

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: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-7F-CV2-A**

Issue Date: 2/3/2026

**Test Information**

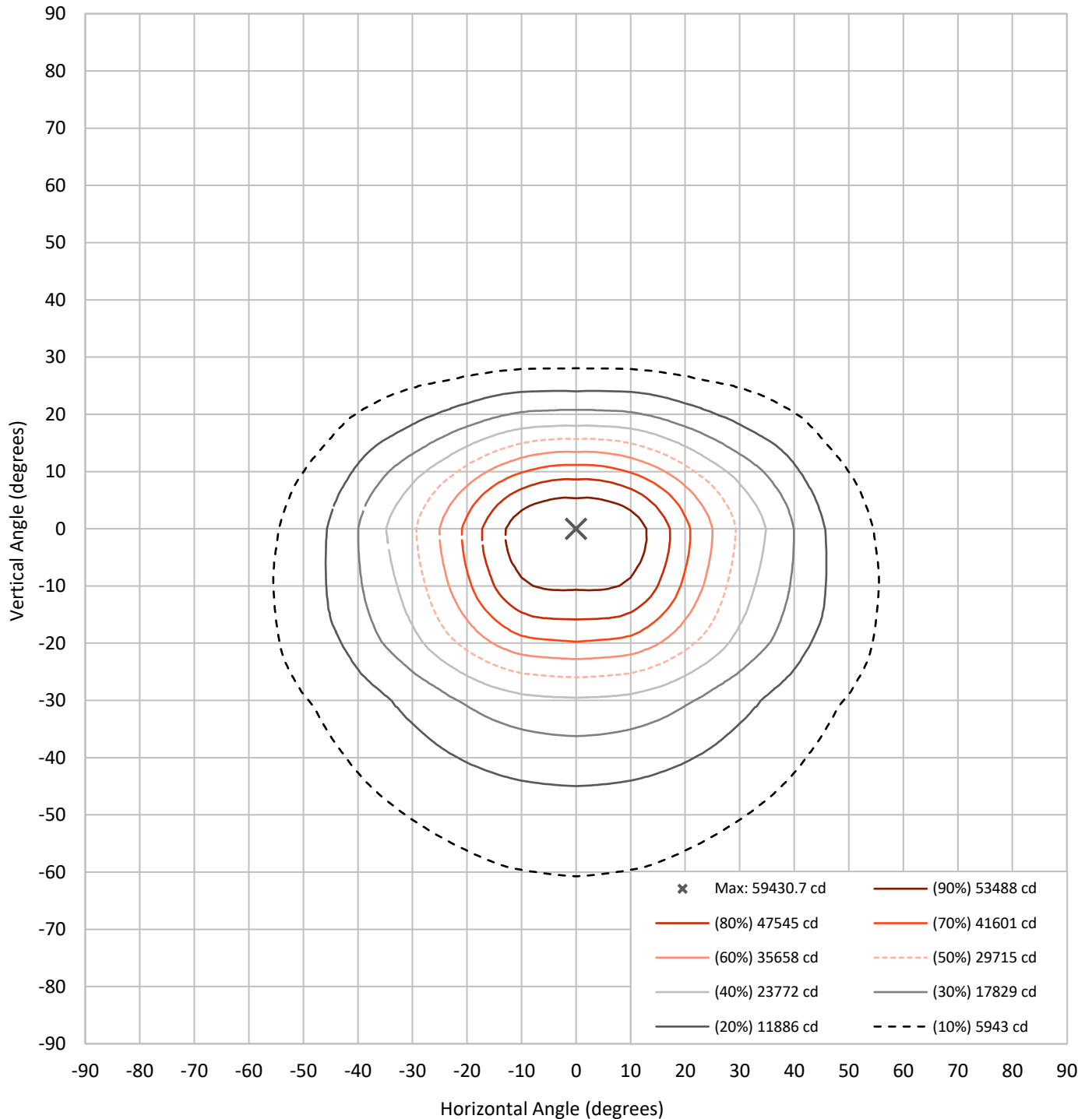
Test Method: LM-79-08  
Report Number: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680R-57-70-7F-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	51994.9 lumens	Max Intensity:	59430.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	25206.6 lumens	Field Lumens:	47223.6 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
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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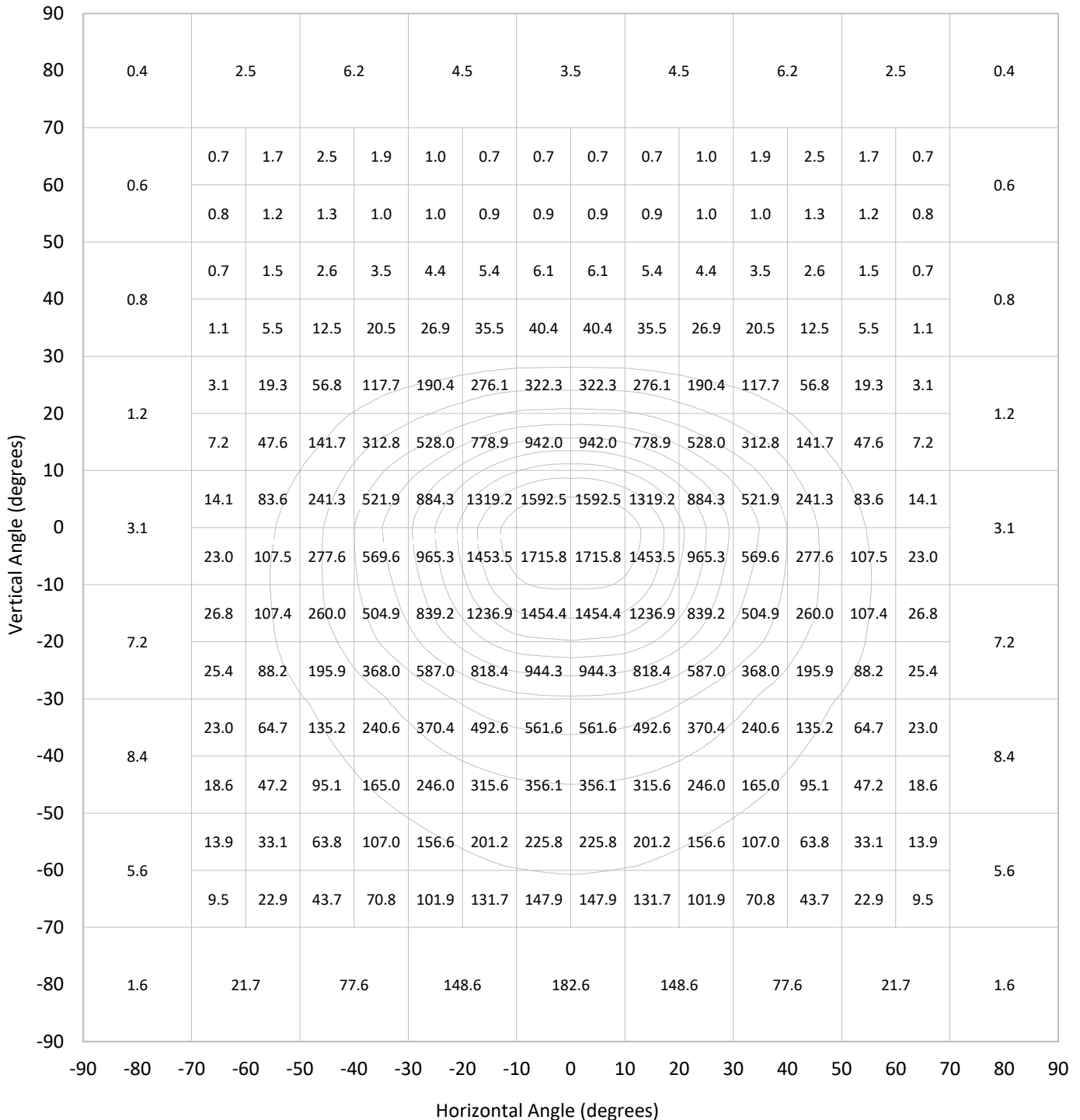
### Iso-Candela Plot





