

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: P1305840 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-2S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

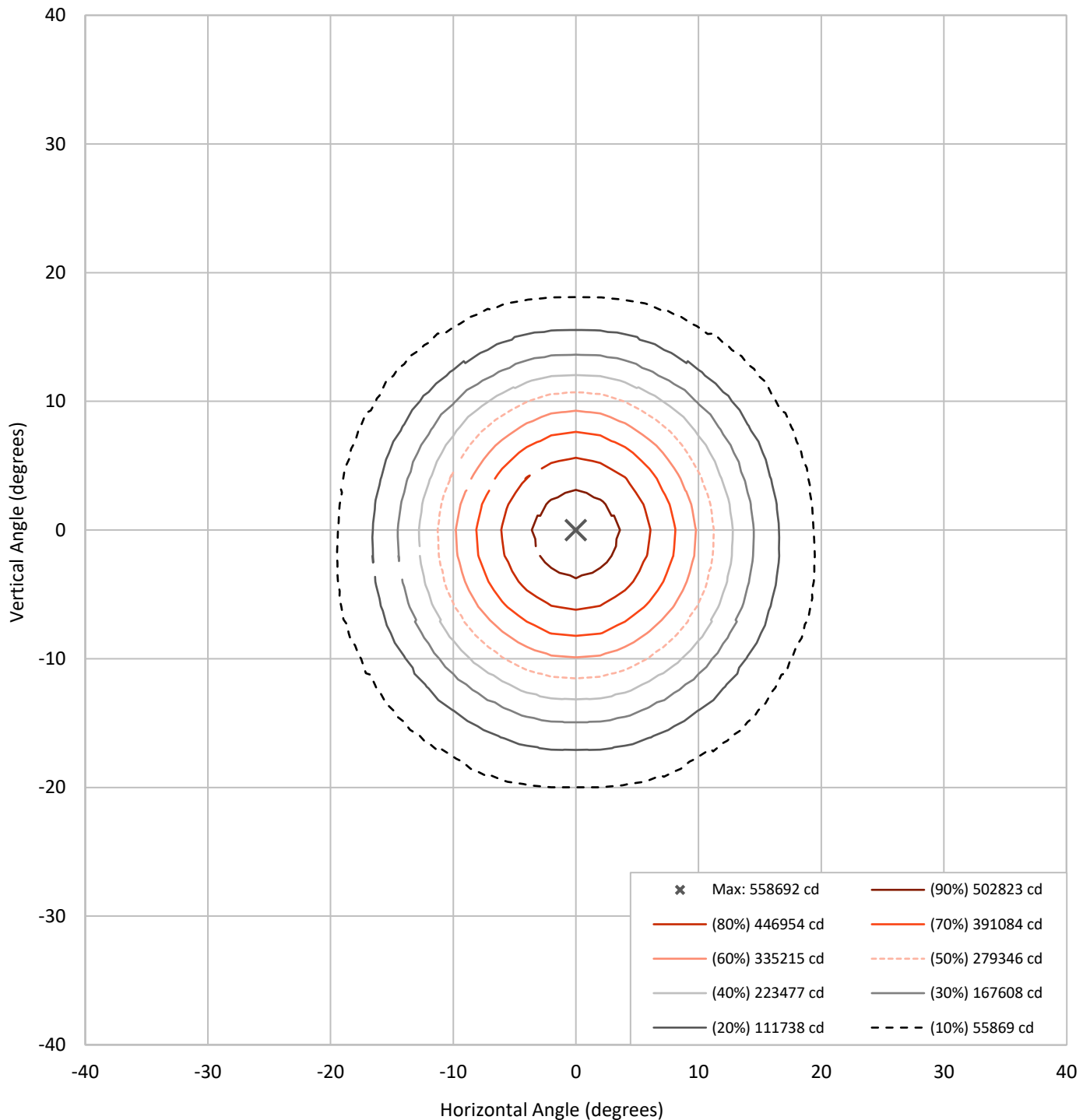
Test Method: LM-79-08  
Report Number: P1305840 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-680R-57-70-2S-VHE-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	97651 lumens	Max Intensity:	558692 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	45630.7 lumens	Field Lumens:	81290.2 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	711		
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





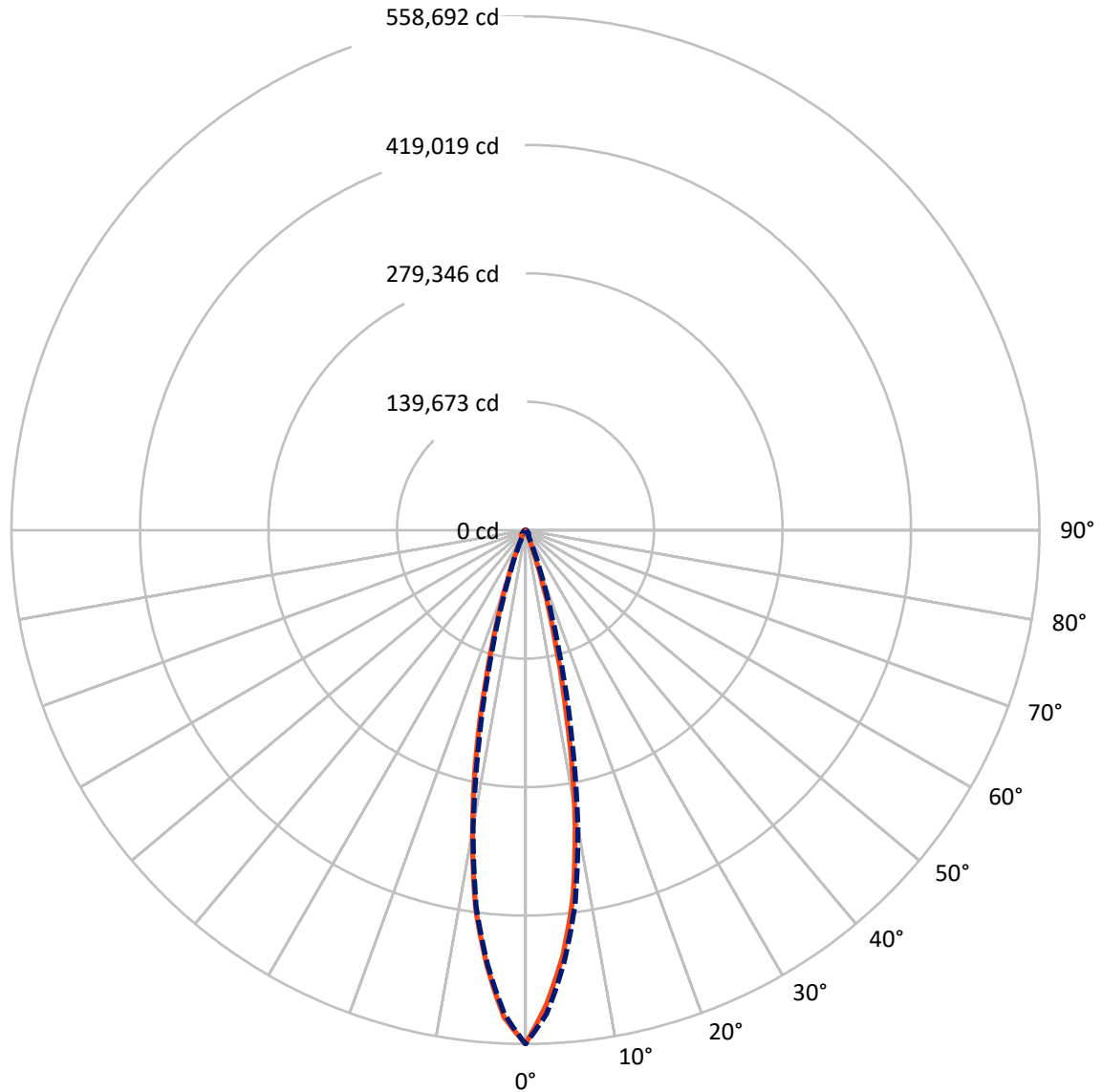
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### Lumen Table

90	0.2	0.8		1.4		2.1		2.5		2.1		1.4		0.8		0.2			
80	0.2	0.8		1.4		2.1		2.5		2.1		1.4		0.8		0.2			
70	0.2	0.1	0.2	0.7	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.7	0.2	0.1	0.2			
60		0.4	0.8	1.1	0.9	0.8	1.0	1.1	1.1	1.0	0.8	0.9	1.1	0.8	0.4				
50	0.7	1.2	2.9	5.8	10.2	16.8	25.8	30.4	30.4	25.8	16.8	10.2	5.8	2.9	1.2	0.7			
40		3.0	9.6	18.6	36.3	63.3	76.9	85.3	85.3	76.9	63.3	36.3	18.6	9.6	3.0				
30	1.9	5.2	15.9	33.9	83.0	96.5	133.1	243.3	243.3	133.1	96.5	83.0	33.9	15.9	5.2	1.9			
20		7.0	20.8	59.5	117.0	171.9	1090.4	3516.9	3516.9	1090.4	171.9	117.0	59.5	20.8	7.0				
10	2.8	8.4	23.9	77.7	134.0	384.3	3862.8	11612.3	11612.3	3862.8	384.3	134.0	77.7	23.9	8.4	2.8			
0		9.2	26.4	82.0	147.4	440.7	4206.9	12076.3	12076.3	4206.9	440.7	147.4	82.0	26.4	9.2				
-10	3.0	9.3	27.5	79.1	155.1	252.3	1541.8	4516.7	4516.7	1541.8	252.3	155.1	79.1	27.5	9.3	3.0			
-20		8.6	27.0	60.4	146.3	200.5	278.6	557.3	557.3	278.6	200.5	146.3	60.4	27.0	8.6				
-30	2.5	7.3	23.7	47.3	102.3	180.1	211.0	221.3	221.3	211.0	180.1	102.3	47.3	23.7	7.3	2.5			
-40		5.6	17.9	38.2	61.0	93.8	142.6	179.0	179.0	142.6	93.8	61.0	38.2	17.9	5.6				
-50	2.0	3.6	11.4	25.1	42.7	57.8	69.0	76.2	76.2	69.0	57.8	42.7	25.1	11.4	3.6	2.0			
-60		2.5	5.7	12.6	21.8	30.6	38.5	43.3	43.3	38.5	30.6	21.8	12.6	5.7	2.5				
-70	1.4	8.9		21.7		36.2		44.3		36.2		21.7		8.9		1.4			
-80		8.9		21.7		36.2		44.3		36.2		21.7		8.9					
-90	1.4	8.9		21.7		36.2		44.3		36.2		21.7		8.9		1.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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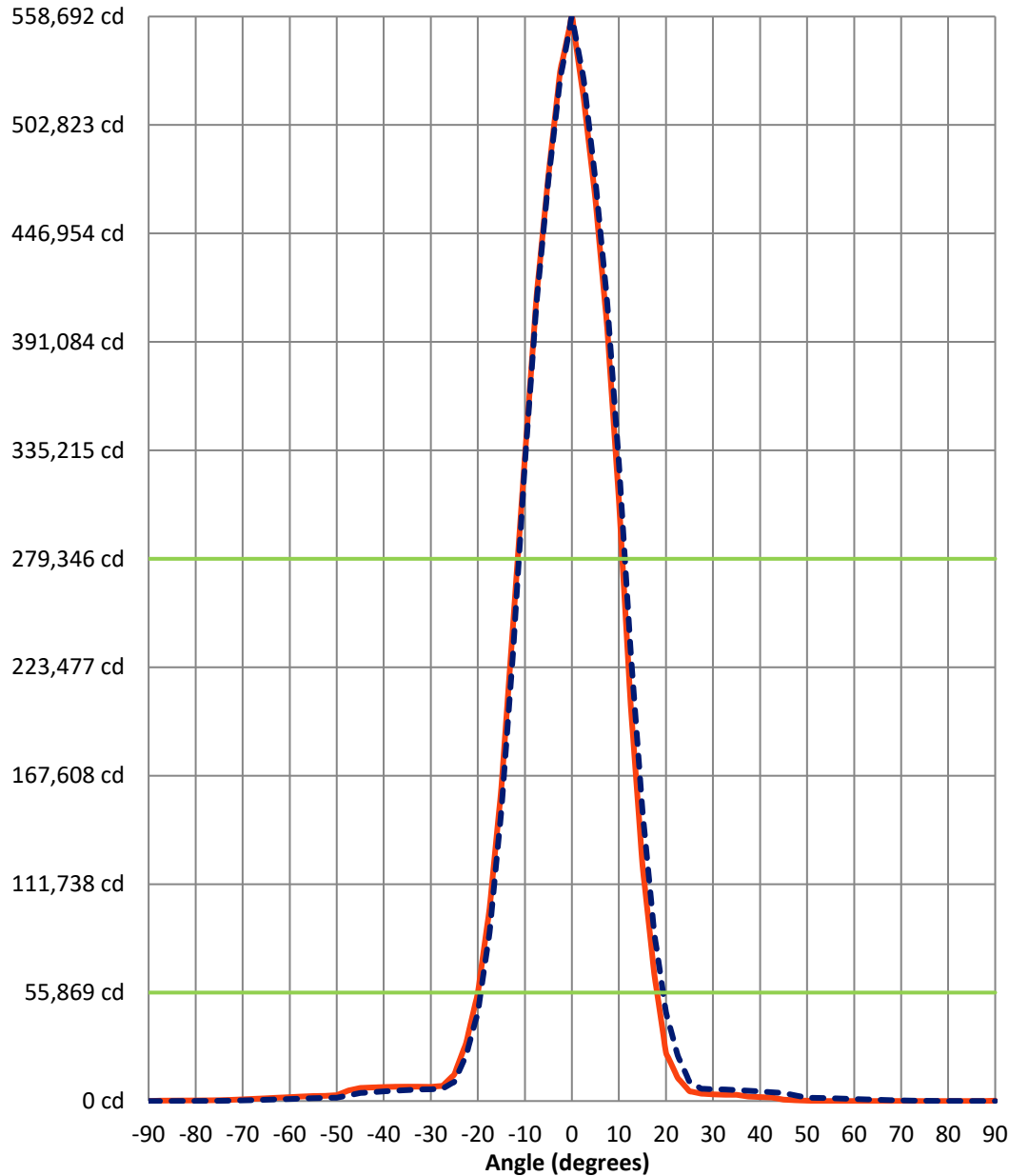
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.5°  
V Angle: 22.2°  
Lumens: 45630.7  
Efficiency: 46.7%

**Field:**  
H Angle: 38.8°  
V Angle: 38.1°  
Lumens: 81290.2  
Efficiency: 83.2%

**Spill:**  
Lumens: 16360.9  
Efficiency: 16.8%

— 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°	5.7	11.9	18.2	31.3	44.5	55.9	67.3	75.9	84.4	91.3	98.1
87.5°	5.7	5.9	5.9	5.9	5.9	5.9	6.0	5.9	5.7	5.7	5.7
85°	5.7	6.0	6.1	6.1	6.1	6.2	6.3	6.0	5.7	5.7	5.7
82.5°	5.7	6.2	6.3	6.4	6.3	6.4	6.6	6.2	5.8	6.0	6.0
80°	5.7	6.3	6.5	6.6	6.5	6.6	6.8	6.6	6.6	6.6	6.5
77.5°	5.7	6.5	6.7	6.8	6.7	6.9	7.2	7.2	7.3	7.3	7.0
75°	5.7	6.6	6.9	7.1	7.0	7.3	7.5	7.7	8.0	7.9	7.6
72.5°	5.7	6.8	7.1	7.3	7.4	7.7	7.9	8.1	8.5	8.4	8.1
70°	5.7	6.9	7.4	7.6	7.8	8.1	8.3	8.7	8.9	8.8	8.8
67.5°	5.7	7.1	7.6	7.9	8.2	8.6	8.9	9.3	9.5	9.7	9.5
65°	5.7	7.2	7.8	8.2	8.6	9.1	9.6	9.9	10.6	10.5	10.5
62.5°	5.7	7.4	8.1	8.5	9.0	9.8	10.3	11.2	12.0	11.7	12.3
60°	5.7	7.5	8.3	8.8	9.4	10.5	11.1	12.8	13.5	14.1	14.3
57.5°	5.7	7.6	8.6	9.1	10.1	11.2	12.9	14.5	16.2	17.0	19.1
55°	5.7	7.8	9.0	9.4	11.0	11.9	15.1	16.6	19.6	21.1	25.6
52.5°	5.7	7.9	9.3	9.7	11.8	12.9	17.3	20.2	23.2	29.1	32.8
50°	5.7	8.1	9.7	9.9	12.7	15.3	19.8	24.1	28.4	37.7	46.9
47.5°	5.7	8.2	10.1	10.3	13.7	17.8	22.5	28.1	37.1	47.1	63.7
45°	5.7	8.4	10.6	11.1	14.7	20.3	26.1	32.3	46.8	64.0	82.1
42.5°	5.7	8.5	11.0	11.9	15.8	23.0	29.8	39.4	57.1	82.2	111.6
40°	5.7	8.7	11.5	13.0	17.4	25.7	33.8	48.8	70.4	101.6	145.1
37.5°	5.7	8.8	12.1	14.4	19.6	28.5	38.0	58.5	89.2	126.6	181.0
35°	5.7	8.9	12.6	15.8	21.7	31.8	42.4	68.5	109.1	160.1	221.1
32.5°	5.7	9.1	13.1	17.2	23.9	35.3	48.1	78.9	129.8	194.2	263.8
30°	5.7	9.2	13.7	18.7	26.0	38.8	56.5	90.9	151.2	228.6	304.4
27.5°	5.7	9.3	14.3	20.2	28.8	42.2	64.9	106.7	173.3	263.2	342.9
25°	5.7	9.4	14.9	21.8	31.5	45.7	73.1	121.7	196.3	296.1	379.4
22.5°	5.7	9.5	15.5	23.3	34.2	49.2	81.2	135.8	217.6	318.3	419.0
20°	5.7	9.7	16.1	24.9	36.8	52.9	89.0	148.9	237.0	339.0	449.8
17.5°	5.7	9.8	16.7	26.5	39.3	56.4	96.1	161.1	254.6	357.9	478.9
15°	5.7	9.9	17.3	28.0	41.7	59.8	102.5	171.9	270.3	375.1	506.9
12.5°	5.7	9.9	17.9	29.6	44.0	63.1	108.4	181.0	285.1	390.5	533.4
10°	5.7	10.0	18.5	31.1	46.1	66.1	113.6	189.1	299.2	409.6	560.8
7.5°	5.7	10.1	19.0	32.5	48.2	69.0	118.3	196.2	311.9	428.2	591.9
5°	5.7	10.2	19.5	33.9	50.1	71.7	122.4	202.2	323.0	445.1	620.5
2.5°	5.7	10.2	20.0	35.3	51.9	74.1	125.9	207.1	332.4	460.2	646.1
0°	5.7	10.3	20.5	36.5	53.6	76.4	128.8	210.9	339.8	473.2	668.2
