

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: P1305624 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-2S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

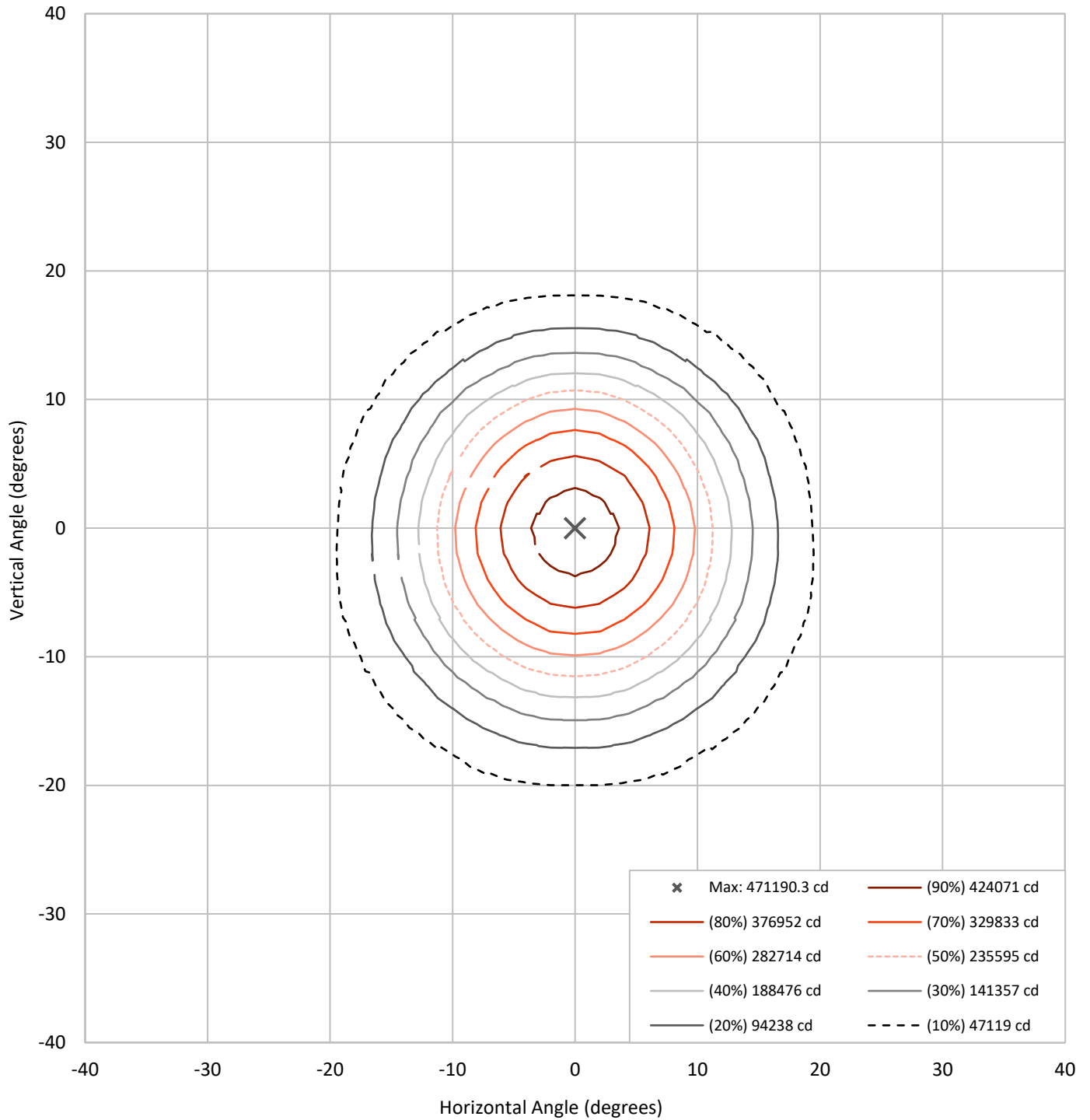
Test Method: LM-79-08  
Report Number: P1305624 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-80-2S-VHE-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 80 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:	82357 lumens	Max Intensity:	471190.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.9 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:	38484.1 lumens	Field Lumens:	68558.6 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	670		
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