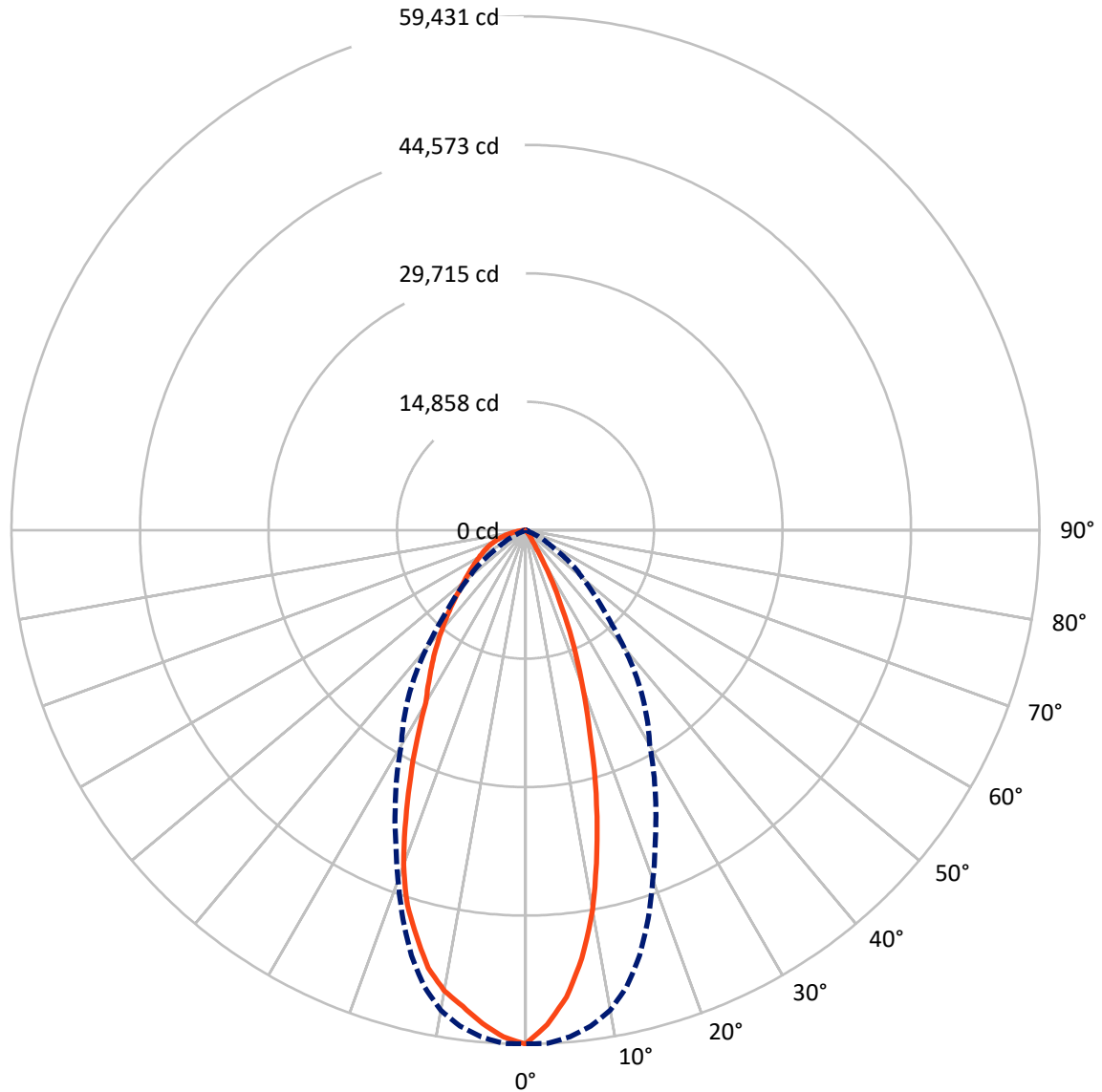
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### Lumen Table



REPORT NUMBER: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)  
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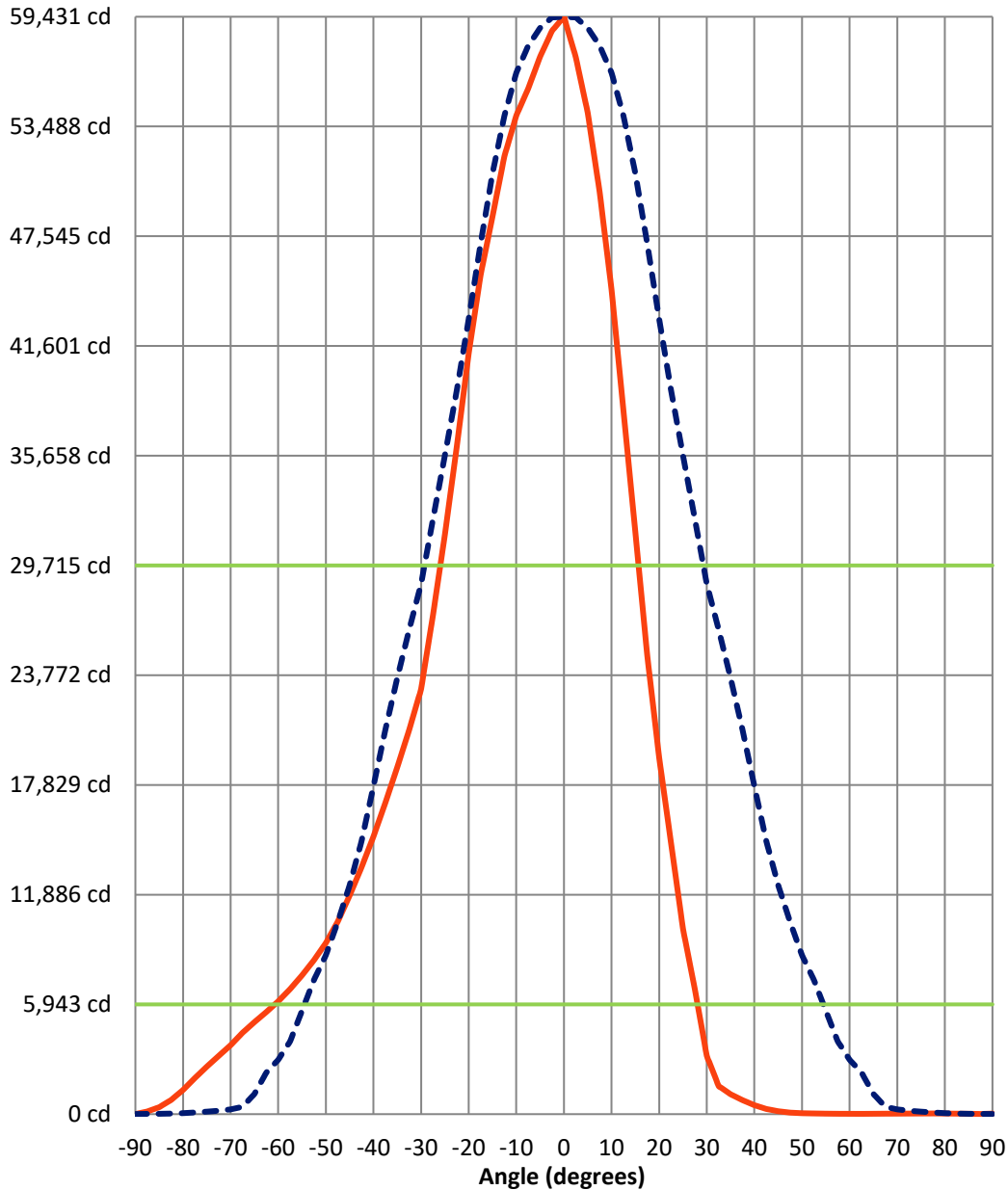
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 58.6°  
 V Angle: 41.6°  
 Lumens: 25206.6  
 Efficiency: 48.5%

**Field:**  
 H Angle: 109°  
 V Angle: 88.8°  
 Lumens: 47223.6  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 4771.3  
 Efficiency: 9.2%

— 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°	8.3	9.4	10.4	10.9	11.5	12.0	12.5	13.0	13.6	14.1	14.6
87.5°	8.3	8.6	9.0	9.6	10.3	11.1	12.1	12.4	12.6	12.7	12.7
85°	8.3	8.9	9.8	10.9	12.3	14.0	15.9	16.5	16.9	17.2	17.2
82.5°	8.3	9.3	10.5	12.2	14.3	16.8	19.6	20.6	21.3	22.7	25.4
80°	8.3	9.6	11.2	13.4	16.2	19.5	22.9	23.5	25.7	29.7	35.5
77.5°	8.3	9.9	11.9	14.7	18.1	21.3	23.3	25.5	29.8	36.4	43.2
75°	8.3	10.2	12.6	15.9	19.6	21.4	23.7	27.3	33.3	38.9	44.5
72.5°	8.3	10.5	13.3	17.1	19.5	21.4	23.9	28.6	34.3	40.0	45.7
70°	8.3	10.8	14.0	18.0	19.4	21.4	24.2	29.3	35.2	41.0	47.5
67.5°	8.3	11.1	14.6	17.7	19.2	21.4	25.1	30.0	36.0	42.7	49.4
65°	8.3	11.4	15.2	17.5	19.0	21.7	25.9	30.6	37.4	44.2	51.8
62.5°	8.3	11.6	15.8	17.2	18.7	22.4	26.7	31.6	38.6	46.0	55.5
60°	8.3	11.9	16.4	16.9	18.4	23.2	27.5	32.6	39.8	49.1	59.1
57.5°	8.3	12.2	16.3	16.6	19.0	23.9	28.7	33.7	41.9	51.9	60.8
55°	8.3	12.4	16.2	16.3	19.6	24.5	30.1	35.1	44.2	54.2	61.8
52.5°	8.3	12.6	16.1	15.9	20.1	25.3	31.4	37.5	46.2	55.3	62.9
50°	8.3	12.9	16.0	15.5	20.6	26.4	32.8	39.9	47.8	56.4	61.2
47.5°	8.3	13.1	16.0	15.3	21.1	27.6	34.2	42.4	48.8	57.5	59.3
45°	8.3	13.3	16.0	15.7	21.6	28.7	36.4	44.9	51.4	56.3	57.8
42.5°	8.3	13.5	16.0	16.0	22.0	29.8	38.5	47.5	54.4	55.1	56.1
40°	8.3	13.6	16.0	16.7	22.7	30.9	40.5	50.3	57.3	54.6	54.9
37.5°	8.3	13.8	16.1	17.5	23.5	32.0	42.6	53.4	59.8	57.9	54.3
35°	8.3	14.0	16.2	18.4	24.3	33.4	44.5	56.7	63.1	62.5	58.3
32.5°	8.3	14.1	16.3	19.4	25.0	34.9	46.7	60.2	67.0	68.4	74.9
30°	8.3	14.2	16.4	20.3	25.7	36.4	49.4	63.7	71.6	75.5	91.9
27.5°	8.3	14.3	16.6	21.3	27.8	37.7	52.1	67.3	77.1	83.9	109.2
25°	8.3	14.4	16.7	22.3	30.1	39.0	54.8	71.2	83.7	96.7	128.5
22.5°	8.3	14.5	16.9	23.3	32.5	41.4	57.5	75.3	91.0	111.4	190.6
20°	8.3	14.6	17.1	24.2	34.9	46.6	60.2	79.7	98.8	126.1	256.4
17.5°	8.3	14.6	17.3	25.2	37.5	52.1	67.2	84.3	106.9	140.5	324.5
15°	8.3	14.6	17.5	26.2	40.0	57.8	77.0	93.5	115.4	154.6	393.7
12.5°	8.3	14.7	17.8	27.2	42.6	63.6	87.0	108.8	133.0	168.3	462.6
10°	8.3	14.7	18.0	28.1	45.1	69.4	97.0	124.4	158.0	209.7	553.3
7.5°	8.3	14.7	18.2	29.0	47.6	75.3	107.0	140.1	183.5	256.4	694.4
5°	8.3	14.7	18.4	29.8	49.9	81.0	116.9	155.6	209.1	303.9	834.7
2.5°	8.3	14.6	18.6	30.6	52.2	86.5	126.4	170.9	234.3	350.9	970.0
0°	8.3	14.6	18.8	31.3	54.3	91.8	135.6	185.7	258.7	396.5	1095.5
-2.5°	8.3	14.9	20.2	35.9	64.9	111.5	170.8	243.8	350.2	544.3	1289.4
-5°	8.3	15.1	21.5	40.4	75.1	130.6	204.9	300.3	439.1	686.9	1466.5
-7.5°	8.3	15.4	22.8	44.7	85.0	148.8	237.7	354.6	524.1	821.4	1624.4
-10°	8.3	15.6	24.0	48.8	94.3	166.1	268.5	405.7	603.8	945.3	1760.8
-12.5°	8.3	15.8	25.2	52.6	102.9	182.0	296.9	452.9	677.0	1051.7	1812.4
-15°	8.3	16.0	26.3	56.1	110.8	196.6	322.5	495.5	741.2	1116.8	1820.5
-17.5°	8.3	16.1	27.3	59.2	117.8	209.4	345.0	536.1	796.4	1172.4	1817.5
-20°	8.3	16.3	28.2	61.9	123.8	220.5	367.0	574.0	844.2	1218.3	1804.9