-2.5°	5.7	10.7	21.6	38.1	55.9	79.6	132.9	218.6	350.2	486.8	679.8
-5°	5.7	11.2	22.6	39.6	58.2	82.5	136.4	225.0	358.4	497.9	687.6
-7.5°	5.7	11.6	23.6	41.0	60.2	85.2	139.2	230.0	364.3	506.4	691.7
-10°	5.7	12.0	24.5	42.3	62.1	87.6	141.4	233.5	367.9	512.0	692.4
-12.5°	5.7	12.4	25.4	43.5	63.8	89.8	142.8	235.3	369.0	514.2	691.6
-15°	5.7	12.8	26.2	44.7	65.4	91.6	143.5	235.3	366.3	510.1	686.8
-17.5°	5.7	13.1	27.0	45.6	66.8	93.2	143.5	232.8	359.5	503.0	676.6
-20°	5.7	13.4	27.7	46.5	68.0	94.5	142.9	228.4	350.5	492.8	660.8



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 CATALOG NUMBER: EPH-08-680R-57-70-2S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.7	13.8	28.3	47.3	69.0	95.5	141.8	222.5	339.1	479.5	639.8
-25°	5.7	14.0	28.8	48.0	69.7	96.3	139.9	215.0	325.5	463.0	619.1
-27.5°	5.7	14.3	29.3	48.5	70.3	97.0	137.1	206.1	309.7	449.5	604.5
-30°	5.7	14.5	29.7	48.9	70.8	97.3	133.5	195.6	297.0	434.3	586.4
-32.5°	5.7	14.8	30.0	49.3	71.3	97.3	129.0	189.1	286.4	415.8	564.3
-35°	5.7	14.9	30.3	49.5	71.6	97.0	127.2	183.5	273.1	394.0	538.3
-37.5°	5.7	15.1	30.4	49.5	71.8	96.6	126.5	177.1	257.1	368.9	510.0
-40°	5.7	15.2	30.5	49.5	71.8	96.6	125.4	169.2	238.6	346.2	478.3
-42.5°	5.7	15.3	30.5	49.4	71.7	96.3	123.8	159.7	224.5	321.9	442.3
-45°	5.7	15.4	30.4	49.4	71.6	95.8	121.9	152.5	211.9	294.4	403.4
-47.5°	5.7	15.4	30.2	49.2	71.4	95.0	119.4	149.5	197.4	264.1	368.7
-50°	5.7	15.4	29.9	49.0	70.9	94.0	117.9	146.1	181.0	245.2	330.2
-52.5°	5.7	15.4	29.6	48.6	70.3	92.8	116.2	142.1	172.5	224.4	289.3
-55°	5.7	15.3	29.1	48.1	69.5	91.5	114.2	137.8	167.0	201.8	261.7
-57.5°	5.7	15.3	28.6	47.5	68.5	90.0	111.9	135.0	160.9	190.9	232.8
-60°	5.7	15.1	28.1	46.7	67.3	88.2	109.4	131.8	154.8	183.0	209.1
-62.5°	5.7	15.0	27.6	45.8	66.0	86.2	106.7	128.2	150.3	174.1	198.3
-65°	5.7	14.8	27.0	44.8	64.6	83.9	103.6	124.2	145.3	166.7	187.0
-67.5°	5.7	14.6	26.4	43.7	62.9	81.4	100.2	120.0	139.9	159.5	177.6
-70°	5.7	14.4	25.7	42.4	61.0	78.7	96.6	115.4	134.5	151.9	168.8
-72.5°	5.7	14.2	25.0	41.3	59.0	75.9	92.9	110.6	128.9	144.8	159.7
-75°	5.7	13.9	24.2	40.2	56.9	72.8	89.0	105.6	122.9	137.3	151.1
-77.5°	5.7	13.6	23.3	38.9	55.0	69.6	84.9	100.4	116.4	129.5	142.1
-80°	5.7	13.3	22.3	37.6	53.2	66.9	80.6	94.8	109.6	121.1	132.4
-82.5°	5.7	13.0	21.4	36.1	51.2	64.3	77.4	89.6	102.5	112.4	122.4
-85°	5.7	12.7	20.3	34.6	49.1	61.6	74.1	85.2	96.6	105.0	113.2
-87.5°	5.7	12.3	19.3	33.0	46.8	58.8	70.8	80.6	90.6	98.2	105.7
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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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°	103.2	108.3	112.9	117.4	122.6	127.7	133.4	139.1	144.8	150.5	155.1
87.5°	5.4	5.2	5.2	5.2	4.9	4.6	4.6	4.6	4.0	3.4	3.4
85°	5.7	5.7	5.7	5.7	5.3	4.9	4.8	4.6	4.3	4.0	4.1
82.5°	6.1	6.2	6.1	5.7	5.6	5.6	5.2	4.8	4.8	4.9	4.8
80°	6.6	6.8	6.4	6.1	6.0	5.8	5.6	5.5	5.6	5.7	5.3
77.5°	7.0	6.9	6.7	6.7	6.4	6.0	6.1	6.3	6.2	5.8	5.7
75°	7.4	7.0	7.0	6.9	6.7	6.7	6.8	6.8	6.6	6.4	6.3
72.5°	7.9	7.6	7.4	7.1	7.0	6.9	6.8	6.8	7.9	9.5	10.7
70°	8.5	8.3	8.0	7.8	7.6	7.6	8.9	11.6	14.4	16.6	19.5
67.5°	9.1	9.1	8.7	8.7	9.3	10.6	12.6	20.2	27.8	30.5	31.9
65°	10.2	10.0	9.9	10.7	11.3	17.0	24.6	33.5	42.9	44.7	42.9
62.5°	11.5	12.7	12.3	14.3	19.5	26.6	36.1	46.2	57.0	54.5	45.4
60°	15.7	16.5	18.3	22.7	28.6	36.6	47.2	51.5	56.0	56.8	44.1
57.5°	21.2	23.5	27.8	32.4	40.3	44.8	46.3	46.4	52.9	53.3	40.5
55°	29.5	33.5	40.0	45.6	50.5	45.6	45.6	49.8	52.1	48.1	36.0
52.5°	42.4	46.7	56.8	61.0	58.3	54.2	53.2	56.9	54.8	48.9	41.6
50°	56.8	69.0	75.7	79.1	72.7	71.9	66.1	69.4	71.5	68.3	71.4
47.5°	79.9	94.7	100.2	105.2	100.0	105.6	100.0	116.3	116.6	156.8	161.5
45°	108.1	128.1	134.6	146.1	155.0	160.1	191.8	194.0	279.3	312.8	384.7
42.5°	141.1	167.1	189.9	195.6	249.4	275.0	320.0	402.2	480.9	548.8	587.1
40°	183.3	211.2	258.7	311.7	372.7	432.9	499.9	596.4	679.6	716.2	735.5
37.5°	229.8	283.2	346.4	435.1	525.8	594.9	674.5	765.3	820.7	840.0	844.4
35°	279.5	356.6	462.4	555.5	652.8	745.5	819.8	906.6	925.2	940.6	1026.1
32.5°	340.1	429.8	554.7	659.2	757.6	864.0	939.1	990.4	1020.0	1076.5	1355.1
30°	400.8	506.1	629.7	740.7	855.5	956.6	1028.2	1078.1	1111.8	1378.3	1957.0
27.5°	450.7	571.7	694.4	823.4	950.4	1051.7	1120.5	1165.9	1362.6	1804.4	2695.5
25°	496.0	623.2	759.3	915.0	1048.4	1142.2	1212.8	1257.6	1697.8	2600.0	3217.9
22.5°	538.5	673.1	832.6	1011.6	1146.0	1225.6	1293.4	1537.2	2203.8	3406.1	3738.5
20°	580.0	732.9	912.2	1093.5	1237.4	1296.5	1367.6	1850.6	2854.6	3716.3	4080.5
17.5°	623.0	794.4	987.3	1156.4	1285.1	1359.5	1473.5	2154.5	3404.1	3987.9	4251.4
15°	666.0	852.3	1048.4	1211.8	1332.1	1421.4	1715.9	2590.0	3744.5	4286.5	4534.6
12.5°	708.2	903.0	1094.4	1259.3	1381.2	1480.0	1937.7	3040.2	4052.0	4579.6	4907.9
10°	748.7	946.8	1133.7	1305.2	1429.4	1536.9	2161.6	3480.4	4329.8	4770.7	5046.0
7.5°	784.2	982.6	1167.8	1349.1	1474.4	1592.7	2407.2	3772.4	4448.0	4892.2	5115.9