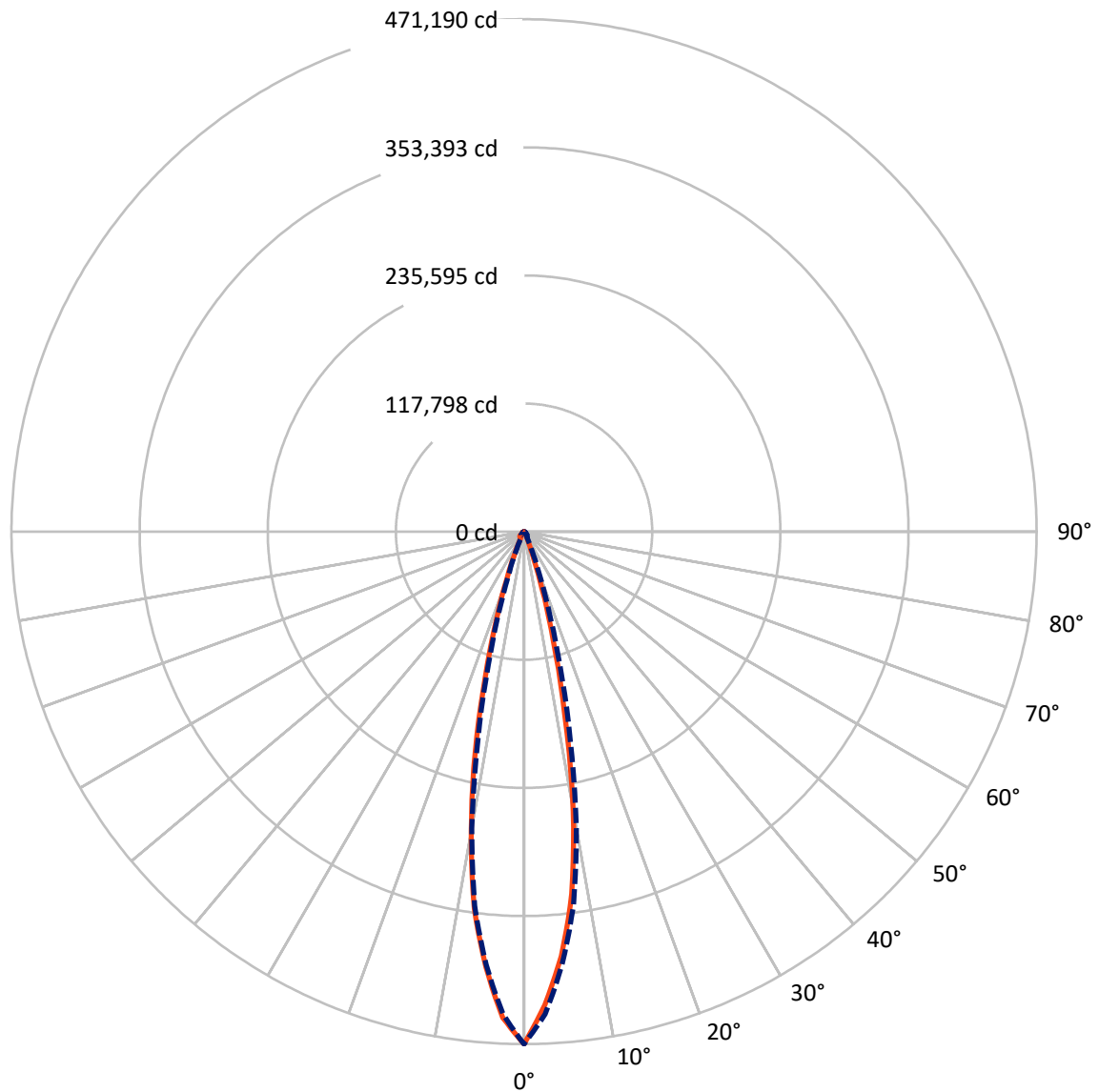
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### Lumen Table