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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°	8.3	16.4	29.1	64.1	128.8	229.5	390.3	606.3	884.0	1253.8	1783.9
-25°	8.3	16.4	29.8	65.8	132.6	241.3	409.7	632.8	915.3	1278.8	1755.6
-27.5°	8.3	16.5	30.4	67.0	135.2	252.6	424.8	652.9	937.7	1299.4	1773.4
-30°	8.3	16.5	30.8	67.6	137.0	261.1	435.4	666.5	956.3	1321.1	1780.6
-32.5°	8.3	16.5	31.2	67.7	141.2	266.6	441.4	677.0	969.5	1330.7	1774.3
-35°	8.3	16.5	31.3	67.1	143.7	269.1	446.2	682.2	973.4	1327.9	1754.7
-37.5°	8.3	16.4	31.4	65.9	144.5	269.7	447.9	680.6	968.1	1312.6	1669.0
-40°	8.3	16.4	31.3	64.1	143.6	269.8	445.0	672.3	953.4	1294.1	1583.2
-42.5°	8.3	16.2	31.1	62.4	142.3	267.2	437.4	657.3	934.4	1231.8	1491.8
-45°	8.3	16.1	30.7	61.2	140.9	261.7	425.3	638.6	909.0	1160.2	1397.7
-47.5°	8.3	15.9	30.2	59.3	138.1	253.4	408.5	617.9	874.1	1085.1	1313.8
-50°	8.3	15.7	29.5	58.7	133.8	242.3	392.9	591.0	812.9	1016.3	1226.1
-52.5°	8.3	15.5	28.7	58.1	128.0	228.6	374.3	558.0	755.5	944.5	1136.0
-55°	8.3	15.2	27.7	56.8	120.8	216.9	351.9	520.3	698.1	869.9	1053.4
-57.5°	8.3	14.9	26.6	54.8	112.3	204.0	325.9	485.9	638.0	799.8	968.0
-60°	8.3	14.6	25.4	52.1	102.6	189.0	297.3	442.8	577.2	729.0	882.8
-62.5°	8.3	14.3	24.5	48.9	95.8	172.1	273.3	395.3	520.6	655.6	800.8
-65°	8.3	13.9	23.5	45.1	87.8	153.3	246.6	348.6	461.1	584.4	716.0
-67.5°	8.3	13.5	22.4	40.7	78.9	135.5	217.5	307.6	398.9	511.4	630.5
-70°	8.3	13.1	21.3	35.9	69.0	118.9	186.2	264.5	345.5	435.4	542.5
-72.5°	8.3	12.7	20.0	32.8	58.3	100.9	158.3	219.5	290.0	368.2	453.6
-75°	8.3	12.2	18.8	30.0	46.8	81.7	129.5	178.8	232.6	298.7	371.2
-77.5°	8.3	11.8	17.5	27.0	40.4	61.6	99.2	138.9	182.4	230.4	286.3
-80°	8.3	11.3	16.1	24.0	34.9	48.7	67.7	98.1	131.9	169.4	210.4
-82.5°	8.3	10.8	14.7	20.8	29.2	39.8	52.6	64.8	80.4	107.1	136.5
-85°	8.3	10.3	13.3	17.6	23.3	30.6	39.4	47.7	56.9	67.0	77.8
-87.5°	8.3	9.9	11.9	14.3	17.4	21.3	26.0	30.4	35.3	40.6	46.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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 CATALOG NUMBER: EPH-08-680R-57-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15.1	15.7	16.2	16.7	17.2	17.8	18.3	18.8	19.9	20.9	22.0
87.5°	13.4	14.1	14.8	15.5	14.2	12.7	11.0	9.2	9.7	10.2	10.8
85°	18.5	19.8	21.6	23.0	22.0	21.1	20.4	20.0	21.1	22.0	22.7
82.5°	27.9	29.8	30.9	31.5	32.1	33.1	34.9	38.6	40.9	42.3	42.9
80°	38.4	39.8	41.0	43.9	48.8	54.8	61.5	68.9	71.0	70.6	69.2
77.5°	44.9	47.5	52.5	59.6	67.8	76.2	85.4	95.5	98.1	96.8	94.8
75°	48.7	54.6	62.7	72.8	83.5	94.7	106.7	117.6	120.3	116.8	112.5
72.5°	52.1	60.6	71.5	84.6	97.0	108.6	120.7	133.4	138.3	132.4	124.7
70°	55.0	65.8	79.0	93.2	107.3	119.6	131.5	145.2	154.0	143.0	126.0
67.5°	57.6	71.1	85.6	100.2	112.2	124.4	138.8	144.7	147.9	130.3	112.1
65°	61.6	76.0	89.0	101.2	113.8	119.8	124.5	129.0	127.1	107.2	87.9
62.5°	65.4	77.2	89.2	99.0	103.0	106.7	106.0	101.8	95.3	82.9	67.8
60°	66.8	76.8	85.6	89.8	91.2	87.9	82.9	79.0	73.5	62.9	52.9
57.5°	67.6	73.4	78.3	79.6	75.8	70.6	68.6	63.2	59.1	52.4	43.4
55°	67.0	67.9	70.3	67.5	64.4	62.5	59.4	57.7	52.0	45.7	39.0
52.5°	64.2	63.2	61.1	59.8	60.6	60.2	59.2	56.2	51.0	44.6	40.9
50°	61.7	58.0	54.6	59.3	63.5	67.0	61.6	58.3	58.1	55.1	49.1
47.5°	58.5	53.6	56.6	63.7	75.8	80.3	72.7	72.6	75.0	80.9	73.6
45°	55.7	57.4	62.1	80.0	94.8	101.6	102.7	94.6	114.6	121.2	119.2
42.5°	53.6	65.4	86.8	99.4	123.1	137.7	143.5	155.4	167.3	181.8	185.5
40°	61.4	75.9	124.0	145.3	160.1	185.0	215.3	234.9	238.6	260.7	270.6
37.5°	71.6	118.2	174.9	211.6	210.6	254.0	299.3	346.8	373.6	352.6	401.0
35°	83.1	167.9	248.1	301.7	315.2	342.1	422.0	512.9	600.7	549.3	574.4
32.5°	117.5	224.8	333.8	415.8	495.4	513.5	563.1	809.3	968.8	971.4	843.1
30°	173.7	304.9	436.0	547.9	732.1	816.6	895.6	1201.6	1469.7	1642.3	1678.9
27.5°	244.3	396.5	561.0	762.4	1023.4	1176.0	1431.9	1760.5	2182.3	2498.1	2716.4
25°	323.5	538.1	697.5	1033.6	1371.2	1651.3	2010.6	2462.8	3054.5	3560.7	4033.3
22.5°	425.4	702.6	914.2	1337.4	1756.6	2165.3	2664.2	3314.4	4067.2	4725.5	5395.2
20°	553.5	889.3	1196.8	1712.3	2194.7	2686.7	3326.9	4230.9	5183.9	6114.5	6983.6
17.5°	692.3	1086.1	1513.3	2140.6	2793.3	3349.6	4019.9	5182.8	6359.9	7638.0	8903.7
15°	838.4	1289.9	1827.0	2607.8	3436.0	4193.4	5079.9	6264.7	7664.3	9303.7	10936.5
12.5°	988.4	1497.5	2134.9	3102.3	4106.3	5052.6	6181.4	7533.2	9140.1	11084.3	13064.3
10°	1138.7	1705.2	2433.4	3611.1	4791.3	5915.9	7255.1	8757.9	10595.2	12779.9	15019.6
7.5°	1410.9	1978.2	2743.1	4120.2	5476.6	6770.7	8291.6	9930.4	11973.3	14402.0	16851.6
5°	1701.7	2314.5	3165.5	4654.1	6123.8	7520.8	9223.7	11039.7	13263.6	15929.5	18585.8
2.5°	1984.2	2638.0	3568.5	5152.8	6718.9	8092.8	9850.4	11760.0	14115.3	16996.1	19903.2
0°	2249.4	2946.4	3948.0	5604.8	7265.8	8609.6	10406.3	12401.1	14788.3	17759.7	20818.8
-2.5°	2489.0	3228.3	4267.4	5881.3	7434.7	8737.5	10546.9	12547.4	14908.5	17762.5	20590.5
-5°	2699.7	3491.0	4556.8	6112.2	7560.8	8822.3	10613.6	12606.4	14921.9	17634.8	20275.2
-7.5°	2879.1	3732.9	4814.3	6278.3	7628.0	8890.3	10627.8	12585.4	14843.1	17402.6	19902.9
-10°	2998.9	3832.6	4830.4	6235.2	7609.6	8917.6	10579.2	12484.6	14658.4	17073.1	19441.4
-12.5°	2921.5	3795.6	4773.0	6139.1	7546.1	8882.3	10466.0	12307.8	14371.5	16664.9	18896.3
-15°	2833.8	3734.4	4679.4	5988.5	7437.7	8780.0	10291.5	12059.2	13879.1	15996.7	18198.4
-17.5°	2740.3	3647.9	4548.4	5781.8	7285.0	8607.4	9968.4	11403.5	13073.3	15150.2	17325.1
-20°	2645.3	3535.2	4379.2	5518.3	7075.2	8168.6	9282.5	10616.7	12199.9	14133.4	16310.6