5°	814.5	1010.9	1202.2	1398.2	1521.0	1644.1	2630.4	3964.9	4492.9	4967.1	5189.0
2.5°	840.0	1033.7	1231.9	1444.2	1567.0	1687.7	2786.6	4087.0	4523.5	4995.8	5260.8
0°	860.9	1051.3	1256.5	1484.6	1608.9	1726.3	2903.0	4145.9	4533.5	4985.1	5328.3
-2.5°	874.4	1077.0	1302.1	1523.6	1643.3	1758.7	2898.1	4180.5	4546.0	5042.6	5588.9
-5°	883.5	1097.1	1340.3	1556.4	1674.3	1787.2	2848.6	4155.2	4573.5	5130.1	5759.1
-7.5°	888.0	1110.6	1369.7	1583.0	1703.7	1819.1	2787.4	4096.8	4714.0	5310.2	5866.0
-10°	889.5	1118.6	1375.7	1595.7	1730.9	1850.5	2686.4	3973.9	4824.9	5385.5	5897.1
-12.5°	895.4	1122.4	1372.5	1600.9	1754.0	1879.2	2561.7	3892.6	4974.1	5431.9	5885.8
-15°	894.9	1121.0	1363.3	1599.4	1782.3	1917.5	2395.8	3700.6	5065.0	5442.4	5855.5
-17.5°	887.3	1114.5	1349.3	1593.9	1809.2	1946.2	2161.8	3305.5	4805.2	5396.4	5819.7
-20°	872.4	1100.6	1329.6	1576.7	1824.2	1972.8	2133.9	2959.6	4270.6	5274.3	5752.2



REPORT NUMBER: P1305840 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	851.1	1080.1	1305.4	1547.7	1817.0	2002.9	2153.3	2623.1	3742.5	5093.4	5642.8
-25°	826.1	1051.5	1277.6	1532.0	1806.6	2031.7	2157.4	2310.5	3283.2	4494.6	5454.3
-27.5°	798.5	1016.2	1246.9	1498.9	1790.2	2026.5	2155.7	2300.2	2794.0	3757.9	5154.1
-30°	766.4	976.5	1204.5	1450.7	1732.5	1972.1	2150.6	2270.1	2420.9	3180.2	4370.9
-32.5°	730.9	931.7	1154.2	1396.1	1658.3	1911.2	2120.9	2246.0	2378.3	2638.3	3598.1
-35°	696.1	888.4	1098.6	1333.2	1582.5	1828.4	2043.0	2220.6	2331.8	2477.9	2916.0
-37.5°	663.9	839.8	1037.6	1264.5	1505.6	1725.7	1957.9	2150.3	2302.4	2408.4	2585.6
-40°	626.6	785.5	975.1	1187.5	1404.2	1613.7	1834.5	2051.0	2237.8	2377.3	2483.0
-42.5°	584.6	736.5	908.0	1096.8	1297.0	1496.3	1705.1	1919.6	2124.7	2308.6	2439.6
-45°	539.1	681.8	836.2	1007.5	1185.2	1375.2	1573.9	1776.9	1980.5	2183.4	2344.9
-47.5°	486.5	621.7	768.1	912.1	1076.1	1250.6	1435.4	1626.1	1814.4	2010.3	2196.2
-50°	431.7	556.7	690.4	823.3	965.6	1123.4	1292.5	1470.8	1649.4	1830.1	2009.3
-52.5°	382.0	485.9	609.0	734.4	860.0	995.0	1148.1	1310.6	1479.1	1649.7	1806.4
-55°	329.0	422.4	523.6	641.0	758.9	876.2	1000.7	1147.8	1300.5	1458.7	1599.3
-57.5°	288.2	358.5	445.8	542.8	652.5	763.6	872.8	983.3	1119.7	1260.3	1378.5
-60°	254.3	305.0	371.9	453.9	541.2	643.9	746.5	849.2	954.7	1055.4	1164.5
-62.5°	223.3	264.6	311.7	369.0	444.8	524.0	615.2	709.7	806.3	893.1	973.4
-65°	210.0	229.8	265.1	307.9	351.4	419.1	492.0	566.5	650.3	727.2	799.5
-67.5°	195.8	214.2	232.5	255.1	294.1	334.2	374.4	440.2	505.9	565.3	624.3
-70°	184.5	198.6	214.8	231.3	248.1	271.2	307.1	344.3	381.5	422.5	472.4
-72.5°	173.4	186.1	199.0	211.8	226.9	242.7	259.2	276.0	301.8	333.3	361.9
-75°	162.7	173.2	184.9	196.7	208.6	220.6	234.0	249.5	264.9	280.3	294.7
-77.5°	152.4	162.0	171.7	181.7	192.0	202.7	214.4	226.7	239.4	252.0	263.1
-80°	141.6	150.6	159.0	167.5	176.7	186.0	195.8	205.8	216.9	228.5	238.6
-82.5°	130.0	137.5	145.1	152.6	161.1	169.6	178.0	186.4	195.5	204.9	213.2
-85°	118.8	124.1	130.7	137.2	144.8	152.4	159.5	166.6	174.6	182.5	189.0
-87.5°	111.1	116.3	121.4	126.5	132.6	138.6	144.5	150.4	156.9	163.5	168.6
-90°	5.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.0	3.4	3.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	159.6	163.1	166.5	168.2	169.9	173.3	176.7	181.9	187.0	192.7	198.4
87.5°	3.4	3.4	3.4	3.3	3.3	2.8	2.3	2.3	2.3	2.3	2.3
85°	4.2	4.2	4.3	3.9	3.4	3.3	3.3	3.3	3.3	2.8	2.3
82.5°	4.6	4.6	4.6	4.4	4.3	3.9	3.4	3.4	3.4	3.4	3.4
80°	5.0	4.8	4.6	4.6	4.6	4.4	4.3	3.9	3.4	3.9	4.5
77.5°	5.7	5.4	5.0	4.9	4.7	4.3	3.8	3.6	3.4	3.5	3.5
75°	5.9	6.0	6.8	7.0	6.8	6.2	5.2	5.0	5.2	5.0	4.6
72.5°	11.6	12.2	12.6	13.7	14.2	14.9	16.1	18.3	20.9	23.4	25.7
70°	23.3	26.6	27.3	27.4	27.3	28.1	29.3	30.7	32.5	34.0	35.3
67.5°	35.9	38.8	39.1	39.7	38.7	37.1	35.6	35.5	37.6	40.0	42.7
65°	43.8	40.9	38.7	38.2	37.5	35.6	32.6	30.5	30.0	29.6	29.6
62.5°	39.3	33.6	31.6	31.2	29.4	27.2	23.3	20.0	18.3	17.4	17.5
60°	34.1	27.4	23.4	21.5	18.8	16.0	13.5	11.0	10.3	10.0	10.1
57.5°	28.1	20.9	16.1	15.4	13.2	10.5	8.6	6.8	6.5	6.6	6.9
55°	25.7	22.0	18.3	17.1	14.6	13.4	11.6	9.2	8.6	9.3	10.2
52.5°	33.4	31.3	29.6	29.8	32.8	30.4	22.6	31.7	36.9	37.0	35.3
50°	73.2	65.8	94.0	90.4	113.0	128.1	116.3	130.6	151.0	165.4	175.4
47.5°	209.0	216.7	250.3	279.5	303.0	329.3	356.0	372.1	376.2	402.9	421.1
45°	420.8	446.1	483.5	502.5	539.4	583.2	613.9	627.7	708.3	808.5	873.3
42.5°	610.8	630.2	659.7	726.5	794.2	944.1	1116.1	1122.1	1277.5	1415.1	1555.9
40°	743.6	780.3	885.0	1043.5	1409.2	1694.6	1897.6	2096.7	2129.8	2065.2	2100.5
37.5°	915.6	1046.5	1311.9	1739.4	2055.9	2342.5	2457.9	2472.9	2513.1	2538.3	2498.2
35°	1239.7	1676.2	1896.4	2259.7	2489.9	2545.8	2580.7	2615.1	2648.0	2670.5	2695.0
32.5°	1949.5	2490.2	2519.4	2612.8	2655.7	2705.3	2742.4	2763.9	2778.8	2798.6	2865.4
30°	2712.6	2838.5	2849.0	2841.5	2856.3	2889.7	2913.8	2953.3	2992.6	3037.8	3185.8
