	178.3	201.9	223.5	243.0	260.2	275.3	288.1	298.6
-75°	56.9	63.3	75.2	86.2	96.4	105.7	114.1	121.5	128.0	133.5	138.0
-77.5°	36.4	39.5	42.4	45.1	47.5	49.8	51.8	53.6	55.1	56.5	57.6
-80°	25.0	26.3	27.4	28.5	29.5	30.4	31.2	31.9	32.6	33.1	33.5
-82.5°	16.7	17.4	18.0	18.5	19.1	19.5	20.0	20.3	20.7	21.0	21.2
-85°	10.6	10.9	11.2	11.4	11.6	11.8	11.9	12.1	12.2	12.3	12.4
-87.5°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0	7.1
-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: P1305439 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-70-3S-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°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9
85°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	12.1
82.5°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.2	21.0	20.7	20.3
80°	33.9	34.1	34.3	34.3	34.3	34.1	33.9	33.5	33.1	32.6	31.9
77.5°	58.4	59.0	59.4	59.5	59.4	59.0	58.4	57.6	56.5	55.1	53.6
75°	141.6	144.1	145.6	146.1	145.6	144.1	141.6	138.0	133.5	128.0	121.5
72.5°	306.8	312.7	316.2	317.4	316.2	312.7	306.8	298.6	288.1	275.3	260.2
70°	518.3	526.8	532.0	533.7	532.0	526.8	518.3	506.3	491.0	472.4	450.4
67.5°	727.6	737.1	742.8	744.7	742.8	737.1	727.6	714.3	697.3	676.6	652.4
65°	987.2	1000.8	1008.9	1011.6	1008.9	1000.8	987.2	968.3	944.2	914.8	880.2
62.5°	1256.1	1271.5	1280.8	1283.9	1280.8	1271.5	1256.1	1234.6	1207.1	1173.7	1134.5
60°	1518.9	1535.6	1545.6	1548.9	1545.6	1535.6	1518.9	1495.8	1466.1	1430.1	1387.8
57.5°	1836.2	1858.9	1872.5	1877.1	1872.5	1858.9	1836.2	1804.5	1764.0	1714.9	1657.3
55°	2172.8	2198.8	2214.5	2219.7	2214.5	2198.8	2172.8	2136.5	2090.1	2033.9	1968.0
52.5°	2461.8	2485.6	2499.8	2504.6	2499.8	2485.6	2461.8	2428.8	2386.6	2335.5	2275.7
50°	2702.1	2723.5	2736.5	2740.8	2736.5	2723.5	2702.1	2672.2	2634.0	2587.8	2533.8
47.5°	3928.1	4071.6	4158.1	4187.0	4158.1	4071.6	3928.1	3728.5	3474.0	3166.4	2807.2
45°	5146.1	5275.1	5352.8	5378.8	5352.8	5275.1	5146.1	4966.9	4738.8	4463.3	4132.6
42.5°	5763.5	5821.1	5855.9	5867.5	5855.9	5821.1	5763.5	5683.4	5581.7	5459.1	5226.5
40°	6266.2	6333.0	6373.3	6386.8	6373.3	6333.0	6266.2	6173.6	6056.0	5914.5	5757.2
37.5°	6861.8	6951.2	7005.2	7023.3	7005.2	6951.2	6861.8	6738.1	6581.3	6393.1	6214.1
35°	7634.2	7764.1	7842.7	7869.0	7842.7	7764.1	7634.2	7454.8	7227.9	6972.8	6736.7
32.5°	8917.3	9171.1	9324.9	9376.5	9324.9	9171.1	8917.3	8567.4	8126.2	7717.8	7377.9
30°	10941.7	11377.7	11642.6	11731.4	11642.6	11377.7	10941.7	10342.1	9588.7	8938.8	8281.6
27.5°	15962.6	17338.2	18175.9	18457.2	18175.9	17338.2	15962.6	14077.6	11727.1	10749.6	9635.2
25°	27709.2	31286.0	33471.0	34206.1	33471.0	31286.0	27709.2	22829.4	17730.7	14678.5	11552.3