90	0.2	0.7		1.2		1.8		2.1		1.8		1.2		0.7		0.2			
80	0.2	0.7		1.2		1.8		2.1		1.8		1.2		0.7		0.2			
70	0.2	0.1	0.2	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.2	0.1	0.2			
60		0.3	0.7	1.0	0.8	0.7	0.8	0.9	0.9	0.8	0.7	0.8	1.0	0.7	0.3				
50	0.6	1.0	2.4	4.9	8.6	14.2	21.7	25.6	25.6	21.7	14.2	8.6	4.9	2.4	1.0	0.6			
40		2.5	8.1	15.7	30.7	53.4	64.9	71.9	71.9	64.9	53.4	30.7	15.7	8.1	2.5				
30	1.6	4.4	13.4	28.6	70.0	81.4	112.3	205.2	205.2	112.3	81.4	70.0	28.6	13.4	4.4	1.6			
20		5.9	17.5	50.2	98.7	145.0	919.6	2966.1	2966.1	919.6	145.0	98.7	50.2	17.5	5.9				
10	2.4	7.1	20.2	65.5	113.0	324.1	3257.8	9793.6	9793.6	3257.8	324.1	113.0	65.5	20.2	7.1	2.4			
0		7.8	22.3	69.2	124.3	371.7	3548.0	10184.9	10184.9	3548.0	371.7	124.3	69.2	22.3	7.8				
-10	2.6	7.9	23.2	66.7	130.8	212.7	1300.3	3809.3	3809.3	1300.3	212.7	130.8	66.7	23.2	7.9	2.6			
-20		7.3	22.8	51.0	123.4	169.1	235.0	470.0	470.0	235.0	169.1	123.4	51.0	22.8	7.3				
-30	2.1	6.2	20.0	39.9	86.3	151.9	177.9	186.6	186.6	177.9	151.9	86.3	39.9	20.0	6.2	2.1			
-40		4.7	15.1	32.3	51.5	79.1	120.3	151.0	151.0	120.3	79.1	51.5	32.3	15.1	4.7				
-50	1.7	3.1	9.6	21.1	36.0	48.8	58.2	64.2	64.2	58.2	48.8	36.0	21.1	9.6	3.1	1.7			
-60		2.1	4.8	10.6	18.4	25.8	32.5	36.5	36.5	32.5	25.8	18.4	10.6	4.8	2.1				
-70	1.2	7.5		18.3		30.5		37.3		30.5		18.3		7.5		1.2			
-80		7.5		18.3		30.5		37.3		30.5		18.3		7.5					
-90	1.2	7.5		18.3		30.5		37.3		30.5		18.3		7.5		1.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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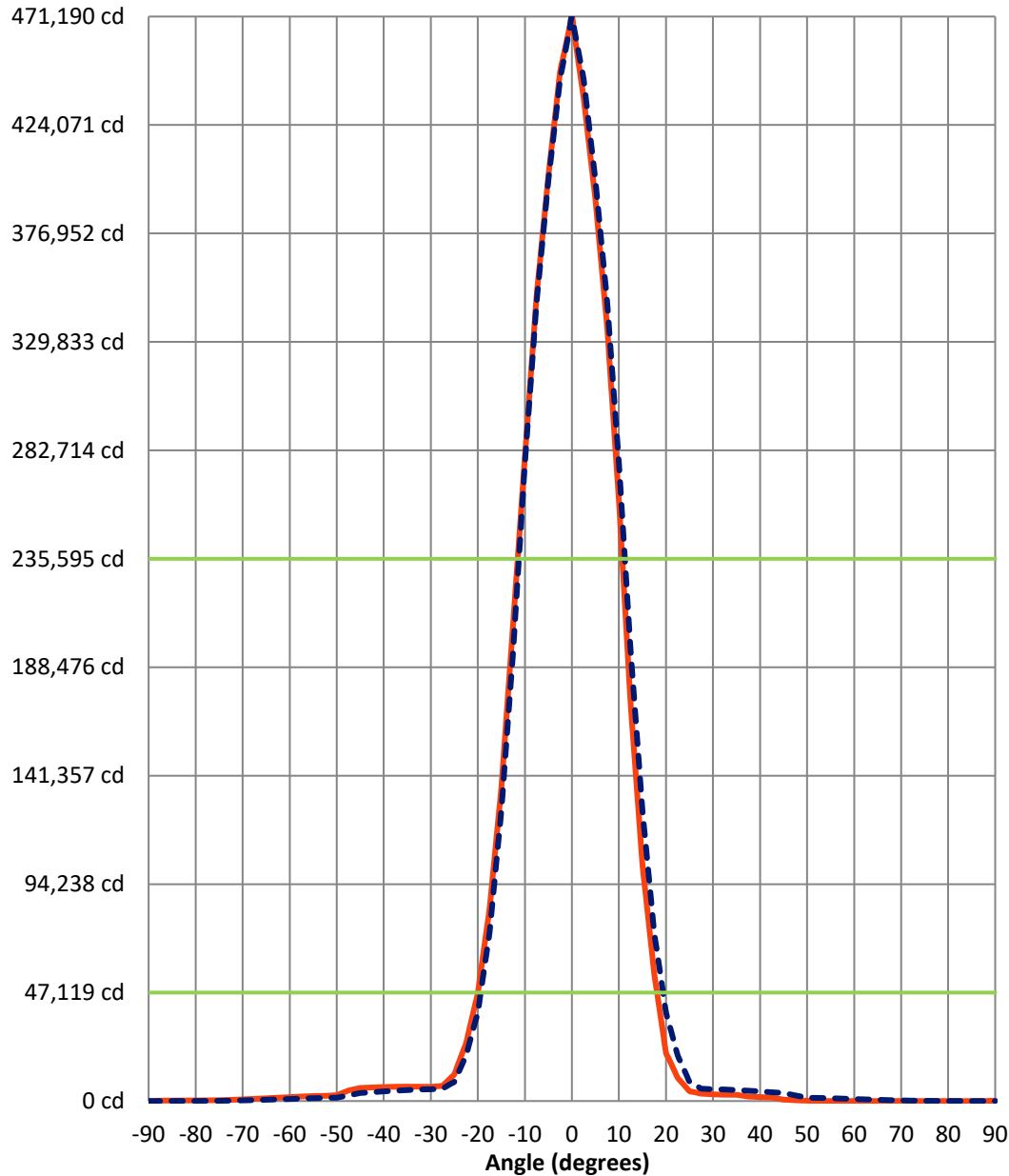
### Luminous Intensity Polar Plot