REPORT NUMBER: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-57-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2552.5	3395.7	4200.7	5286.6	6516.2	7548.0	8554.5	9755.1	11192.9	12942.5	14850.5
-25°	2482.6	3251.1	4027.9	4908.0	5928.7	6917.5	7773.3	8837.6	10145.6	11642.2	13151.6
-27.5°	2428.4	3122.8	3783.3	4534.4	5376.4	6281.9	7041.9	7955.7	9187.3	10386.0	11551.0
-30°	2370.7	2953.1	3535.6	4189.9	4934.2	5685.0	6344.5	7236.2	8332.1	9366.4	10293.7
-32.5°	2259.2	2773.7	3318.6	3908.4	4532.4	5151.0	5841.1	6686.0	7601.8	8491.3	9235.2
-35°	2127.1	2605.4	3109.6	3630.1	4157.4	4755.4	5442.8	6167.5	6942.5	7746.6	8594.4
-37.5°	2016.4	2430.1	2894.5	3372.3	3859.2	4416.2	5031.2	5696.6	6383.7	7102.8	7932.7
-40°	1897.4	2248.4	2690.2	3132.8	3580.9	4082.1	4647.3	5237.6	5853.3	6534.3	7252.6
-42.5°	1773.4	2107.7	2486.0	2888.6	3308.9	3757.9	4249.6	4798.4	5364.3	5962.5	6604.1
-45°	1666.6	1959.7	2284.5	2659.6	3033.5	3430.6	3874.9	4353.1	4884.2	5416.7	5975.1
-47.5°	1554.3	1812.6	2114.2	2426.9	2770.4	3122.4	3494.3	3944.8	4403.5	4891.7	5375.5
-50°	1442.3	1684.1	1937.2	2225.4	2519.9	2828.5	3154.7	3557.3	3978.3	4388.8	4813.0
-52.5°	1341.9	1550.3	1787.9	2032.6	2295.1	2562.8	2865.2	3215.6	3586.4	3951.9	4329.6
-55°	1237.9	1433.2	1642.3	1862.8	2088.0	2326.0	2604.5	2916.6	3221.5	3561.7	3899.7
-57.5°	1139.5	1319.7	1509.8	1704.3	1906.7	2112.4	2380.4	2639.9	2923.1	3205.4	3498.7
-60°	1043.2	1210.0	1384.5	1560.9	1736.3	1942.5	2170.1	2411.6	2652.7	2892.8	3167.0
-62.5°	945.8	1105.3	1264.3	1424.3	1587.2	1778.5	1995.3	2208.2	2413.6	2642.3	2875.0
-65°	852.9	998.3	1148.4	1296.2	1440.9	1626.3	1821.7	2023.1	2222.9	2414.8	2612.5
-67.5°	756.4	888.9	1027.3	1169.5	1308.7	1469.5	1644.1	1827.4	2013.8	2190.4	2371.5
-70°	655.0	774.6	899.3	1028.4	1163.3	1306.6	1455.9	1616.4	1781.4	1937.5	2095.1
-72.5°	549.4	653.1	763.5	880.3	997.5	1120.5	1251.2	1389.2	1524.2	1655.0	1791.2
-75°	446.8	528.0	620.3	718.7	818.6	922.4	1031.7	1144.1	1252.6	1358.9	1468.3
-77.5°	345.9	410.2	480.2	555.6	630.4	711.0	796.5	886.2	970.6	1053.3	1137.2
-80°	249.5	289.9	341.0	396.8	453.2	510.7	569.7	630.0	683.9	740.5	801.6
-82.5°	164.3	193.3	223.8	255.6	287.6	320.6	356.5	399.0	434.6	469.8	505.2
-85°	86.7	95.8	114.1	133.4	152.2	171.7	191.9	212.6	231.1	248.7	265.4
-87.5°	51.0	55.8	60.7	65.7	69.9	74.0	78.1	82.2	87.9	93.6	99.3
-90°	8.3	8.3	8.3	8.3	7.8	7.3	6.8	6.3	6.3	6.3	6.3



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	23.0	24.0	25.1	26.1	27.1	27.6	28.2	28.7	29.2	29.7	30.3
87.5°	11.4	11.1	10.8	10.4	10.0	12.5	15.0	17.6	20.3	18.5	16.5
85°	23.2	23.1	22.9	22.7	22.3	25.7	29.3	32.9	36.4	33.3	29.9
82.5°	42.7	41.9	40.4	38.4	35.8	35.4	34.8	33.6	32.0	30.6	29.3
80°	67.2	64.1	60.1	55.2	49.7	46.7	43.8	40.6	37.1	36.0	35.2
77.5°	91.0	84.9	77.8	70.1	61.8	56.6	51.9	47.0	41.8	40.3	39.4
75°	107.5	99.9	89.3	78.1	66.4	58.5	52.6	46.8	41.1	39.1	37.9
72.5°	115.2	103.9	90.9	75.9	61.5	52.1	46.3	41.0	36.0	34.0	33.0
70°	109.3	93.4	78.6	64.3	50.9	42.0	37.8	34.2	31.2	29.7	28.8
67.5°	93.2	77.0	62.9	50.4	40.0	33.2	30.9	28.8	26.9	25.9	25.5
65°	72.2	59.7	48.8	39.9	32.9	28.2	26.4	24.7	23.0	21.9	21.6
62.5°	54.8	45.0	38.0	32.4	28.0	24.8	23.5	22.4	21.4	20.8	20.3
60°	43.8	35.7	31.3	28.3	25.6	23.4	23.0	22.8	22.5	22.1	21.3
57.5°	37.5	32.5	29.2	28.5	27.3	25.8	25.4	25.2	24.4	22.9	22.2
55°	35.8	34.6	33.2	33.8	33.8	32.5	30.6	29.3	28.1	27.0	27.1
52.5°	39.9	42.6	44.0	43.9	41.8	38.7	35.1	35.6	36.3	36.8	37.5
50°	53.3	56.6	56.6	52.0	51.7	49.9	45.6	47.6	50.2	50.8	51.2
47.5°	74.0	77.3	79.4	71.2	72.6	77.0	72.4	71.0	79.8	83.8	85.7
45°	107.9	121.1	124.9	127.3	123.8	135.3	135.4	130.0	147.2	156.5	159.7
42.5°	179.7	202.0	219.6	224.8	220.6	234.9	245.9	245.1	266.7	282.0	286.0
40°	300.8	321.8	347.0	356.4	360.5	373.6	401.3	419.2	440.9	464.8	476.9
37.5°	456.1	489.0	494.2	513.5	537.7	550.0	592.1	628.1	657.5	702.4	731.2
35°	683.6	770.6	676.8	721.3	782.9	790.0	828.2	911.3	932.0	1010.5	1053.9
32.5°	1103.3	1265.3	1244.0	1093.4	1225.8	1376.0	1208.7	1506.4	1479.7	1563.5	1670.0
30°	1741.3	2212.2	2264.5	2044.2	2411.8	2611.2	2579.2	2875.8	3065.8	3042.3	3411.2
27.5°	3106.5	3484.1	3655.7	3971.9	4170.5	4464.6	4982.3	5284.1	5826.6	6111.3	6452.8
25°	4584.0	5030.6	5581.7	6125.5	6538.6	7190.5	7917.2	8488.5	9256.5	9738.3	10089.4
22.5°	6181.3	6969.9	7737.1	8494.7	9328.8	10226.5	11083.8	12073.9	13008.5	13698.6	14220.4
20°	7932.3	9023.7	10108.9	11148.9	12189.4	13389.9	14451.4	15641.3	16789.3	17787.4	18474.8
17.5°	10096.9	11238.1	12623.8	14015.5	15363.5	16850.1	18418.0	19752.2	21362.2	22691.8	23691.9
15°	12454.5	13883.6	15396.0	17136.7	18957.1	20796.4	22698.3	24659.6	26492.4	28192.4	29465.8
12.5°	14888.9	16667.8	18510.6	20438.0	22548.8	24837.9	27227.7	29562.2	31828.3	33696.9	35443.9
10°	17227.4	19450.6	21588.9	23847.3	26278.1	28838.9	31637.4	34418.2	37052.0	39353.8	41233.8
7.5°	19276.4	21690.0	24156.9	26926.3	29811.6	32681.2	35713.3	38832.5	41830.2	44483.4	46681.3
5°	21202.5	23720.5	26219.8	29199.2	32382.7	35675.7	39108.5	42612.6	45848.9	48848.5	51282.7
2.5°	22704.3	25352.7	27922.7	31189.5	34548.8	37902.4	41402.9	45234.0	48844.1	52104.8	54493.2
0°	23621.2	26235.8	28719.0	32224.6	35680.1	39200.3	43060.7	47138.1	50940.0	54063.7	56390.4
-2.5°	23304.1	25855.1	28548.9	31992.4	35645.6	39166.4	43071.5	47186.4	50963.6	54137.9	56409.9
-5°	22868.7	25369.5	28096.0	31541.5	35106.9	38623.6	42473.7	46520.3	50230.1	53352.8	55504.6
-7.5°	22333.3	24747.2	27405.7	30747.3	34292.8	37813.8	41561.6	45390.4	48938.2	52042.3	54067.2
-10°	21700.4	23988.8	26618.9	29832.9	33351.3	36745.3	40306.5	44098.6	47659.2	50482.1	52655.4
-12.5°	21043.8	23273.2	25715.7	28756.6	32124.8	35280.3	38680.3	42332.0	45468.9	48355.8	50265.6
-15°	20291.9	22429.9	24720.2	27523.1	30575.8	33529.3	36482.7	39703.0	42565.3	45132.3	47161.7
-17.5°	19421.6	21447.3	23457.4	25977.6	28900.4	31538.4	34124.3	36928.5	39473.1	41829.9	43586.8
-20°	18219.6	19886.6	21817.9	24229.0	26760.9	28986.0	31345.5	33701.0	35966.4	37961.4	39449.2