22.5°	47842.3	54278.6	58227.2	59558.6	58227.2	54278.6	47842.3	39112.0	30549.5	22717.5	16514.0
20°	75907.1	85700.7	91744.0	93788.1	91744.0	85700.7	75907.1	62724.9	49939.9	36090.1	25784.1
17.5°	109509.8	122224.9	130135.3	132823.0	130135.3	122224.9	109509.8	92724.0	74736.2	55553.6	38737.4
15°	144288.2	158300.6	167123.2	170141.3	167123.2	158300.6	144288.2	125580.3	102636.7	78856.1	55553.6
12.5°	177827.1	197397.5	210530.5	215060.0	210530.5	197397.5	177827.1	155842.1	131152.8	102636.7	74736.2
10°	215486.5	240473.3	258813.1	265413.4	258813.1	240473.3	215486.5	185295.3	155842.1	125580.3	92724.0
7.5°	252601.5	286333.1	304991.7	310531.3	304991.7	286333.1	252601.5	215486.5	177827.1	144288.2	109509.8
5°	286333.1	316482.7	333740.5	339711.0	333740.5	316482.7	286333.1	240473.3	197397.5	158300.6	122224.9
2.5°	304991.7	333740.5	357695.9	373951.4	357695.9	333740.5	304991.7	258813.1	210530.5	167123.2	130135.3
0°	310531.3	339711.0	373951.4	396761.4	373951.4	339711.0	310531.3	265413.4	215060.0	170141.3	132823.0
-2.5°	304991.7	333740.5	357695.9	373951.4	357695.9	333740.5	304991.7	258813.1	210530.5	167123.2	130135.3
-5°	286333.1	316482.7	333740.5	339711.0	333740.5	316482.7	286333.1	240473.3	197397.5	158300.6	122224.9
-7.5°	252601.5	286333.1	304991.7	310531.3	304991.7	286333.1	252601.5	215486.5	177827.1	144288.2	109509.8
-10°	215486.5	240473.3	258813.1	265413.4	258813.1	240473.3	215486.5	185295.3	155842.1	125580.3	92724.0
-12.5°	177827.1	197397.5	210530.5	215060.0	210530.5	197397.5	177827.1	155842.1	131152.8	102636.7	74736.2
-15°	144288.2	158300.6	167123.2	170141.3	167123.2	158300.6	144288.2	125580.3	102636.7	78856.1	55553.6
-17.5°	109509.8	122224.9	130135.3	132823.0	130135.3	122224.9	109509.8	92724.0	74736.2	55553.6	38737.4
-20°	75907.1	85700.7	91744.0	93788.1	91744.0	85700.7	75907.1	62724.9	49939.9	36090.1	25784.1



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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°	47842.3	54278.6	58227.2	59558.6	58227.2	54278.6	47842.3	39112.0	30549.5	22717.5	16514.0
-25°	27709.2	31286.0	33471.0	34206.1	33471.0	31286.0	27709.2	22829.4	17730.7	14678.5	11552.3
-27.5°	15962.6	17338.2	18175.9	18457.2	18175.9	17338.2	15962.6	14077.6	11727.1	10749.6	9635.2
-30°	10941.7	11377.7	11642.6	11731.4	11642.6	11377.7	10941.7	10342.1	9588.7	8938.8	8281.6
-32.5°	8917.3	9171.1	9324.9	9376.5	9324.9	9171.1	8917.3	8567.4	8126.2	7717.8	7377.9
-35°	7634.2	7764.1	7842.7	7869.0	7842.7	7764.1	7634.2	7454.8	7227.9	6972.8	6736.7
-37.5°	6861.8	6951.2	7005.2	7023.3	7005.2	6951.2	6861.8	6738.1	6581.3	6393.1	6214.1