27.5°	3068.8	3165.3	3135.3	3083.8	3058.3	3084.9	3150.7	3212.0	3326.1	3446.2	3658.6
25°	3463.2	3527.2	3490.5	3399.1	3341.9	3379.6	3478.5	3595.4	3813.6	4006.0	4396.9
22.5°	3885.6	4004.4	3966.0	3938.8	3818.1	3836.2	3914.3	4178.1	4723.8	5587.9	7382.0
20°	4213.1	4358.4	4376.8	4377.4	4352.0	4359.5	4540.8	5391.5	6987.2	12001.4	16446.5
17.5°	4456.0	4541.2	4643.4	4685.4	4735.1	4880.2	5847.6	8790.5	15681.4	24903.9	31966.0
15°	4770.7	4879.7	4990.5	5060.7	5173.0	5970.9	8444.7	17483.3	30014.1	45667.0	65674.2
12.5°	5022.7	5157.1	5245.0	5300.6	5559.7	7658.7	16265.4	29277.4	48828.5	73117.9	109150.2
10°	5162.2	5266.9	5386.9	5579.4	6635.8	11109.2	22937.6	41142.2	71196.5	114947.8	162939.5
7.5°	5231.6	5367.1	5567.8	5860.3	7854.1	16217.4	31910.6	58072.2	99122.1	153601.1	220470.3
5°	5312.4	5562.9	5801.8	6136.7	8800.1	19905.7	39043.2	72511.7	123470.2	190114.7	272698.6
2.5°	5442.9	5819.7	5973.7	6295.5	9370.1	22280.1	43296.5	83805.4	141651.6	219911.0	312631.1
0°	5648.7	5962.2	6054.6	6378.4	9943.9	23454.4	45794.9	86902.2	149750.3	231514.7	328358.6
-2.5°	5881.3	6077.0	6179.4	6540.3	10231.9	24652.4	47760.5	88983.1	147821.6	227649.3	322449.9
-5°	6032.9	6188.4	6287.6	6640.3	10200.4	23454.4	45564.2	82865.1	136545.1	207944.4	292702.8
-7.5°	6136.2	6298.0	6401.9	6725.2	9597.4	20269.4	40244.5	71428.6	116039.8	174596.5	247806.4
-10°	6237.1	6413.8	6549.8	6805.3	8494.4	15473.5	31587.5	53887.7	90750.4	137341.2	192078.1
-12.5°	6328.1	6546.4	6721.4	6839.0	7458.4	11769.4	23213.0	41218.2	65321.3	100100.7	140155.5
-15°	6374.0	6635.3	6831.2	6960.9	7320.0	9306.1	15031.5	27274.8	45604.6	67177.5	93241.4
-17.5°	6294.7	6684.4	6872.9	7015.7	7133.8	7644.2	10603.1	16742.3	28190.8	42322.8	55054.9
-20°	6168.6	6689.8	6903.3	7095.5	7229.7	7368.8	7745.7	10662.0	15319.6	23989.5	32475.3



REPORT NUMBER: P1305840 (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°	6061.9	6546.6	6992.3	7199.8	7354.3	7364.5	7376.2	7727.2	9545.7	12466.8	16955.8
-25°	5987.9	6446.6	6965.2	7286.7	7393.7	7397.6	7339.2	7274.0	7480.2	7687.4	9327.7
-27.5°	5862.8	6360.3	6847.8	7239.9	7398.5	7393.0	7348.7	7305.2	7233.8	7187.2	7364.1
-30°	5709.8	6209.7	6663.5	7057.9	7292.9	7365.1	7334.9	7302.5	7280.5	7264.9	7233.2
-32.5°	4894.2	6024.7	6407.0	6764.8	7100.2	7247.1	7312.5	7297.3	7277.5	7269.0	7274.6
-35°	3997.7	5164.8	6157.4	6412.5	6703.5	6995.8	7202.1	7248.8	7269.4	7265.8	7274.8
-37.5°	3065.3	4116.8	5092.0	5907.2	6257.5	6561.4	6861.2	7059.8	7178.9	7199.6	7227.6
-40°	2641.8	2939.1	3863.0	4682.3	5363.9	5991.4	6308.8	6652.1	6919.9	7027.6	7084.3
-42.5°	2529.9	2648.0	2769.4	3370.2	4075.9	4674.1	5266.8	5855.9	6344.8	6621.4	6801.4
-45°	2481.1	2547.0	2617.0	2713.7	2800.4	3305.6	3849.8	4423.8	5066.4	5546.4	5993.5
-47.5°	2339.0	2471.7	2538.6	2579.6	2610.1	2676.8	2736.4	2898.2	3433.0	3853.5	4320.1
-50°	2151.1	2286.0	2395.3	2492.6	2525.8	2541.2	2559.1	2612.9	2698.3	2760.4	2854.4
-52.5°	1933.7	2060.2	2182.0	2286.1	2360.5	2424.5	2485.6	2528.1	2562.7	2598.5	2632.5
-55°	1725.8	1833.5	1938.0	2035.7	2124.4	2198.2	2270.9	2340.1	2405.1	2466.1	2523.1
-57.5°	1497.7	1605.3	1701.4	1789.1	1864.7	1926.3	1998.0	2074.3	2145.7	2209.1	2270.9
-60°	1267.5	1365.5	1457.3	1540.3	1609.5	1663.9	1733.7	1802.0	1867.3	1926.4	1978.1
-62.5°	1051.2	1134.8	1213.9	1287.1	1352.6	1411.0	1469.6	1528.1	1589.8	1645.1	1693.8
-65°	868.3	935.0	991.2	1043.5	1087.5	1140.3	1196.6	1249.0	1303.4	1354.5	1401.2
-67.5°	684.6	741.1	788.3	833.4	870.2	907.3	949.2	989.1	1027.5	1067.3	1106.1
-70°	516.6	556.4	586.2	617.1	653.4	687.2	721.0	754.9	786.8	821.7	857.8
-72.5°	385.5	404.8	424.4	449.6	471.2	495.7	520.0	546.0	572.4	597.8	621.5
-75°	308.6	320.9	335.7	348.0	357.3	369.3	382.7	399.1	415.5	432.0	447.5
-77.5°	274.5	283.0	289.8	295.1	299.7	305.7	311.9	323.4	335.7	349.5	363.4
-80°	248.2	253.7	258.4	262.2	265.6	270.7	275.8	285.8	296.4	306.7	316.6
-82.5°	221.4	226.0	229.8	233.2	236.3	241.1	246.0	254.0	262.1	272.0	282.0
-85°	195.4	199.4	203.2	206.3	209.2	213.0	216.7	224.1	231.5	239.5	247.5
-87.5°	173.6	176.9	180.2	182.8	185.4	188.6	191.7	197.6	203.5	209.9	216.3
-90°	3.4	3.4	3.4	2.9	2.3	2.3	2.3	2.3	2.3	1.7	1.1



REPORT NUMBER: P1305840 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-57-70-2S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	199.0	199.5	199.5	199.5	199.5	199.5	199.0	198.4	192.7	187.0	181.9
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	3.3	3.3
82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
80°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	3.9	3.4	3.9
77.5°	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.6
75°	4.0	3.4	3.4	3.4	3.4	3.4	4.0	4.6	5.0	5.2	5.0
72.5°	27.9	29.9	31.1	31.9	31.1	29.9	27.9	25.7	23.4	20.9	18.3
70°	36.0	36.3	36.5	36.5	36.5	36.3	36.0	35.3	34.0	32.5	30.7
67.5°	44.2	45.2	45.5	45.6	45.5	45.2	44.2	42.7	40.0	37.6	35.5