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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°	16497.8	18119.9	19909.1	21881.1	23999.5	26043.3	28062.9	29990.3	31833.4	33493.5	34691.1
-25°	14665.2	16146.7	17761.8	19400.9	21092.5	22923.3	24694.8	26285.6	27801.2	29084.0	30070.3
-27.5°	12844.3	14245.3	15657.4	16980.2	18333.1	19862.5	21412.9	22744.8	24028.5	25033.3	25802.3
-30°	11217.8	12715.6	13959.0	14859.0	16170.2	17511.9	18517.0	19728.9	20740.2	21381.3	22207.7
-32.5°	10321.5	11451.2	12578.5	13504.0	14545.8	15723.0	16674.8	17664.8	18518.3	19207.5	19727.1
-35°	9504.0	10496.6	11449.1	12401.2	13331.4	14277.0	15154.4	15990.1	16747.0	17356.5	17838.0
-37.5°	8769.5	9628.6	10490.9	11312.2	12147.9	12938.2	13691.4	14412.2	15048.6	15597.9	16051.8
-40°	8027.9	8795.4	9553.8	10296.5	11027.2	11672.4	12320.0	12915.6	13452.7	13938.7	14335.5
-42.5°	7283.3	7968.2	8632.4	9306.1	9954.6	10514.6	11049.2	11541.6	12002.2	12416.4	12758.8
-45°	6551.2	7156.1	7741.4	8339.5	8886.3	9396.7	9862.8	10277.3	10673.1	11022.2	11310.0
-47.5°	5891.5	6384.0	6906.3	7416.9	7891.5	8351.2	8758.9	9123.8	9470.9	9766.5	10001.4
-50°	5278.3	5728.0	6168.3	6581.9	7025.4	7428.4	7773.4	8109.7	8425.4	8689.2	8887.3
-52.5°	4701.7	5116.7	5512.7	5898.6	6283.4	6641.9	6972.8	7280.3	7556.1	7797.9	7969.6
-55°	4245.3	4584.5	4905.2	5276.5	5629.7	5948.5	6244.8	6543.3	6809.2	7044.0	7187.4
-57.5°	3813.2	4119.2	4424.5	4745.5	5056.2	5355.7	5637.0	5898.6	6143.5	6363.3	6486.8
-60°	3427.6	3674.6	3964.9	4261.1	4542.7	4810.0	5074.1	5319.5	5547.1	5738.4	5847.5
-62.5°	3104.7	3339.3	3584.9	3832.2	4075.9	4324.6	4564.3	4792.3	5008.4	5182.6	5288.7
-65°	2819.8	3032.2	3247.0	3466.1	3688.1	3907.1	4111.2	4311.4	4506.7	4656.1	4751.7
-67.5°	2551.7	2734.4	2914.9	3101.4	3292.7	3481.6	3661.6	3839.0	4012.9	4133.3	4208.2
-70°	2257.8	2419.2	2574.6	2731.6	2887.8	3041.3	3190.1	3338.5	3485.1	3581.8	3645.8
-72.5°	1932.1	2066.9	2193.0	2318.4	2446.1	2572.3	2694.7	2813.6	2928.4	3003.3	3058.7
-75°	1580.4	1683.2	1781.2	1880.1	1979.1	2081.6	2182.6	2279.5	2371.7	2427.8	2470.9
-77.5°	1222.4	1295.1	1364.2	1433.8	1503.3	1582.8	1663.2	1741.3	1816.4	1856.1	1885.7
-80°	863.2	914.2	961.4	1006.5	1049.3	1100.0	1151.0	1200.4	1247.8	1270.5	1287.2
-82.5°	540.7	570.6	598.7	625.3	650.3	677.5	703.2	727.2	749.3	760.2	768.4
-85°	281.3	294.3	306.3	317.4	327.6	340.1	352.0	363.0	373.1	376.5	378.6
-87.5°	105.0	108.9	112.7	116.3	119.8	124.5	129.1	133.7	138.0	139.2	140.2
-90°	6.3	6.3	6.3	6.3	6.3	5.8	5.3	4.7	4.2	4.2	4.2



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30.8	31.3	31.3	31.3	31.3	31.3	30.8	30.3	29.7	29.2	28.7
87.5°	14.5	12.5	11.4	10.4	11.4	12.5	14.5	16.5	18.5	20.3	17.6
85°	26.5	22.9	21.9	20.9	21.9	22.9	26.5	29.9	33.3	36.4	32.9
82.5°	28.1	27.1	27.1	27.1	27.1	27.1	28.1	29.3	30.6	32.0	33.6
80°	34.3	33.3	33.4	33.4	33.4	33.3	34.3	35.2	36.0	37.1	40.6
77.5°	38.5	37.6	37.6	37.6	37.6	37.6	38.5	39.4	40.3	41.8	47.0
75°	36.7	35.6	35.5	35.5	35.5	35.6	36.7	37.9	39.1	41.1	46.8
72.5°	32.2	31.5	31.3	31.3	31.3	31.5	32.2	33.0	34.0	36.0	41.0
70°	28.0	27.3	27.1	27.1	27.1	27.3	28.0	28.8	29.7	31.2	34.2
67.5°	25.2	25.1	25.0	25.0	25.0	25.1	25.2	25.5	25.9	26.9	28.8
65°	21.3	21.1	20.9	20.9	20.9	21.1	21.3	21.6	21.9	23.0	24.7
62.5°	19.7	19.0	17.9	16.7	17.9	19.0	19.7	20.3	20.8	21.4	22.4
60°	20.2	19.1	18.8	18.8	18.8	19.1	20.2	21.3	22.1	22.5	22.8
57.5°	21.6	21.0	20.9	20.9	20.9	21.0	21.6	22.2	22.9	24.4	25.2
55°	27.1	27.0	27.0	27.1	27.0	27.0	27.1	27.1	27.0	28.1	29.3
52.5°	37.7	37.4	37.4	37.6	37.4	37.4	37.7	37.5	36.8	36.3	35.6
50°	51.8	51.8	51.2	50.1	51.2	51.8	51.8	51.2	50.8	50.2	47.6
47.5°	87.0	85.7	84.3	83.5	84.3	85.7	87.0	85.7	83.8	79.8	71.0
45°	163.5	162.2	159.9	158.6	159.9	162.2	163.5	159.7	156.5	147.2	130.0
42.5°	292.7	290.3	284.8	281.7	284.8	290.3	292.7	286.0	282.0	266.7	245.1
40°	490.6	493.2	488.9	486.2	488.9	493.2	490.6	476.9	464.8	440.9	419.2
37.5°	754.1	765.1	763.7	759.6	763.7	765.1	754.1	731.2	702.4	657.5	628.1
35°	1073.8	1086.1	1079.8	1078.8	1079.8	1086.1	1073.8	1053.9	1010.5	932.0	911.3
32.5°	1590.0	1572.0	1504.7	1523.3	1504.7	1572.0	1590.0	1670.0	1563.5	1479.7	1506.4
30°	3436.1	3502.1	3313.8	3163.4	3313.8	3502.1	3436.1	3411.2	3042.3	3065.8	2875.8
27.5°	6486.5	6629.0	6602.4	6756.7	6602.4	6629.0	6486.5	6452.8	6111.3	5826.6	5284.1
25°	10227.2	10321.6	10327.7	10049.4	10327.7	10321.6	10227.2	10089.4	9738.3	9256.5	8488.5
22.5°	14413.6	14504.8	14671.0	14671.4	14671.0	14504.8	14413.6	14220.4	13698.6	13008.5	12073.9
20°	18952.7	18969.4	19287.1	19310.1	19287.1	18969.4	18952.7	18474.8	17787.4	16789.3	15641.3
17.5°	24395.9	24660.6	25090.1	24839.8	25090.1	24660.6	24395.9	23691.9	22691.8	21362.2	19752.2
15°	30670.8	31262.2	31721.4	31515.1	31721.4	31262.2	30670.8	29465.8	28192.4	26492.4	24659.6
12.5°	36833.1	37765.3	38209.2	38100.7	38209.2	37765.3	36833.1	35443.9	33696.9	31828.3	29562.2
10°	42698.7	44010.9	44482.3	44648.7	44482.3	44010.9	42698.7	41233.8	39353.8	37052.0	34418.2
7.5°	48321.9	49524.4	50239.1	49940.5	50239.1	49524.4	48321.9	46681.3	44483.4	41830.2	38832.5
5°	52835.1	53850.6	54427.9	54222.3	54427.9	53850.6	52835.1	51282.7	48848.5	45848.9	42612.6
2.5°	56031.3	56979.6	57480.0	57228.2	57480.0	56979.6	56031.3	54493.2	52104.8	48844.1	45234.0
0°	57857.3	58823.5	59390.0	59430.7	59390.0	58823.5	57857.3	56390.4	54063.7	50940.0	47138.1
-2.5°	57786.0	58468.5	58866.7	58663.9	58866.7	58468.5	57786.0	56409.9	54137.9	50963.6	47186.4
-5°	56576.3	57152.6	57359.4	57271.0	57359.4	57152.6	56576.3	55504.6	53352.8	50230.1	46520.3
-7.5°	55083.8	55508.8	55650.9	55545.3	55650.9	55508.8	55083.8	54067.2	52042.3	48938.2	45390.4
-10°	53639.9	54064.6	54136.6	54076.3	54136.6	54064.6	53639.9	52655.4	50482.1	47659.2	44098.6
-12.5°	51537.7	51997.9	52012.9	51872.8	52012.9	51997.9	51537.7	50265.6	48355.8	45468.9	42332.0
-15°	48258.9	48635.3	48696.0	48617.5	48696.0	48635.3	48258.9	47161.7	45132.3	42565.3	39703.0
-17.5°	44614.5	44863.8	45133.8	45435.3	45133.8	44863.8	44614.5	43586.8	41829.9	39473.1	36928.5
-20°	40238.9	40537.0	40855.7	41193.1	40855.7	40537.0	40238.9	39449.2	37961.4	35966.4	33701.0