-40°	6266.2	6333.0	6373.3	6386.8	6373.3	6333.0	6266.2	6173.6	6056.0	5914.5	5757.2
-42.5°	5763.5	5821.1	5855.9	5867.5	5855.9	5821.1	5763.5	5683.4	5581.7	5459.1	5226.5
-45°	5146.1	5275.1	5352.8	5378.8	5352.8	5275.1	5146.1	4966.9	4738.8	4463.3	4132.6
-47.5°	3928.1	4071.6	4158.1	4187.0	4158.1	4071.6	3928.1	3728.5	3474.0	3166.4	2807.2
-50°	2702.1	2723.5	2736.5	2740.8	2736.5	2723.5	2702.1	2672.2	2634.0	2587.8	2533.8
-52.5°	2461.8	2485.6	2499.8	2504.6	2499.8	2485.6	2461.8	2428.8	2386.6	2335.5	2275.7
-55°	2172.8	2198.8	2214.5	2219.7	2214.5	2198.8	2172.8	2136.5	2090.1	2033.9	1968.0
-57.5°	1836.2	1858.9	1872.5	1877.1	1872.5	1858.9	1836.2	1804.5	1764.0	1714.9	1657.3
-60°	1518.9	1535.6	1545.6	1548.9	1545.6	1535.6	1518.9	1495.8	1466.1	1430.1	1387.8
-62.5°	1256.1	1271.5	1280.8	1283.9	1280.8	1271.5	1256.1	1234.6	1207.1	1173.7	1134.5
-65°	987.2	1000.8	1008.9	1011.6	1008.9	1000.8	987.2	968.3	944.2	914.8	880.2
-67.5°	727.6	737.1	742.8	744.7	742.8	737.1	727.6	714.3	697.3	676.6	652.4
-70°	518.3	526.8	532.0	533.7	532.0	526.8	518.3	506.3	491.0	472.4	450.4
-72.5°	306.8	312.7	316.2	317.4	316.2	312.7	306.8	298.6	288.1	275.3	260.2
-75°	141.6	144.1	145.6	146.1	145.6	144.1	141.6	138.0	133.5	128.0	121.5
-77.5°	58.4	59.0	59.4	59.5	59.4	59.0	58.4	57.6	56.5	55.1	53.6
-80°	33.9	34.1	34.3	34.3	34.3	34.1	33.9	33.5	33.1	32.6	31.9
-82.5°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.2	21.0	20.7	20.3
-85°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	12.1
-87.5°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9
-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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1
85°	11.9	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.1	9.8	9.4
82.5°	20.0	19.5	19.1	18.5	18.0	17.4	16.7	16.0	15.3	14.5	13.7
80°	31.2	30.4	29.5	28.5	27.4	26.3	25.0	23.7	22.3	21.1	20.0
77.5°	51.8	49.8	47.5	45.1	42.4	39.5	36.4	33.7	32.0	30.1	28.2
75°	114.1	105.7	96.4	86.2	75.2	63.3	56.9	52.9	48.8	44.4	39.8
72.5°	243.0	223.5	201.9	178.3	152.6	135.4	120.5	104.6	87.8	70.2	57.2
70°	425.3	397.0	365.7	331.3	298.9	267.1	233.1	197.1	159.0	132.4	111.3
67.5°	624.5	593.2	558.5	520.1	477.9	432.4	383.9	332.5	286.3	241.2	194.1
65°	840.7	796.2	746.9	703.9	657.7	608.1	555.2	498.2	437.6	374.1	309.7
62.5°	1089.5	1039.0	983.7	923.9	859.0	789.5	721.5	659.4	594.0	525.3	452.1
60°	1339.5	1285.2	1223.6	1156.2	1083.4	1005.4	923.9	837.6	746.9	671.4	593.2
57.5°	1591.5	1523.7	1457.8	1386.0	1308.3	1223.6	1132.7	1036.8	937.4	834.1	730.3
55°	1892.8	1811.4	1722.4	1625.3	1526.0	1435.5	1339.5	1236.9	1127.6	1013.4	897.1
52.5°	2205.1	2113.3	2012.1	1902.1	1787.4	1666.0	1539.6	1430.1	1315.4	1193.3	1065.7