65°	28.3	26.2	24.3	22.8	24.3	26.2	28.3	29.6	29.6	30.0	30.5
62.5°	17.1	16.4	16.1	16.0	16.1	16.4	17.1	17.5	17.4	18.3	20.0
60°	10.2	10.4	9.9	9.1	9.9	10.4	10.2	10.1	10.0	10.3	11.0
57.5°	7.4	7.9	8.5	9.1	8.5	7.9	7.4	6.9	6.6	6.5	6.8
55°	11.0	12.0	12.9	13.7	12.9	12.0	11.0	10.2	9.3	8.6	9.2
52.5°	31.9	28.6	27.6	28.5	27.6	28.6	31.9	35.3	37.0	36.9	31.7
50°	180.5	184.1	188.6	193.8	188.6	184.1	180.5	175.4	165.4	151.0	130.6
47.5°	426.4	418.3	410.7	408.2	410.7	418.3	426.4	421.1	402.9	376.2	372.1
45°	808.3	748.8	718.5	736.6	718.5	748.8	808.3	873.3	808.5	708.3	627.7
42.5°	1631.4	1719.4	1788.3	1820.9	1788.3	1719.4	1631.4	1555.9	1415.1	1277.5	1122.1
40°	2045.3	2012.2	2029.9	2057.0	2029.9	2012.2	2045.3	2100.5	2065.2	2129.8	2096.7
37.5°	2517.8	2528.8	2449.3	2319.2	2449.3	2528.8	2517.8	2498.2	2538.3	2513.1	2472.9
35°	2747.0	2888.7	3154.0	3217.7	3154.0	2888.7	2747.0	2695.0	2670.5	2648.0	2615.1
32.5°	3033.9	3181.0	3226.1	3243.9	3226.1	3181.0	3033.9	2865.4	2798.6	2778.8	2763.9
30°	3376.9	3443.2	3426.6	3451.5	3426.6	3443.2	3376.9	3185.8	3037.8	2992.6	2953.3
27.5°	3752.4	3791.4	3778.7	3811.8	3778.7	3791.4	3752.4	3658.6	3446.2	3326.1	3212.0
25°	4722.2	5028.6	5012.7	5084.3	5012.7	5028.6	4722.2	4396.9	4006.0	3813.6	3595.4
22.5°	9566.1	10649.2	11297.8	11925.6	11297.8	10649.2	9566.1	7382.0	5587.9	4723.8	4178.1
20°	21374.2	24495.7	25175.1	24927.6	25175.1	24495.7	21374.2	16446.5	12001.4	6987.2	5391.5
17.5°	45880.4	58334.8	65022.1	65765.9	65022.1	58334.8	45880.4	31966.0	24903.9	15681.4	8790.5
15°	86344.0	108111.5	120470.6	121769.2	120470.6	108111.5	86344.0	65674.2	45667.0	30014.1	17483.3
12.5°	141151.6	175816.5	201264.6	204103.7	201264.6	175816.5	141151.6	109150.2	73117.9	48828.5	29277.4
10°	216225.3	263092.0	300152.6	309181.1	300152.6	263092.0	216225.3	162939.5	114947.8	71196.5	41142.2
7.5°	291156.5	344641.0	388258.7	398521.2	388258.7	344641.0	291156.5	220470.3	153601.1	99122.1	58072.2
5°	349732.6	418164.9	452972.6	464472.9	452972.6	418164.9	349732.6	272698.6	190114.7	123470.2	72511.7
2.5°	394382.1	458998.6	499861.8	516627.4	499861.8	458998.6	394382.1	312631.1	219911.0	141651.6	83805.4
0°	411617.8	474295.9	526333.0	558692.0	526333.0	474295.9	411617.8	328358.6	231514.7	149750.3	86902.2
-2.5°	404861.7	465209.9	509435.1	530425.8	509435.1	465209.9	404861.7	322449.9	227649.3	147821.6	88983.1
-5°	370707.3	431609.6	465803.4	476634.5	465803.4	431609.6	370707.3	292702.8	207944.4	136545.1	82865.1
-7.5°	313472.2	367079.7	407624.4	414891.9	407624.4	367079.7	313472.2	247806.4	174596.5	116039.8	71428.6
-10°	248445.7	294852.4	325782.6	331633.3	325782.6	294852.4	248445.7	192078.1	137341.2	90750.4	53887.7
-12.5°	176111.0	216874.3	241328.7	245841.1	241328.7	216874.3	176111.0	140155.5	100100.7	65321.3	41218.2
-15°	119676.2	145066.9	159888.5	161385.2	159888.5	145066.9	119676.2	93241.4	67177.5	45604.6	27274.8
-17.5°	74881.5	89984.5	99222.2	99307.9	99222.2	89984.5	74881.5	55054.9	42322.8	28190.8	16742.3
-20°	43352.0	50559.1	55727.3	55705.7	55727.3	50559.1	43352.0	32475.3	23989.5	15319.6	10662.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22587.0	26870.4	29986.8	29844.2	29986.8	26870.4	22587.0	16955.8	12466.8	9545.7	7727.2
-25°	11091.2	12731.1	13822.7	13737.4	13822.7	12731.1	11091.2	9327.7	7687.4	7480.2	7274.0
-27.5°	7516.5	7696.9	7821.5	7834.5	7821.5	7696.9	7516.5	7364.1	7187.2	7233.8	7305.2
-30°	7220.9	7262.2	7305.6	7316.8	7305.6	7262.2	7220.9	7233.2	7264.9	7280.5	7302.5
-32.5°	7292.3	7324.5	7372.2	7402.3	7372.2	7324.5	7292.3	7274.6	7269.0	7277.5	7297.3
-35°	7297.5	7334.9	7390.1	7414.9	7390.1	7334.9	7297.5	7274.8	7265.8	7269.4	7248.8
-37.5°	7263.5	7309.3	7356.6	7378.4	7356.6	7309.3	7263.5	7227.6	7199.6	7178.9	7059.8
-40°	7134.7	7181.4	7216.0	7218.8	7216.0	7181.4	7134.7	7084.3	7027.6	6919.9	6652.1
-42.5°	6921.2	6979.1	7005.8	7001.0	7005.8	6979.1	6921.2	6801.4	6621.4	6344.8	5855.9
-45°	6417.4	6622.5	6723.2	6747.9	6723.2	6622.5	6417.4	5993.5	5546.4	5066.4	4423.8
-47.5°	4860.8	5161.4	5354.2	5430.9	5354.2	5161.4	4860.8	4320.1	3853.5	3433.0	2898.2
-50°	2977.2	3005.1	3023.5	3033.0	3023.5	3005.1	2977.2	2854.4	2760.4	2698.3	2612.9
-52.5°	2660.8	2668.9	2673.2	2673.8	2673.2	2668.9	2660.8	2632.5	2598.5	2562.7	2528.1
-55°	2564.2	2580.2	2590.3	2592.9	2590.3	2580.2	2564.2	2523.1	2466.1	2405.1	2340.1
-57.5°	2311.7	2320.9	2331.1	2337.5	2331.1	2320.9	2311.7	2270.9	2209.1	2145.7	2074.3
-60°	2009.2	2017.6	2019.3	2013.6	2019.3	2017.6	2009.2	1978.1	1926.4	1867.3	1802.0
-62.5°	1720.4	1728.3	1736.0	1738.8	1736.0	1728.3	1720.4	1693.8	1645.1	1589.8	1528.1
-65°	1422.9	1426.9	1428.7	1425.3	1428.7	1426.9	1422.9	1401.2	1354.5	1303.4	1249.0
-67.5°	1124.4	1132.2	1143.1	1150.5	1143.1	1132.2	1124.4	1106.1	1067.3	1027.5	989.1
-70°	866.1	862.7	870.1	875.7	870.1	862.7	866.1	857.8	821.7	786.8	754.9
-72.5°	624.5	620.7	618.2	613.4	618.2	620.7	624.5	621.5	597.8	572.4	546.0