REPORT NUMBER: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	35321.3	35656.3	35983.1	36153.8	35983.1	35656.3	35321.3	34691.1	33493.5	31833.4	29990.3
-25°	30564.3	30972.2	31230.3	31385.7	31230.3	30972.2	30564.3	30070.3	29084.0	27801.2	26285.6
-27.5°	26203.4	26687.0	26925.1	27026.7	26925.1	26687.0	26203.4	25802.3	25033.3	24028.5	22744.8
-30°	22530.4	22827.4	22868.5	23022.3	22868.5	22827.4	22530.4	22207.7	21381.3	20740.2	19728.9
-32.5°	20108.9	20438.8	20639.3	20808.4	20639.3	20438.8	20108.9	19727.1	19207.5	18518.3	17664.8
-35°	18211.8	18510.6	18707.3	18788.5	18707.3	18510.6	18211.8	17838.0	17356.5	16747.0	15990.1
-37.5°	16393.4	16619.2	16756.7	16866.6	16756.7	16619.2	16393.4	16051.8	15597.9	15048.6	14412.2
-40°	14640.1	14864.1	15000.1	15036.6	15000.1	14864.1	14640.1	14335.5	13938.7	13452.7	12915.6
-42.5°	13003.8	13176.3	13294.6	13375.6	13294.6	13176.3	13003.8	12758.8	12416.4	12002.2	11541.6
-45°	11522.1	11674.0	11779.4	11844.0	11779.4	11674.0	11522.1	11310.0	11022.2	10673.1	10277.3
-47.5°	10174.3	10296.6	10380.5	10429.2	10380.5	10296.6	10174.3	10001.4	9766.5	9470.9	9123.8
-50°	9035.1	9144.4	9221.9	9269.0	9221.9	9144.4	9035.1	8887.3	8689.2	8425.4	8109.7
-52.5°	8103.6	8209.8	8287.9	8338.4	8287.9	8209.8	8103.6	7969.6	7797.9	7556.1	7280.3
-55°	7306.5	7404.0	7474.7	7520.4	7474.7	7404.0	7306.5	7187.4	7044.0	6809.2	6543.3
-57.5°	6591.7	6677.9	6737.7	6775.4	6737.7	6677.9	6591.7	6486.8	6363.3	6143.5	5898.6
-60°	5940.7	6018.4	6073.4	6111.9	6073.4	6018.4	5940.7	5847.5	5738.4	5547.1	5319.5
-62.5°	5382.6	5464.2	5507.9	5531.8	5507.9	5464.2	5382.6	5288.7	5182.6	5008.4	4792.3
-65°	4839.5	4918.2	4960.7	4985.1	4960.7	4918.2	4839.5	4751.7	4656.1	4506.7	4311.4
-67.5°	4274.3	4331.1	4374.3	4407.1	4374.3	4331.1	4274.3	4208.2	4133.3	4012.9	3839.0
-70°	3700.9	3746.7	3748.2	3735.2	3748.2	3746.7	3700.9	3645.8	3581.8	3485.1	3338.5
-72.5°	3106.6	3146.9	3157.4	3157.1	3157.4	3146.9	3106.6	3058.7	3003.3	2928.4	2813.6
-75°	2508.0	2538.9	2559.6	2572.9	2559.6	2538.9	2508.0	2470.9	2427.8	2371.7	2279.5
-77.5°	1909.8	1928.4	1945.7	1957.3	1945.7	1928.4	1909.8	1885.7	1856.1	1816.4	1741.3
-80°	1299.9	1308.5	1310.5	1308.3	1310.5	1308.5	1299.9	1287.2	1270.5	1247.8	1200.4
-82.5°	774.3	777.9	774.1	767.9	774.1	777.9	774.3	768.4	760.2	749.3	727.2
-85°	379.8	380.1	379.4	377.7	379.4	380.1	379.8	378.6	376.5	373.1	363.0
-87.5°	140.9	141.5	143.9	146.1	143.9	141.5	140.9	140.2	139.2	138.0	133.7
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.7



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	28.2	27.6	27.1	26.1	25.1	24.0	23.0	22.0	20.9	19.9	18.8
87.5°	15.0	12.5	10.0	10.4	10.8	11.1	11.4	10.8	10.2	9.7	9.2
85°	29.3	25.7	22.3	22.7	22.9	23.1	23.2	22.7	22.0	21.1	20.0
82.5°	34.8	35.4	35.8	38.4	40.4	41.9	42.7	42.9	42.3	40.9	38.6
80°	43.8	46.7	49.7	55.2	60.1	64.1	67.2	69.2	70.6	71.0	68.9
77.5°	51.9	56.6	61.8	70.1	77.8	84.9	91.0	94.8	96.8	98.1	95.5
75°	52.6	58.5	66.4	78.1	89.3	99.9	107.5	112.5	116.8	120.3	117.6
72.5°	46.3	52.1	61.5	75.9	90.9	103.9	115.2	124.7	132.4	138.3	133.4
70°	37.8	42.0	50.9	64.3	78.6	93.4	109.3	126.0	143.0	154.0	145.2
67.5°	30.9	33.2	40.0	50.4	62.9	77.0	93.2	112.1	130.3	147.9	144.7
65°	26.4	28.2	32.9	39.9	48.8	59.7	72.2	87.9	107.2	127.1	129.0
62.5°	23.5	24.8	28.0	32.4	38.0	45.0	54.8	67.8	82.9	95.3	101.8
60°	23.0	23.4	25.6	28.3	31.3	35.7	43.8	52.9	62.9	73.5	79.0
57.5°	25.4	25.8	27.3	28.5	29.2	32.5	37.5	43.4	52.4	59.1	63.2
55°	30.6	32.5	33.8	33.8	33.2	34.6	35.8	39.0	45.7	52.0	57.7
52.5°	35.1	38.7	41.8	43.9	44.0	42.6	39.9	40.9	44.6	51.0	56.2
50°	45.6	49.9	51.7	52.0	56.6	56.6	53.3	49.1	55.1	58.1	58.3
47.5°	72.4	77.0	72.6	71.2	79.4	77.3	74.0	73.6	80.9	75.0	72.6
45°	135.4	135.3	123.8	127.3	124.9	121.1	107.9	119.2	121.2	114.6	94.6
42.5°	245.9	234.9	220.6	224.8	219.6	202.0	179.7	185.5	181.8	167.3	155.4
40°	401.3	373.6	360.5	356.4	347.0	321.8	300.8	270.6	260.7	238.6	234.9
37.5°	592.1	550.0	537.7	513.5	494.2	489.0	456.1	401.0	352.6	373.6	346.8
35°	828.2	790.0	782.9	721.3	676.8	770.6	683.6	574.4	549.3	600.7	512.9
32.5°	1208.7	1376.0	1225.8	1093.4	1244.0	1265.3	1103.3	843.1	971.4	968.8	809.3
30°	2579.2	2611.2	2411.8	2044.2	2264.5	2212.2	1741.3	1678.9	1642.3	1469.7	1201.6
27.5°	4982.3	4464.6	4170.5	3971.9	3655.7	3484.1	3106.5	2716.4	2498.1	2182.3	1760.5
25°	7917.2	7190.5	6538.6	6125.5	5581.7	5030.6	4584.0	4033.3	3560.7	3054.5	2462.8
22.5°	11083.8	10226.5	9328.8	8494.7	7737.1	6969.9	6181.3	5395.2	4725.5	4067.2	3314.4
20°	14451.4	13389.9	12189.4	11148.9	10108.9	9023.7	7932.3	6983.6	6114.5	5183.9	4230.9
17.5°	18418.0	16850.1	15363.5	14015.5	12623.8	11238.1	10096.9	8903.7	7638.0	6359.9	5182.8
15°	22698.3	20796.4	18957.1	17136.7	15396.0	13883.6	12454.5	10936.5	9303.7	7664.3	6264.7
12.5°	27227.7	24837.9	22548.8	20438.0	18510.6	16667.8	14888.9	13064.3	11084.3	9140.1	7533.2
10°	31637.4	28838.9	26278.1	23847.3	21588.9	19450.6	17227.4	15019.6	12779.9	10595.2	8757.9
7.5°	35713.3	32681.2	29811.6	26926.3	24156.9	21690.0	19276.4	16851.6	14402.0	11973.3	9930.4
5°	39108.5	35675.7	32382.7	29199.2	26219.8	23720.5	21202.5	18585.8	15929.5	13263.6	11039.7
2.5°	41402.9	37902.4	34548.8	31189.5	27922.7	25352.7	22704.3	19903.2	16996.1	14115.3	11760.0
0°	43060.7	39200.3	35680.1	32224.6	28719.0	26235.8	23621.2	20818.8	17759.7	14788.3	12401.1
-2.5°	43071.5	39166.4	35645.6	31992.4	28548.9	25855.1	23304.1	20590.5	17762.5	14908.5	12547.4
-5°	42473.7	38623.6	35106.9	31541.5	28096.0	25369.5	22868.7	20275.2	17634.8	14921.9	12606.4
-7.5°	41561.6	37813.8	34292.8	30747.3	27405.7	24747.2	22333.3	19902.9	17402.6	14843.1	12585.4
-10°	40306.5	36745.3	33351.3	29832.9	26618.9	23988.8	21700.4	19441.4	17073.1	14658.4	12484.6
-12.5°	38680.3	35280.3	32124.8	28756.6	25715.7	23273.2	21043.8	18896.3	16664.9	14371.5	12307.8
-15°	36482.7	33529.3	30575.8	27523.1	24720.2	22429.9	20291.9	18198.4	15996.7	13879.1	12059.2
-17.5°	34124.3	31538.4	28900.4	25977.6	23457.4	21447.3	19421.6	17325.1	15150.2	13073.3	11403.5
-20°	31345.5	28986.0	26760.9	24229.0	21817.9	19886.6	18219.6	16310.6	14133.4	12199.9	10616.7