50°	2465.7	2382.8	2291.6	2187.0	2058.8	1922.1	1781.5	1635.7	1495.8	1367.5	1233.1
47.5°	2684.9	2610.5	2528.7	2426.7	2311.8	2183.4	2028.0	1865.4	1702.1	1535.6	1393.7
45°	3690.2	3197.5	2727.2	2631.6	2529.3	2403.2	2264.9	2099.7	1917.9	1735.5	1548.9
42.5°	4832.1	4393.9	3856.3	3227.8	2710.6	2594.2	2465.0	2310.6	2135.8	1935.7	1735.5
40°	5582.4	5388.7	4887.4	4331.8	3643.7	2883.3	2633.7	2496.2	2325.9	2135.8	1917.9
37.5°	6013.5	5796.2	5569.2	5248.0	4615.2	3896.7	3048.7	2646.9	2496.2	2310.6	2099.7
35°	6471.2	6217.0	5958.2	5691.9	5415.3	4758.4	3981.7	3048.7	2633.7	2465.0	2264.9
32.5°	7003.6	6688.9	6355.9	6059.8	5754.1	5445.6	4758.4	3896.7	2883.3	2594.2	2403.2
30°	7689.3	7239.8	6822.2	6435.2	6094.0	5754.1	5415.3	4615.2	3643.7	2710.6	2529.3
27.5°	8750.5	7889.4	7363.1	6867.1	6435.2	6059.8	5691.9	5248.0	4331.8	3227.8	2631.6
25°	10216.4	8989.4	8004.4	7363.1	6822.2	6355.9	5958.2	5569.2	4887.4	3856.3	2727.2
22.5°	12392.8	10412.9	8989.4	7889.4	7239.8	6688.9	6217.0	5796.2	5388.7	4393.9	3197.5
20°	17136.5	12392.8	10216.4	8750.5	7689.3	7003.6	6471.2	6013.5	5582.4	4832.1	3690.2
17.5°	25784.1	16514.0	11552.3	9635.2	8281.6	7377.9	6736.7	6214.1	5757.2	5226.5	4132.6
15°	36090.1	22717.5	14678.5	10749.6	8938.8	7717.8	6972.8	6393.1	5914.5	5459.1	4463.3
12.5°	49939.9	30549.5	17730.7	11727.1	9588.7	8126.2	7227.9	6581.3	6056.0	5581.7	4738.8
10°	62724.9	39112.0	22829.4	14077.6	10342.1	8567.4	7454.8	6738.1	6173.6	5683.4	4966.9
7.5°	75907.1	47842.3	27709.2	15962.6	10941.7	8917.3	7634.2	6861.8	6266.2	5763.5	5146.1
5°	85700.7	54278.6	31286.0	17338.2	11377.7	9171.1	7764.1	6951.2	6333.0	5821.1	5275.1
2.5°	91744.0	58227.2	33471.0	18175.9	11642.6	9324.9	7842.7	7005.2	6373.3	5855.9	5352.8
0°	93788.1	59558.6	34206.1	18457.2	11731.4	9376.5	7869.0	7023.3	6386.8	5867.5	5378.8
-2.5°	91744.0	58227.2	33471.0	18175.9	11642.6	9324.9	7842.7	7005.2	6373.3	5855.9	5352.8
-5°	85700.7	54278.6	31286.0	17338.2	11377.7	9171.1	7764.1	6951.2	6333.0	5821.1	5275.1
-7.5°	75907.1	47842.3	27709.2	15962.6	10941.7	8917.3	7634.2	6861.8	6266.2	5763.5	5146.1
-10°	62724.9	39112.0	22829.4	14077.6	10342.1	8567.4	7454.8	6738.1	6173.6	5683.4	4966.9
-12.5°	49939.9	30549.5	17730.7	11727.1	9588.7	8126.2	7227.9	6581.3	6056.0	5581.7	4738.8
-15°	36090.1	22717.5	14678.5	10749.6	8938.8	7717.8	6972.8	6393.1	5914.5	5459.1	4463.3
-17.5°	25784.1	16514.0	11552.3	9635.2	8281.6	7377.9	6736.7	6214.1	5757.2	5226.5	4132.6
-20°	17136.5	12392.8	10216.4	8750.5	7689.3	7003.6	6471.2	6013.5	5582.4	4832.1	3690.2



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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°	12392.8	10412.9	8989.4	7889.4	7239.8	6688.9	6217.0	5796.2	5388.7	4393.9	3197.5