-75°	446.6	442.1	441.4	440.1	441.4	442.1	446.6	447.5	432.0	415.5	399.1
-77.5°	363.6	361.9	359.6	356.9	359.6	361.9	363.6	363.4	349.5	335.7	323.4
-80°	317.5	317.6	316.3	314.7	316.3	317.6	317.5	316.6	306.7	296.4	285.8
-82.5°	282.5	282.4	281.6	280.5	281.6	282.4	282.5	282.0	272.0	262.1	254.0
-85°	248.1	248.4	247.4	246.3	247.4	248.4	248.1	247.5	239.5	231.5	224.1
-87.5°	217.0	217.7	217.2	216.6	217.2	217.7	217.0	216.3	209.9	203.5	197.6
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	2.3	2.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	176.7	173.3	169.9	168.2	166.5	163.1	159.6	155.1	150.5	144.8	139.1
87.5°	2.3	2.8	3.3	3.3	3.4	3.4	3.4	3.4	3.4	4.0	4.6
85°	3.3	3.3	3.4	3.9	4.3	4.2	4.2	4.1	4.0	4.3	4.6
82.5°	3.4	3.9	4.3	4.4	4.6	4.6	4.6	4.8	4.9	4.8	4.8
80°	4.3	4.4	4.6	4.6	4.6	4.8	5.0	5.3	5.7	5.6	5.5
77.5°	3.8	4.3	4.7	4.9	5.0	5.4	5.7	5.7	5.8	6.2	6.3
75°	5.2	6.2	6.8	7.0	6.8	6.0	5.9	6.3	6.4	6.6	6.8
72.5°	16.1	14.9	14.2	13.7	12.6	12.2	11.6	10.7	9.5	7.9	6.8
70°	29.3	28.1	27.3	27.4	27.3	26.6	23.3	19.5	16.6	14.4	11.6
67.5°	35.6	37.1	38.7	39.7	39.1	38.8	35.9	31.9	30.5	27.8	20.2
65°	32.6	35.6	37.5	38.2	38.7	40.9	43.8	42.9	44.7	42.9	33.5
62.5°	23.3	27.2	29.4	31.2	31.6	33.6	39.3	45.4	54.5	57.0	46.2
60°	13.5	16.0	18.8	21.5	23.4	27.4	34.1	44.1	56.8	56.0	51.5
57.5°	8.6	10.5	13.2	15.4	16.1	20.9	28.1	40.5	53.3	52.9	46.4
55°	11.6	13.4	14.6	17.1	18.3	22.0	25.7	36.0	48.1	52.1	49.8
52.5°	22.6	30.4	32.8	29.8	29.6	31.3	33.4	41.6	48.9	54.8	56.9
50°	116.3	128.1	113.0	90.4	94.0	65.8	73.2	71.4	68.3	71.5	69.4
47.5°	356.0	329.3	303.0	279.5	250.3	216.7	209.0	161.5	156.8	116.6	116.3
45°	613.9	583.2	539.4	502.5	483.5	446.1	420.8	384.7	312.8	279.3	194.0
42.5°	1116.1	944.1	794.2	726.5	659.7	630.2	610.8	587.1	548.8	480.9	402.2
40°	1897.6	1694.6	1409.2	1043.5	885.0	780.3	743.6	735.5	716.2	679.6	596.4
37.5°	2457.9	2342.5	2055.9	1739.4	1311.9	1046.5	915.6	844.4	840.0	820.7	765.3
35°	2580.7	2545.8	2489.9	2259.7	1896.4	1676.2	1239.7	1026.1	940.6	925.2	906.6
32.5°	2742.4	2705.3	2655.7	2612.8	2519.4	2490.2	1949.5	1355.1	1076.5	1020.0	990.4
30°	2913.8	2889.7	2856.3	2841.5	2849.0	2838.5	2712.6	1957.0	1378.3	1111.8	1078.1
27.5°	3150.7	3084.9	3058.3	3083.8	3135.3	3165.3	3068.8	2695.5	1804.4	1362.6	1165.9
25°	3478.5	3379.6	3341.9	3399.1	3490.5	3527.2	3463.2	3217.9	2600.0	1697.8	1257.6
22.5°	3914.3	3836.2	3818.1	3938.8	3966.0	4004.4	3885.6	3738.5	3406.1	2203.8	1537.2
20°	4540.8	4359.5	4352.0	4377.4	4376.8	4358.4	4213.1	4080.5	3716.3	2854.6	1850.6
17.5°	5847.6	4880.2	4735.1	4685.4	4643.4	4541.2	4456.0	4251.4	3987.9	3404.1	2154.5
15°	8444.7	5970.9	5173.0	5060.7	4990.5	4879.7	4770.7	4534.6	4286.5	3744.5	2590.0
12.5°	16265.4	7658.7	5559.7	5300.6	5245.0	5157.1	5022.7	4907.9	4579.6	4052.0	3040.2
10°	22937.6	11109.2	6635.8	5579.4	5386.9	5266.9	5162.2	5046.0	4770.7	4329.8	3480.4
7.5°	31910.6	16217.4	7854.1	5860.3	5567.8	5367.1	5231.6	5115.9	4892.2	4448.0	3772.4
5°	39043.2	19905.7	8800.1	6136.7	5801.8	5562.9	5312.4	5189.0	4967.1	4492.9	3964.9
2.5°	43296.5	22280.1	9370.1	6295.5	5973.7	5819.7	5442.9	5260.8	4995.8	4523.5	4087.0
0°	45794.9	23454.4	9943.9	6378.4	6054.6	5962.2	5648.7	5328.3	4985.1	4533.5	4145.9
-2.5°	47760.5	24652.4	10231.9	6540.3	6179.4	6077.0	5881.3	5588.9	5042.6	4546.0	4180.5
-5°	45564.2	23454.4	10200.4	6640.3	6287.6	6188.4	6032.9	5759.1	5130.1	4573.5	4155.2
-7.5°	40244.5	20269.4	9597.4	6725.2	6401.9	6298.0	6136.2	5866.0	5310.2	4714.0	4096.8
-10°	31587.5	15473.5	8494.4	6805.3	6549.8	6413.8	6237.1	5897.1	5385.5	4824.9	3973.9
-12.5°	23213.0	11769.4	7458.4	6839.0	6721.4	6546.4	6328.1	5885.8	5431.9	4974.1	3892.6
-15°	15031.5	9306.1	7320.0	6960.9	6831.2	6635.3	6374.0	5855.5	5442.4	5065.0	3700.6
-17.5°	10603.1	7644.2	7133.8	7015.7	6872.9	6684.4	6294.7	5819.7	5396.4	4805.2	3305.5
-20°	7745.7	7368.8	7229.7	7095.5	6903.3	6689.8	6168.6	5752.2	5274.3	4270.6	2959.6



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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°	7376.2	7364.5	7354.3	7199.8	6992.3	6546.6	6061.9	5642.8	5093.4	3742.5	2623.1
-25°	7339.2	7397.6	7393.7	7286.7	6965.2	6446.6	5987.9	5454.3	4494.6	3283.2	2310.5
-27.5°	7348.7	7393.0	7398.5	7239.9	6847.8	6360.3	5862.8	5154.1	3757.9	2794.0	2300.2
-30°	7334.9	7365.1	7292.9	7057.9	6663.5	6209.7	5709.8	4370.9	3180.2	2420.9	2270.1
-32.5°	7312.5	7247.1	7100.2	6764.8	6407.0	6024.7	4894.2	3598.1	2638.3	2378.3	2246.0
-35°	7202.1	6995.8	6703.5	6412.5	6157.4	5164.8	3997.7	2916.0	2477.9	2331.8	2220.6
-37.5°	6861.2	6561.4	6257.5	5907.2	5092.0	4116.8	3065.3	2585.6	2408.4	2302.4	2150.3
-40°	6308.8	5991.4	5363.9	4682.3	3863.0	2939.1	2641.8	2483.0	2377.3	2237.8	2051.0
-42.5°	5266.8	4674.1	4075.9	3370.2	2769.4	2648.0	2529.9	2439.6	2308.6	2124.7	1919.6
-45°	3849.8	3305.6	2800.4	2713.7	2617.0	2547.0	2481.1	2344.9	2183.4	1980.5	1776.9