REPORT NUMBER: P1305854 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	28062.9	26043.3	23999.5	21881.1	19909.1	18119.9	16497.8	14850.5	12942.5	11192.9	9755.1
-25°	24694.8	22923.3	21092.5	19400.9	17761.8	16146.7	14665.2	13151.6	11642.2	10145.6	8837.6
-27.5°	21412.9	19862.5	18333.1	16980.2	15657.4	14245.3	12844.3	11551.0	10386.0	9187.3	7955.7
-30°	18517.0	17511.9	16170.2	14859.0	13959.0	12715.6	11217.8	10293.7	9366.4	8332.1	7236.2
-32.5°	16674.8	15723.0	14545.8	13504.0	12578.5	11451.2	10321.5	9235.2	8491.3	7601.8	6686.0
-35°	15154.4	14277.0	13331.4	12401.2	11449.1	10496.6	9504.0	8594.4	7746.6	6942.5	6167.5
-37.5°	13691.4	12938.2	12147.9	11312.2	10490.9	9628.6	8769.5	7932.7	7102.8	6383.7	5696.6
-40°	12320.0	11672.4	11027.2	10296.5	9553.8	8795.4	8027.9	7252.6	6534.3	5853.3	5237.6
-42.5°	11049.2	10514.6	9954.6	9306.1	8632.4	7968.2	7283.3	6604.1	5962.5	5364.3	4798.4
-45°	9862.8	9396.7	8886.3	8339.5	7741.4	7156.1	6551.2	5975.1	5416.7	4884.2	4353.1
-47.5°	8758.9	8351.2	7891.5	7416.9	6906.3	6384.0	5891.5	5375.5	4891.7	4403.5	3944.8
-50°	7773.4	7428.4	7025.4	6581.9	6168.3	5728.0	5278.3	4813.0	4388.8	3978.3	3557.3
-52.5°	6972.8	6641.9	6283.4	5898.6	5512.7	5116.7	4701.7	4329.6	3951.9	3586.4	3215.6
-55°	6244.8	5948.5	5629.7	5276.5	4905.2	4584.5	4245.3	3899.7	3561.7	3221.5	2916.6
-57.5°	5637.0	5355.7	5056.2	4745.5	4424.5	4119.2	3813.2	3498.7	3205.4	2923.1	2639.9
-60°	5074.1	4810.0	4542.7	4261.1	3964.9	3674.6	3427.6	3167.0	2892.8	2652.7	2411.6
-62.5°	4564.3	4324.6	4075.9	3832.2	3584.9	3339.3	3104.7	2875.0	2642.3	2413.6	2208.2
-65°	4111.2	3907.1	3688.1	3466.1	3247.0	3032.2	2819.8	2612.5	2414.8	2222.9	2023.1
-67.5°	3661.6	3481.6	3292.7	3101.4	2914.9	2734.4	2551.7	2371.5	2190.4	2013.8	1827.4
-70°	3190.1	3041.3	2887.8	2731.6	2574.6	2419.2	2257.8	2095.1	1937.5	1781.4	1616.4
-72.5°	2694.7	2572.3	2446.1	2318.4	2193.0	2066.9	1932.1	1791.2	1655.0	1524.2	1389.2
-75°	2182.6	2081.6	1979.1	1880.1	1781.2	1683.2	1580.4	1468.3	1358.9	1252.6	1144.1
-77.5°	1663.2	1582.8	1503.3	1433.8	1364.2	1295.1	1222.4	1137.2	1053.3	970.6	886.2
-80°	1151.0	1100.0	1049.3	1006.5	961.4	914.2	863.2	801.6	740.5	683.9	630.0
-82.5°	703.2	677.5	650.3	625.3	598.7	570.6	540.7	505.2	469.8	434.6	399.0
-85°	352.0	340.1	327.6	317.4	306.3	294.3	281.3	265.4	248.7	231.1	212.6
-87.5°	129.1	124.5	119.8	116.3	112.7	108.9	105.0	99.3	93.6	87.9	82.2
-90°	5.3	5.8	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3



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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°	18.3	17.8	17.2	16.7	16.2	15.7	15.1	14.6	14.1	13.6	13.0
87.5°	11.0	12.7	14.2	15.5	14.8	14.1	13.4	12.7	12.7	12.6	12.4
85°	20.4	21.1	22.0	23.0	21.6	19.8	18.5	17.2	17.2	16.9	16.5
82.5°	34.9	33.1	32.1	31.5	30.9	29.8	27.9	25.4	22.7	21.3	20.6
80°	61.5	54.8	48.8	43.9	41.0	39.8	38.4	35.5	29.7	25.7	23.5
77.5°	85.4	76.2	67.8	59.6	52.5	47.5	44.9	43.2	36.4	29.8	25.5
75°	106.7	94.7	83.5	72.8	62.7	54.6	48.7	44.5	38.9	33.3	27.3
72.5°	120.7	108.6	97.0	84.6	71.5	60.6	52.1	45.7	40.0	34.3	28.6
70°	131.5	119.6	107.3	93.2	79.0	65.8	55.0	47.5	41.0	35.2	29.3
67.5°	138.8	124.4	112.2	100.2	85.6	71.1	57.6	49.4	42.7	36.0	30.0
65°	124.5	119.8	113.8	101.2	89.0	76.0	61.6	51.8	44.2	37.4	30.6
62.5°	106.0	106.7	103.0	99.0	89.2	77.2	65.4	55.5	46.0	38.6	31.6
60°	82.9	87.9	91.2	89.8	85.6	76.8	66.8	59.1	49.1	39.8	32.6
57.5°	68.6	70.6	75.8	79.6	78.3	73.4	67.6	60.8	51.9	41.9	33.7
55°	59.4	62.5	64.4	67.5	70.3	67.9	67.0	61.8	54.2	44.2	35.1
52.5°	59.2	60.2	60.6	59.8	61.1	63.2	64.2	62.9	55.3	46.2	37.5
50°	61.6	67.0	63.5	59.3	54.6	58.0	61.7	61.2	56.4	47.8	39.9
47.5°	72.7	80.3	75.8	63.7	56.6	53.6	58.5	59.3	57.5	48.8	42.4
45°	102.7	101.6	94.8	80.0	62.1	57.4	55.7	57.8	56.3	51.4	44.9
42.5°	143.5	137.7	123.1	99.4	86.8	65.4	53.6	56.1	55.1	54.4	47.5
40°	215.3	185.0	160.1	145.3	124.0	75.9	61.4	54.9	54.6	57.3	50.3
37.5°	299.3	254.0	210.6	211.6	174.9	118.2	71.6	54.3	57.9	59.8	53.4
35°	422.0	342.1	315.2	301.7	248.1	167.9	83.1	58.3	62.5	63.1	56.7
32.5°	563.1	513.5	495.4	415.8	333.8	224.8	117.5	74.9	68.4	67.0	60.2
30°	895.6	816.6	732.1	547.9	436.0	304.9	173.7	91.9	75.5	71.6	63.7
27.5°	1431.9	1176.0	1023.4	762.4	561.0	396.5	244.3	109.2	83.9	77.1	67.3
25°	2010.6	1651.3	1371.2	1033.6	697.5	538.1	323.5	128.5	96.7	83.7	71.2
22.5°	2664.2	2165.3	1756.6	1337.4	914.2	702.6	425.4	190.6	111.4	91.0	75.3
20°	3326.9	2686.7	2194.7	1712.3	1196.8	889.3	553.5	256.4	126.1	98.8	79.7
17.5°	4019.9	3349.6	2793.3	2140.6	1513.3	1086.1	692.3	324.5	140.5	106.9	84.3
15°	5079.9	4193.4	3436.0	2607.8	1827.0	1289.9	838.4	393.7	154.6	115.4	93.5
12.5°	6181.4	5052.6	4106.3	3102.3	2134.9	1497.5	988.4	462.6	168.3	133.0	108.8
10°	7255.1	5915.9	4791.3	3611.1	2433.4	1705.2	1138.7	553.3	209.7	158.0	124.4
7.5°	8291.6	6770.7	5476.6	4120.2	2743.1	1978.2	1410.9	694.4	256.4	183.5	140.1
5°	9223.7	7520.8	6123.8	4654.1	3165.5	2314.5	1701.7	834.7	303.9	209.1	155.6
2.5°	9850.4	8092.8	6718.9	5152.8	3568.5	2638.0	1984.2	970.0	350.9	234.3	170.9
0°	10406.3	8609.6	7265.8	5604.8	3948.0	2946.4	2249.4	1095.5	396.5	258.7	185.7
-2.5°	10546.9	8737.5	7434.7	5881.3	4267.4	3228.3	2489.0	1289.4	544.3	350.2	243.8
-5°	10613.6	8822.3	7560.8	6112.2	4556.8	3491.0	2699.7	1466.5	686.9	439.1	300.3
-7.5°	10627.8	8890.3	7628.0	6278.3	4814.3	3732.9	2879.1	1624.4	821.4	524.1	354.6
-10°	10579.2	8917.6	7609.6	6235.2	4830.4	3832.6	2998.9	1760.8	945.3	603.8	405.7
-12.5°	10466.0	8882.3	7546.1	6139.1	4773.0	3795.6	2921.5	1812.4	1051.7	677.0	452.9
-15°	10291.5	8780.0	7437.7	5988.5	4679.4	3734.4	2833.8	1820.5	1116.8	741.2	495.5
-17.5°	9968.4	8607.4	7285.0	5781.8	4548.4	3647.9	2740.3	1817.5	1172.4	796.4	536.1
-20°	9282.5	8168.6	7075.2	5518.3	4379.2	3535.2	2645.3	1804.9	1218.3	844.2	574.0