-25°	10216.4	8989.4	8004.4	7363.1	6822.2	6355.9	5958.2	5569.2	4887.4	3856.3	2727.2
-27.5°	8750.5	7889.4	7363.1	6867.1	6435.2	6059.8	5691.9	5248.0	4331.8	3227.8	2631.6
-30°	7689.3	7239.8	6822.2	6435.2	6094.0	5754.1	5415.3	4615.2	3643.7	2710.6	2529.3
-32.5°	7003.6	6688.9	6355.9	6059.8	5754.1	5445.6	4758.4	3896.7	2883.3	2594.2	2403.2
-35°	6471.2	6217.0	5958.2	5691.9	5415.3	4758.4	3981.7	3048.7	2633.7	2465.0	2264.9
-37.5°	6013.5	5796.2	5569.2	5248.0	4615.2	3896.7	3048.7	2646.9	2496.2	2310.6	2099.7
-40°	5582.4	5388.7	4887.4	4331.8	3643.7	2883.3	2633.7	2496.2	2325.9	2135.8	1917.9
-42.5°	4832.1	4393.9	3856.3	3227.8	2710.6	2594.2	2465.0	2310.6	2135.8	1935.7	1735.5
-45°	3690.2	3197.5	2727.2	2631.6	2529.3	2403.2	2264.9	2099.7	1917.9	1735.5	1548.9
-47.5°	2684.9	2610.5	2528.7	2426.7	2311.8	2183.4	2028.0	1865.4	1702.1	1535.6	1393.7
-50°	2465.7	2382.8	2291.6	2187.0	2058.8	1922.1	1781.5	1635.7	1495.8	1367.5	1233.1
-52.5°	2205.1	2113.3	2012.1	1902.1	1787.4	1666.0	1539.6	1430.1	1315.4	1193.3	1065.7
-55°	1892.8	1811.4	1722.4	1625.3	1526.0	1435.5	1339.5	1236.9	1127.6	1013.4	897.1
-57.5°	1591.5	1523.7	1457.8	1386.0	1308.3	1223.6	1132.7	1036.8	937.4	834.1	730.3
-60°	1339.5	1285.2	1223.6	1156.2	1083.4	1005.4	923.9	837.6	746.9	671.4	593.2
-62.5°	1089.5	1039.0	983.7	923.9	859.0	789.5	721.5	659.4	594.0	525.3	452.1
-65°	840.7	796.2	746.9	703.9	657.7	608.1	555.2	498.2	437.6	374.1	309.7
-67.5°	624.5	593.2	558.5	520.1	477.9	432.4	383.9	332.5	286.3	241.2	194.1
-70°	425.3	397.0	365.7	331.3	298.9	267.1	233.1	197.1	159.0	132.4	111.3
-72.5°	243.0	223.5	201.9	178.3	152.6	135.4	120.5	104.6	87.8	70.2	57.2
-75°	114.1	105.7	96.4	86.2	75.2	63.3	56.9	52.9	48.8	44.4	39.8
-77.5°	51.8	49.8	47.5	45.1	42.4	39.5	36.4	33.7	32.0	30.1	28.2
-80°	31.2	30.4	29.5	28.5	27.4	26.3	25.0	23.7	22.3	21.1	20.0
-82.5°	20.0	19.5	19.1	18.5	18.0	17.4	16.7	16.0	15.3	14.5	13.7
-85°	11.9	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.1	9.8	9.4
-87.5°	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3	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



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 CATALOG NUMBER: EPH-08-680R-57-70-3S-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°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2
85°	9.1	8.7	8.4	8.0	7.6	7.2	6.6	6.1	5.5	4.9	4.3
82.5°	12.8	12.2	11.6	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.5
80°	18.9	17.7	16.4	15.2	13.9	12.6	11.7	10.9	10.0	9.2	8.3
77.5°	26.2	24.1	22.0	20.3	18.6	17.0	15.2	13.5	12.1	11.0	9.9