-47.5°	2736.4	2676.8	2610.1	2579.6	2538.6	2471.7	2339.0	2196.2	2010.3	1814.4	1626.1
-50°	2559.1	2541.2	2525.8	2492.6	2395.3	2286.0	2151.1	2009.3	1830.1	1649.4	1470.8
-52.5°	2485.6	2424.5	2360.5	2286.1	2182.0	2060.2	1933.7	1806.4	1649.7	1479.1	1310.6
-55°	2270.9	2198.2	2124.4	2035.7	1938.0	1833.5	1725.8	1599.3	1458.7	1300.5	1147.8
-57.5°	1998.0	1926.3	1864.7	1789.1	1701.4	1605.3	1497.7	1378.5	1260.3	1119.7	983.3
-60°	1733.7	1663.9	1609.5	1540.3	1457.3	1365.5	1267.5	1164.5	1055.4	954.7	849.2
-62.5°	1469.6	1411.0	1352.6	1287.1	1213.9	1134.8	1051.2	973.4	893.1	806.3	709.7
-65°	1196.6	1140.3	1087.5	1043.5	991.2	935.0	868.3	799.5	727.2	650.3	566.5
-67.5°	949.2	907.3	870.2	833.4	788.3	741.1	684.6	624.3	565.3	505.9	440.2
-70°	721.0	687.2	653.4	617.1	586.2	556.4	516.6	472.4	422.5	381.5	344.3
-72.5°	520.0	495.7	471.2	449.6	424.4	404.8	385.5	361.9	333.3	301.8	276.0
-75°	382.7	369.3	357.3	348.0	335.7	320.9	308.6	294.7	280.3	264.9	249.5
-77.5°	311.9	305.7	299.7	295.1	289.8	283.0	274.5	263.1	252.0	239.4	226.7
-80°	275.8	270.7	265.6	262.2	258.4	253.7	248.2	238.6	228.5	216.9	205.8
-82.5°	246.0	241.1	236.3	233.2	229.8	226.0	221.4	213.2	204.9	195.5	186.4
-85°	216.7	213.0	209.2	206.3	203.2	199.4	195.4	189.0	182.5	174.6	166.6
-87.5°	191.7	188.6	185.4	182.8	180.2	176.9	173.6	168.6	163.5	156.9	150.4
-90°	2.3	2.3	2.3	2.9	3.4	3.4	3.4	3.4	3.4	4.0	4.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	133.4	127.7	122.6	117.4	112.9	108.3	103.2	98.1	91.3	84.4	75.9
87.5°	4.6	4.6	4.9	5.2	5.2	5.2	5.4	5.7	5.7	5.7	5.9
85°	4.8	4.9	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0
82.5°	5.2	5.6	5.6	5.7	6.1	6.2	6.1	6.0	6.0	5.8	6.2
80°	5.6	5.8	6.0	6.1	6.4	6.8	6.6	6.5	6.6	6.6	6.6
77.5°	6.1	6.0	6.4	6.7	6.7	6.9	7.0	7.0	7.3	7.3	7.2
75°	6.8	6.7	6.7	6.9	7.0	7.0	7.4	7.6	7.9	8.0	7.7
72.5°	6.8	6.9	7.0	7.1	7.4	7.6	7.9	8.1	8.4	8.5	8.1
70°	8.9	7.6	7.6	7.8	8.0	8.3	8.5	8.8	8.8	8.9	8.7
67.5°	12.6	10.6	9.3	8.7	8.7	9.1	9.1	9.5	9.7	9.5	9.3
65°	24.6	17.0	11.3	10.7	9.9	10.0	10.2	10.5	10.5	10.6	9.9
62.5°	36.1	26.6	19.5	14.3	12.3	12.7	11.5	12.3	11.7	12.0	11.2
60°	47.2	36.6	28.6	22.7	18.3	16.5	15.7	14.3	14.1	13.5	12.8
57.5°	46.3	44.8	40.3	32.4	27.8	23.5	21.2	19.1	17.0	16.2	14.5
55°	45.6	45.6	50.5	45.6	40.0	33.5	29.5	25.6	21.1	19.6	16.6
52.5°	53.2	54.2	58.3	61.0	56.8	46.7	42.4	32.8	29.1	23.2	20.2
50°	66.1	71.9	72.7	79.1	75.7	69.0	56.8	46.9	37.7	28.4	24.1
47.5°	100.0	105.6	100.0	105.2	100.2	94.7	79.9	63.7	47.1	37.1	28.1
45°	191.8	160.1	155.0	146.1	134.6	128.1	108.1	82.1	64.0	46.8	32.3
42.5°	320.0	275.0	249.4	195.6	189.9	167.1	141.1	111.6	82.2	57.1	39.4
40°	499.9	432.9	372.7	311.7	258.7	211.2	183.3	145.1	101.6	70.4	48.8
37.5°	674.5	594.9	525.8	435.1	346.4	283.2	229.8	181.0	126.6	89.2	58.5
35°	819.8	745.5	652.8	555.5	462.4	356.6	279.5	221.1	160.1	109.1	68.5
32.5°	939.1	864.0	757.6	659.2	554.7	429.8	340.1	263.8	194.2	129.8	78.9
30°	1028.2	956.6	855.5	740.7	629.7	506.1	400.8	304.4	228.6	151.2	90.9
27.5°	1120.5	1051.7	950.4	823.4	694.4	571.7	450.7	342.9	263.2	173.3	106.7
25°	1212.8	1142.2	1048.4	915.0	759.3	623.2	496.0	379.4	296.1	196.3	121.7
22.5°	1293.4	1225.6	1146.0	1011.6	832.6	673.1	538.5	419.0	318.3	217.6	135.8
20°	1367.6	1296.5	1237.4	1093.5	912.2	732.9	580.0	449.8	339.0	237.0	148.9
17.5°	1473.5	1359.5	1285.1	1156.4	987.3	794.4	623.0	478.9	357.9	254.6	161.1
15°	1715.9	1421.4	1332.1	1211.8	1048.4	852.3	666.0	506.9	375.1	270.3	171.9
12.5°	1937.7	1480.0	1381.2	1259.3	1094.4	903.0	708.2	533.4	390.5	285.1	181.0
10°	2161.6	1536.9	1429.4	1305.2	1133.7	946.8	748.7	560.8	409.6	299.2	189.1
7.5°	2407.2	1592.7	1474.4	1349.1	1167.8	982.6	784.2	591.9	428.2	311.9	196.2
5°	2630.4	1644.1	1521.0	1398.2	1202.2	1010.9	814.5	620.5	445.1	323.0	202.2
2.5°	2786.6	1687.7	1567.0	1444.2	1231.9	1033.7	840.0	646.1	460.2	332.4	207.1
0°	2903.0	1726.3	1608.9	1484.6	1256.5	1051.3	860.9	668.2	473.2	339.8	210.9
-2.5°	2898.1	1758.7	1643.3	1523.6	1302.1	1077.0	874.4	679.8	486.8	350.2	218.6
-5°	2848.6	1787.2	1674.3	1556.4	1340.3	1097.1	883.5	687.6	497.9	358.4	225.0
-7.5°	2787.4	1819.1	1703.7	1583.0	1369.7	1110.6	888.0	691.7	506.4	364.3	230.0
-10°	2686.4	1850.5	1730.9	1595.7	1375.7	1118.6	889.5	692.4	512.0	367.9	233.5
-12.5°	2561.7	1879.2	1754.0	1600.9	1372.5	1122.4	895.4	691.6	514.2	369.0	235.3
-15°	2395.8	1917.5	1782.3	1599.4	1363.3	1121.0	894.9	686.8	510.1	366.3	235.3
-17.5°	2161.8	1946.2	1809.2	1593.9	1349.3	1114.5	887.3	676.6	503.0	359.5	232.8
-20°	2133.9	1972.8	1824.2	1576.7	1329.6	1100.6	872.4	660.8	492.8	350.5	228.4



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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°	2153.3	2002.9	1817.0	1547.7	1305.4	1080.1	851.1	639.8	479.5	339.1	222.5
-25°	2157.4	2031.7	1806.6	1532.0	1277.6	1051.5	826.1	619.1	463.0	325.5	215.0
-27.5°	2155.7	2026.5	1790.2	1498.9	1246.9	1016.2	798.5	604.5	449.5	309.7	206.1