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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°	8554.5	7548.0	6516.2	5286.6	4200.7	3395.7	2552.5	1783.9	1253.8	884.0	606.3
-25°	7773.3	6917.5	5928.7	4908.0	4027.9	3251.1	2482.6	1755.6	1278.8	915.3	632.8
-27.5°	7041.9	6281.9	5376.4	4534.4	3783.3	3122.8	2428.4	1773.4	1299.4	937.7	652.9
-30°	6344.5	5685.0	4934.2	4189.9	3535.6	2953.1	2370.7	1780.6	1321.1	956.3	666.5
-32.5°	5841.1	5151.0	4532.4	3908.4	3318.6	2773.7	2259.2	1774.3	1330.7	969.5	677.0
-35°	5442.8	4755.4	4157.4	3630.1	3109.6	2605.4	2127.1	1754.7	1327.9	973.4	682.2
-37.5°	5031.2	4416.2	3859.2	3372.3	2894.5	2430.1	2016.4	1669.0	1312.6	968.1	680.6
-40°	4647.3	4082.1	3580.9	3132.8	2690.2	2248.4	1897.4	1583.2	1294.1	953.4	672.3
-42.5°	4249.6	3757.9	3308.9	2888.6	2486.0	2107.7	1773.4	1491.8	1231.8	934.4	657.3
-45°	3874.9	3430.6	3033.5	2659.6	2284.5	1959.7	1666.6	1397.7	1160.2	909.0	638.6
-47.5°	3494.3	3122.4	2770.4	2426.9	2114.2	1812.6	1554.3	1313.8	1085.1	874.1	617.9
-50°	3154.7	2828.5	2519.9	2225.4	1937.2	1684.1	1442.3	1226.1	1016.3	812.9	591.0
-52.5°	2865.2	2562.8	2295.1	2032.6	1787.9	1550.3	1341.9	1136.0	944.5	755.5	558.0
-55°	2604.5	2326.0	2088.0	1862.8	1642.3	1433.2	1237.9	1053.4	869.9	698.1	520.3
-57.5°	2380.4	2112.4	1906.7	1704.3	1509.8	1319.7	1139.5	968.0	799.8	638.0	485.9
-60°	2170.1	1942.5	1736.3	1560.9	1384.5	1210.0	1043.2	882.8	729.0	577.2	442.8
-62.5°	1995.3	1778.5	1587.2	1424.3	1264.3	1105.3	945.8	800.8	655.6	520.6	395.3
-65°	1821.7	1626.3	1440.9	1296.2	1148.4	998.3	852.9	716.0	584.4	461.1	348.6
-67.5°	1644.1	1469.5	1308.7	1169.5	1027.3	888.9	756.4	630.5	511.4	398.9	307.6
-70°	1455.9	1306.6	1163.3	1028.4	899.3	774.6	655.0	542.5	435.4	345.5	264.5
-72.5°	1251.2	1120.5	997.5	880.3	763.5	653.1	549.4	453.6	368.2	290.0	219.5
-75°	1031.7	922.4	818.6	718.7	620.3	528.0	446.8	371.2	298.7	232.6	178.8
-77.5°	796.5	711.0	630.4	555.6	480.2	410.2	345.9	286.3	230.4	182.4	138.9
-80°	569.7	510.7	453.2	396.8	341.0	289.9	249.5	210.4	169.4	131.9	98.1
-82.5°	356.5	320.6	287.6	255.6	223.8	193.3	164.3	136.5	107.1	80.4	64.8
-85°	191.9	171.7	152.2	133.4	114.1	95.8	86.7	77.8	67.0	56.9	47.7
-87.5°	78.1	74.0	69.9	65.7	60.7	55.8	51.0	46.3	40.6	35.3	30.4
-90°	6.8	7.3	7.8	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.5	12.0	11.5	10.9	10.4	9.4	8.3
87.5°	12.1	11.1	10.3	9.6	9.0	8.6	8.3
85°	15.9	14.0	12.3	10.9	9.8	8.9	8.3
82.5°	19.6	16.8	14.3	12.2	10.5	9.3	8.3
80°	22.9	19.5	16.2	13.4	11.2	9.6	8.3
77.5°	23.3	21.3	18.1	14.7	11.9	9.9	8.3
75°	23.7	21.4	19.6	15.9	12.6	10.2	8.3
72.5°	23.9	21.4	19.5	17.1	13.3	10.5	8.3
70°	24.2	21.4	19.4	18.0	14.0	10.8	8.3
67.5°	25.1	21.4	19.2	17.7	14.6	11.1	8.3
65°	25.9	21.7	19.0	17.5	15.2	11.4	8.3
62.5°	26.7	22.4	18.7	17.2	15.8	11.6	8.3
60°	27.5	23.2	18.4	16.9	16.4	11.9	8.3
57.5°	28.7	23.9	19.0	16.6	16.3	12.2	8.3
55°	30.1	24.5	19.6	16.3	16.2	12.4	8.3
52.5°	31.4	25.3	20.1	15.9	16.1	12.6	8.3
50°	32.8	26.4	20.6	15.5	16.0	12.9	8.3
47.5°	34.2	27.6	21.1	15.3	16.0	13.1	8.3
45°	36.4	28.7	21.6	15.7	16.0	13.3	8.3
42.5°	38.5	29.8	22.0	16.0	16.0	13.5	8.3
40°	40.5	30.9	22.7	16.7	16.0	13.6	8.3
37.5°	42.6	32.0	23.5	17.5	16.1	13.8	8.3
35°	44.5	33.4	24.3	18.4	16.2	14.0	8.3
32.5°	46.7	34.9	25.0	19.4	16.3	14.1	8.3
30°	49.4	36.4	25.7	20.3	16.4	14.2	8.3
27.5°	52.1	37.7	27.8	21.3	16.6	14.3	8.3
25°	54.8	39.0	30.1	22.3	16.7	14.4	8.3
22.5°	57.5	41.4	32.5	23.3	16.9	14.5	8.3
20°	60.2	46.6	34.9	24.2	17.1	14.6	8.3
17.5°	67.2	52.1	37.5	25.2	17.3	14.6	8.3
15°	77.0	57.8	40.0	26.2	17.5	14.6	8.3
12.5°	87.0	63.6	42.6	27.2	17.8	14.7	8.3
10°	97.0	69.4	45.1	28.1	18.0	14.7	8.3
7.5°	107.0	75.3	47.6	29.0	18.2	14.7	8.3
5°	116.9	81.0	49.9	29.8	18.4	14.7	8.3
2.5°	126.4	86.5	52.2	30.6	18.6	14.6	8.3
0°	135.6	91.8	54.3	31.3	18.8	14.6	8.3
-2.5°	170.8	111.5	64.9	35.9	20.2	14.9	8.3
-5°	204.9	130.6	75.1	40.4	21.5	15.1	8.3
-7.5°	237.7	148.8	85.0	44.7	22.8	15.4	8.3
-10°	268.5	166.1	94.3	48.8	24.0	15.6	8.3
-12.5°	296.9	182.0	102.9	52.6	25.2	15.8	8.3
-15°	322.5	196.6	110.8	56.1	26.3	16.0	8.3
-17.5°	345.0	209.4	117.8	59.2	27.3	16.1	8.3
-20°	367.0	220.5	123.8	61.9	28.2	16.3	8.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	390.3	229.5	128.8	64.1	29.1	16.4	8.3
-25°	409.7	241.3	132.6	65.8	29.8	16.4	8.3
-27.5°	424.8	252.6	135.2	67.0	30.4	16.5	8.3
-30°	435.4	261.1	137.0	67.6	30.8	16.5	8.3
-32.5°	441.4	266.6	141.2	67.7	31.2	16.5	8.3
-35°	446.2	269.1	143.7	67.1	31.3	16.5	8.3
-37.5°	447.9	269.7	144.5	65.9	31.4	16.4	8.3
-40°	445.0	269.8	143.6	64.1	31.3	16.4	8.3
-42.5°	437.4	267.2	142.3	62.4	31.1	16.2	8.3
-45°	425.3	261.7	140.9	61.2	30.7	16.1	8.3
-47.5°	408.5	253.4	138.1	59.3	30.2	15.9	8.3
-50°	392.9	242.3	133.8	58.7	29.5	15.7	8.3
-52.5°	374.3	228.6	128.0	58.1	28.7	15.5	8.3
-55°	351.9	216.9	120.8	56.8	27.7	15.2	8.3
-57.5°	325.9	204.0	112.3	54.8	26.6	14.9	8.3
-60°	297.3	189.0	102.6	52.1	25.4	14.6	8.3
-62.5°	273.3	172.1	95.8	48.9	24.5	14.3	8.3
-65°	246.6	153.3	87.8	45.1	23.5	13.9	8.3
-67.5°	217.5	135.5	78.9	40.7	22.4	13.5	8.3
-70°	186.2	118.9	69.0	35.9	21.3	13.1	8.3
-72.5°	158.3	100.9	58.3	32.8	20.0	12.7	8.3
-75°	129.5	81.7	46.8	30.0	18.8	12.2	8.3
-77.5°	99.2	61.6	40.4	27.0	17.5	11.8	8.3
-80°	67.7	48.7	34.9	24.0	16.1	11.3	8.3
-82.5°	52.6	39.8	29.2	20.8	14.7	10.8	8.3
-85°	39.4	30.6	23.3	17.6	13.3	10.3	8.3
-87.5°	26.0	21.3	17.4	14.3	11.9	9.9	8.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3

(END OF REPORT)