75°	35.0	32.1	29.6	26.9	24.1	21.4	19.3	17.2	15.1	12.9	11.4
72.5°	51.7	45.8	39.8	34.0	30.7	27.4	24.0	20.9	18.4	15.9	13.3
70°	89.3	66.4	54.6	47.5	40.2	33.5	29.7	25.7	21.7	18.8	15.9
67.5°	145.5	119.8	93.2	65.7	53.1	44.7	36.1	30.8	26.3	21.7	18.4
65°	255.0	198.4	142.9	112.4	81.1	56.5	46.9	37.2	30.8	25.7	20.9
62.5°	376.0	301.4	236.9	170.6	124.1	88.9	57.6	46.9	36.1	29.7	24.0
60°	511.4	425.3	336.5	260.2	186.1	128.0	88.9	56.5	44.7	33.5	27.4
57.5°	642.1	550.9	455.1	356.3	268.0	186.1	124.1	81.1	53.1	40.2	30.7
55°	776.6	671.7	570.6	465.1	356.3	260.2	170.6	112.4	65.7	47.5	34.0
52.5°	935.2	801.9	681.6	570.6	455.1	336.5	236.9	142.9	93.2	54.6	39.8
50°	1092.0	948.0	801.9	671.7	550.9	425.3	301.4	198.4	119.8	66.4	45.8
47.5°	1246.5	1092.0	935.2	776.6	642.1	511.4	376.0	255.0	145.5	89.3	51.7
45°	1393.7	1233.1	1065.7	897.1	730.3	593.2	452.1	309.7	194.1	111.3	57.2
42.5°	1535.6	1367.5	1193.3	1013.4	834.1	671.4	525.3	374.1	241.2	132.4	70.2
40°	1702.1	1495.8	1315.4	1127.6	937.4	746.9	594.0	437.6	286.3	159.0	87.8
37.5°	1865.4	1635.7	1430.1	1236.9	1036.8	837.6	659.4	498.2	332.5	197.1	104.6
35°	2028.0	1781.5	1539.6	1339.5	1132.7	923.9	721.5	555.2	383.9	233.1	120.5
32.5°	2183.4	1922.1	1666.0	1435.5	1223.6	1005.4	789.5	608.1	432.4	267.1	135.4
30°	2311.8	2058.8	1787.4	1526.0	1308.3	1083.4	859.0	657.7	477.9	298.9	152.6
27.5°	2426.7	2187.0	1902.1	1625.3	1386.0	1156.2	923.9	703.9	520.1	331.3	178.3
25°	2528.7	2291.6	2012.1	1722.4	1457.8	1223.6	983.7	746.9	558.5	365.7	201.9
22.5°	2610.5	2382.8	2113.3	1811.4	1523.7	1285.2	1039.0	796.2	593.2	397.0	223.5
20°	2684.9	2465.7	2205.1	1892.8	1591.5	1339.5	1089.5	840.7	624.5	425.3	243.0
17.5°	2807.2	2533.8	2275.7	1968.0	1657.3	1387.8	1134.5	880.2	652.4	450.4	260.2
15°	3166.4	2587.8	2335.5	2033.9	1714.9	1430.1	1173.7	914.8	676.6	472.4	275.3
12.5°	3474.0	2634.0	2386.6	2090.1	1764.0	1466.1	1207.1	944.2	697.3	491.0	288.1
10°	3728.5	2672.2	2428.8	2136.5	1804.5	1495.8	1234.6	968.3	714.3	506.3	298.6
7.5°	3928.1	2702.1	2461.8	2172.8	1836.2	1518.9	1256.1	987.2	727.6	518.3	306.8
5°	4071.6	2723.5	2485.6	2198.8	1858.9	1535.6	1271.5	1000.8	737.1	526.8	312.7
2.5°	4158.1	2736.5	2499.8	2214.5	1872.5	1545.6	1280.8	1008.9	742.8	532.0	316.2
0°	4187.0	2740.8	2504.6	2219.7	1877.1	1548.9	1283.9	1011.6	744.7	533.7	317.4
-2.5°	4158.1	2736.5	2499.8	2214.5	1872.5	1545.6	1280.8	1008.9	742.8	532.0	316.2
-5°	4071.6	2723.5	2485.6	2198.8	1858.9	1535.6	1271.5	1000.8	737.1	526.8	312.7
-7.5°	3928.1	2702.1	2461.8	2172.8	1836.2	1518.9	1256.1	987.2	727.6	518.3	306.8
-10°	3728.5	2672.2	2428.8	2136.5	1804.5	1495.8	1234.6	968.3	714.3	506.3	298.6
-12.5°	3474.0	2634.0	2386.6	2090.1	1764.0	1466.1	1207.1	944.2	697.3	491.0	288.1