-30°	2150.6	1972.1	1732.5	1450.7	1204.5	976.5	766.4	586.4	434.3	297.0	195.6
-32.5°	2120.9	1911.2	1658.3	1396.1	1154.2	931.7	730.9	564.3	415.8	286.4	189.1
-35°	2043.0	1828.4	1582.5	1333.2	1098.6	888.4	696.1	538.3	394.0	273.1	183.5
-37.5°	1957.9	1725.7	1505.6	1264.5	1037.6	839.8	663.9	510.0	368.9	257.1	177.1
-40°	1834.5	1613.7	1404.2	1187.5	975.1	785.5	626.6	478.3	346.2	238.6	169.2
-42.5°	1705.1	1496.3	1297.0	1096.8	908.0	736.5	584.6	442.3	321.9	224.5	159.7
-45°	1573.9	1375.2	1185.2	1007.5	836.2	681.8	539.1	403.4	294.4	211.9	152.5
-47.5°	1435.4	1250.6	1076.1	912.1	768.1	621.7	486.5	368.7	264.1	197.4	149.5
-50°	1292.5	1123.4	965.6	823.3	690.4	556.7	431.7	330.2	245.2	181.0	146.1
-52.5°	1148.1	995.0	860.0	734.4	609.0	485.9	382.0	289.3	224.4	172.5	142.1
-55°	1000.7	876.2	758.9	641.0	523.6	422.4	329.0	261.7	201.8	167.0	137.8
-57.5°	872.8	763.6	652.5	542.8	445.8	358.5	288.2	232.8	190.9	160.9	135.0
-60°	746.5	643.9	541.2	453.9	371.9	305.0	254.3	209.1	183.0	154.8	131.8
-62.5°	615.2	524.0	444.8	369.0	311.7	264.6	223.3	198.3	174.1	150.3	128.2
-65°	492.0	419.1	351.4	307.9	265.1	229.8	210.0	187.0	166.7	145.3	124.2
-67.5°	374.4	334.2	294.1	255.1	232.5	214.2	195.8	177.6	159.5	139.9	120.0
-70°	307.1	271.2	248.1	231.3	214.8	198.6	184.5	168.8	151.9	134.5	115.4
-72.5°	259.2	242.7	226.9	211.8	199.0	186.1	173.4	159.7	144.8	128.9	110.6
-75°	234.0	220.6	208.6	196.7	184.9	173.2	162.7	151.1	137.3	122.9	105.6
-77.5°	214.4	202.7	192.0	181.7	171.7	162.0	152.4	142.1	129.5	116.4	100.4
-80°	195.8	186.0	176.7	167.5	159.0	150.6	141.6	132.4	121.1	109.6	94.8
-82.5°	178.0	169.6	161.1	152.6	145.1	137.5	130.0	122.4	112.4	102.5	89.6
-85°	159.5	152.4	144.8	137.2	130.7	124.1	118.8	113.2	105.0	96.6	85.2
-87.5°	144.5	138.6	132.6	126.5	121.4	116.3	111.1	105.7	98.2	90.6	80.6
-90°	4.6	4.6	4.6	4.6	4.6	4.6	5.2	5.7	5.7	5.7	5.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	67.3	55.9	44.5	31.3	18.2	11.9	5.7
87.5°	6.0	5.9	5.9	5.9	5.9	5.9	5.7
85°	6.3	6.2	6.1	6.1	6.1	6.0	5.7
82.5°	6.6	6.4	6.3	6.4	6.3	6.2	5.7
80°	6.8	6.6	6.5	6.6	6.5	6.3	5.7
77.5°	7.2	6.9	6.7	6.8	6.7	6.5	5.7
75°	7.5	7.3	7.0	7.1	6.9	6.6	5.7
72.5°	7.9	7.7	7.4	7.3	7.1	6.8	5.7
70°	8.3	8.1	7.8	7.6	7.4	6.9	5.7
67.5°	8.9	8.6	8.2	7.9	7.6	7.1	5.7
65°	9.6	9.1	8.6	8.2	7.8	7.2	5.7
62.5°	10.3	9.8	9.0	8.5	8.1	7.4	5.7
60°	11.1	10.5	9.4	8.8	8.3	7.5	5.7
57.5°	12.9	11.2	10.1	9.1	8.6	7.6	5.7
55°	15.1	11.9	11.0	9.4	9.0	7.8	5.7
52.5°	17.3	12.9	11.8	9.7	9.3	7.9	5.7
50°	19.8	15.3	12.7	9.9	9.7	8.1	5.7
47.5°	22.5	17.8	13.7	10.3	10.1	8.2	5.7
45°	26.1	20.3	14.7	11.1	10.6	8.4	5.7
42.5°	29.8	23.0	15.8	11.9	11.0	8.5	5.7
40°	33.8	25.7	17.4	13.0	11.5	8.7	5.7
37.5°	38.0	28.5	19.6	14.4	12.1	8.8	5.7
35°	42.4	31.8	21.7	15.8	12.6	8.9	5.7
32.5°	48.1	35.3	23.9	17.2	13.1	9.1	5.7
30°	56.5	38.8	26.0	18.7	13.7	9.2	5.7
27.5°	64.9	42.2	28.8	20.2	14.3	9.3	5.7
25°	73.1	45.7	31.5	21.8	14.9	9.4	5.7
22.5°	81.2	49.2	34.2	23.3	15.5	9.5	5.7
20°	89.0	52.9	36.8	24.9	16.1	9.7	5.7
17.5°	96.1	56.4	39.3	26.5	16.7	9.8	5.7
15°	102.5	59.8	41.7	28.0	17.3	9.9	5.7
12.5°	108.4	63.1	44.0	29.6	17.9	9.9	5.7
10°	113.6	66.1	46.1	31.1	18.5	10.0	5.7
7.5°	118.3	69.0	48.2	32.5	19.0	10.1	5.7
5°	122.4	71.7	50.1	33.9	19.5	10.2	5.7
2.5°	125.9	74.1	51.9	35.3	20.0	10.2	5.7
0°	128.8	76.4	53.6	36.5	20.5	10.3	5.7
-2.5°	132.9	79.6	55.9	38.1	21.6	10.7	5.7
-5°	136.4	82.5	58.2	39.6	22.6	11.2	5.7
-7.5°	139.2	85.2	60.2	41.0	23.6	11.6	5.7
-10°	141.4	87.6	62.1	42.3	24.5	12.0	5.7
-12.5°	142.8	89.8	63.8	43.5	25.4	12.4	5.7
-15°	143.5	91.6	65.4	44.7	26.2	12.8	5.7
-17.5°	143.5	93.2	66.8	45.6	27.0	13.1	5.7
-20°	142.9	94.5	68.0	46.5	27.7	13.4	5.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	141.8	95.5	69.0	47.3	28.3	13.8	5.7
-25°	139.9	96.3	69.7	48.0	28.8	14.0	5.7
-27.5°	137.1	97.0	70.3	48.5	29.3	14.3	5.7
-30°	133.5	97.3	70.8	48.9	29.7	14.5	5.7
-32.5°	129.0	97.3	71.3	49.3	30.0	14.8	5.7
-35°	127.2	97.0	71.6	49.5	30.3	14.9	5.7
-37.5°	126.5	96.6	71.8	49.5	30.4	15.1	5.7
-40°	125.4	96.6	71.8	49.5	30.5	15.2	5.7
-42.5°	123.8	96.3	71.7	49.4	30.5	15.3	5.7
-45°	121.9	95.8	71.6	49.4	30.4	15.4	5.7
-47.5°	119.4	95.0	71.4	49.2	30.2	15.4	5.7
-50°	117.9	94.0	70.9	49.0	29.9	15.4	5.7
-52.5°	116.2	92.8	70.3	48.6	29.6	15.4	5.7
-55°	114.2	91.5	69.5	48.1	29.1	15.3	5.7
-57.5°	111.9	90.0	68.5	47.5	28.6	15.3	5.7
-60°	109.4	88.2	67.3	46.7	28.1	15.1	5.7
-62.5°	106.7	86.2	66.0	45.8	27.6	15.0	5.7
-65°	103.6	83.9	64.6	44.8	27.0	14.8	5.7
-67.5°	100.2	81.4	62.9	43.7	26.4	14.6	5.7
-70°	96.6	78.7	61.0	42.4	25.7	14.4	5.7
-72.5°	92.9	75.9	59.0	41.3	25.0	14.2	5.7
-75°	89.0	72.8	56.9	40.2	24.2	13.9	5.7
-77.5°	84.9	69.6	55.0	38.9	23.3	13.6	5.7
-80°	80.6	66.9	53.2	37.6	22.3	13.3	5.7
-82.5°	77.4	64.3	51.2	36.1	21.4	13.0	5.7
-85°	74.1	61.6	49.1	34.6	20.3	12.7	5.7
-87.5°	70.8	58.8	46.8	33.0	19.3	12.3	5.7
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7

(END OF REPORT)