-15°	3166.4	2587.8	2335.5	2033.9	1714.9	1430.1	1173.7	914.8	676.6	472.4	275.3
-17.5°	2807.2	2533.8	2275.7	1968.0	1657.3	1387.8	1134.5	880.2	652.4	450.4	260.2
-20°	2684.9	2465.7	2205.1	1892.8	1591.5	1339.5	1089.5	840.7	624.5	425.3	243.0



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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°	2610.5	2382.8	2113.3	1811.4	1523.7	1285.2	1039.0	796.2	593.2	397.0	223.5
-25°	2528.7	2291.6	2012.1	1722.4	1457.8	1223.6	983.7	746.9	558.5	365.7	201.9
-27.5°	2426.7	2187.0	1902.1	1625.3	1386.0	1156.2	923.9	703.9	520.1	331.3	178.3
-30°	2311.8	2058.8	1787.4	1526.0	1308.3	1083.4	859.0	657.7	477.9	298.9	152.6
-32.5°	2183.4	1922.1	1666.0	1435.5	1223.6	1005.4	789.5	608.1	432.4	267.1	135.4
-35°	2028.0	1781.5	1539.6	1339.5	1132.7	923.9	721.5	555.2	383.9	233.1	120.5
-37.5°	1865.4	1635.7	1430.1	1236.9	1036.8	837.6	659.4	498.2	332.5	197.1	104.6
-40°	1702.1	1495.8	1315.4	1127.6	937.4	746.9	594.0	437.6	286.3	159.0	87.8
-42.5°	1535.6	1367.5	1193.3	1013.4	834.1	671.4	525.3	374.1	241.2	132.4	70.2
-45°	1393.7	1233.1	1065.7	897.1	730.3	593.2	452.1	309.7	194.1	111.3	57.2
-47.5°	1246.5	1092.0	935.2	776.6	642.1	511.4	376.0	255.0	145.5	89.3	51.7
-50°	1092.0	948.0	801.9	671.7	550.9	425.3	301.4	198.4	119.8	66.4	45.8
-52.5°	935.2	801.9	681.6	570.6	455.1	336.5	236.9	142.9	93.2	54.6	39.8
-55°	776.6	671.7	570.6	465.1	356.3	260.2	170.6	112.4	65.7	47.5	34.0
-57.5°	642.1	550.9	455.1	356.3	268.0	186.1	124.1	81.1	53.1	40.2	30.7
-60°	511.4	425.3	336.5	260.2	186.1	128.0	88.9	56.5	44.7	33.5	27.4
-62.5°	376.0	301.4	236.9	170.6	124.1	88.9	57.6	46.9	36.1	29.7	24.0
-65°	255.0	198.4	142.9	112.4	81.1	56.5	46.9	37.2	30.8	25.7	20.9
-67.5°	145.5	119.8	93.2	65.7	53.1	44.7	36.1	30.8	26.3	21.7	18.4
-70°	89.3	66.4	54.6	47.5	40.2	33.5	29.7	25.7	21.7	18.8	15.9
-72.5°	51.7	45.8	39.8	34.0	30.7	27.4	24.0	20.9	18.4	15.9	13.3
-75°	35.0	32.1	29.6	26.9	24.1	21.4	19.3	17.2	15.1	12.9	11.4
-77.5°	26.2	24.1	22.0	20.3	18.6	17.0	15.2	13.5	12.1	11.0	9.9
-80°	18.9	17.7	16.4	15.2	13.9	12.6	11.7	10.9	10.0	9.2	8.3
-82.5°	12.8	12.2	11.6	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.5
-85°	9.1	8.7	8.4	8.0	7.6	7.2	6.6	6.1	5.5	4.9	4.3
-87.5°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	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):

	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°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
85°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
82.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
80°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
77.5°	8.7	7.6	6.2	4.7	3.1	1.6	0.0
75°	10.1	8.7	7.4	5.6	3.7	1.9	0.0
72.5°	11.4	9.9	8.3	6.5	4.3	2.2	0.0
70°	12.9	11.0	9.2	7.3	4.9	2.5	0.0
67.5°	15.1	12.1	10.0	8.0	5.5	2.8	0.0
65°	17.2	13.5	10.9	8.6	6.1	3.0	0.0
62.5°	19.3	15.2	11.7	9.3	6.6	3.3	0.0
60°	21.4	17.0	12.6	9.9	7.2	3.6	0.0
57.5°	24.1	18.6	13.9	10.5	7.6	3.9	0.0
55°	26.9	20.3	15.2	11.1	8.0	4.1	0.0
52.5°	29.6	22.0	16.4	11.6	8.4	4.4	0.0
50°	32.1	24.1	17.7	12.2	8.7	4.6	0.0
47.5°	35.0	26.2	18.9	12.8	9.1	4.9	0.0
45°	39.8	28.2	20.0	13.7	9.4	5.1	0.0
42.5°	44.4	30.1	21.1	14.5	9.8	5.3	0.0
40°	48.8	32.0	22.3	15.3	10.1	5.5	0.0
37.5°	52.9	33.7	23.7	16.0	10.4	5.7	0.0
35°	56.9	36.4	25.0	16.7	10.6	5.9	0.0
32.5°	63.3	39.5	26.3	17.4	10.9	6.1	0.0
30°	75.2	42.4	27.4	18.0	11.2	6.2	0.0
27.5°	86.2	45.1	28.5	18.5	11.4	6.4	0.0
25°	96.4	47.5	29.5	19.1	11.6	6.5	0.0
22.5°	105.7	49.8	30.4	19.5	11.8	6.7	0.0
20°	114.1	51.8	31.2	20.0	11.9	6.8	0.0
17.5°	121.5	53.6	31.9	20.3	12.1	6.9	0.0
15°	128.0	55.1	32.6	20.7	12.2	7.0	0.0
12.5°	133.5	56.5	33.1	21.0	12.3	7.0	0.0
10°	138.0	57.6	33.5	21.2	12.4	7.1	0.0
7.5°	141.6	58.4	33.9	21.4	12.5	7.1	0.0
5°	144.1	59.0	34.1	21.5	12.6	7.2	0.0
2.5°	145.6	59.4	34.3	21.6	12.6	7.2	0.0
0°	146.1	59.5	34.3	21.6	12.6	7.2	0.0
-2.5°	145.6	59.4	34.3	21.6	12.6	7.2	0.0
-5°	144.1	59.0	34.1	21.5	12.6	7.2	0.0
-7.5°	141.6	58.4	33.9	21.4	12.5	7.1	0.0
-10°	138.0	57.6	33.5	21.2	12.4	7.1	0.0
-12.5°	133.5	56.5	33.1	21.0	12.3	7.0	0.0
-15°	128.0	55.1	32.6	20.7	12.2	7.0	0.0
-17.5°	121.5	53.6	31.9	20.3	12.1	6.9	0.0
-20°	114.1	51.8	31.2	20.0	11.9	6.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	105.7	49.8	30.4	19.5	11.8	6.7	0.0
-25°	96.4	47.5	29.5	19.1	11.6	6.5	0.0
-27.5°	86.2	45.1	28.5	18.5	11.4	6.4	0.0
-30°	75.2	42.4	27.4	18.0	11.2	6.2	0.0
-32.5°	63.3	39.5	26.3	17.4	10.9	6.1	0.0
-35°	56.9	36.4	25.0	16.7	10.6	5.9	0.0
-37.5°	52.9	33.7	23.7	16.0	10.4	5.7	0.0
-40°	48.8	32.0	22.3	15.3	10.1	5.5	0.0
-42.5°	44.4	30.1	21.1	14.5	9.8	5.3	0.0
-45°	39.8	28.2	20.0	13.7	9.4	5.1	0.0
-47.5°	35.0	26.2	18.9	12.8	9.1	4.9	0.0
-50°	32.1	24.1	17.7	12.2	8.7	4.6	0.0
-52.5°	29.6	22.0	16.4	11.6	8.4	4.4	0.0
-55°	26.9	20.3	15.2	11.1	8.0	4.1	0.0
-57.5°	24.1	18.6	13.9	10.5	7.6	3.9	0.0
-60°	21.4	17.0	12.6	9.9	7.2	3.6	0.0
-62.5°	19.3	15.2	11.7	9.3	6.6	3.3	0.0
-65°	17.2	13.5	10.9	8.6	6.1	3.0	0.0
-67.5°	15.1	12.1	10.0	8.0	5.5	2.8	0.0
-70°	12.9	11.0	9.2	7.3	4.9	2.5	0.0
-72.5°	11.4	9.9	8.3	6.5	4.3	2.2	0.0
-75°	10.1	8.7	7.4	5.6	3.7	1.9	0.0
-77.5°	8.7	7.6	6.2	4.7	3.1	1.6	0.0
-80°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
-82.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-85°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)