— 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: 38484.1  
 Efficiency: 46.7%

**Field:**  
 H Angle: 38.8°  
 V Angle: 38.1°  
 Lumens: 68558.6  
 Efficiency: 83.2%

**Spill:**  
 Lumens: 13798.4  
 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°	4.8	10.1	15.4	26.4	37.5	47.1	56.7	64.0	71.2	77.0	82.7
87.5°	4.8	4.9	5.0	5.0	5.0	5.0	5.1	5.0	4.8	4.8	4.8
85°	4.8	5.1	5.1	5.2	5.1	5.2	5.3	5.1	4.8	4.8	4.8
82.5°	4.8	5.2	5.3	5.4	5.3	5.4	5.6	5.3	4.9	5.0	5.1
80°	4.8	5.3	5.5	5.6	5.5	5.7	5.8	5.6	5.5	5.6	5.5
77.5°	4.8	5.4	5.6	5.8	5.7	5.9	6.1	6.0	6.2	6.2	6.0
75°	4.8	5.6	5.8	6.0	5.9	6.2	6.3	6.4	6.7	6.6	6.4
72.5°	4.8	5.7	6.0	6.2	6.3	6.5	6.6	6.8	7.1	7.0	6.8
70°	4.8	5.8	6.2	6.4	6.6	6.9	6.9	7.3	7.5	7.5	7.4
67.5°	4.8	5.9	6.4	6.6	6.9	7.2	7.5	7.8	8.0	8.1	8.0
65°	4.8	6.1	6.6	6.9	7.3	7.7	8.1	8.4	9.0	8.9	8.9
62.5°	4.8	6.2	6.8	7.2	7.6	8.3	8.7	9.4	10.1	9.9	10.3
60°	4.8	6.3	7.0	7.4	7.9	8.9	9.4	10.8	11.3	11.9	12.1
57.5°	4.8	6.4	7.2	7.7	8.6	9.5	10.9	12.3	13.7	14.3	16.1
55°	4.8	6.6	7.5	7.9	9.3	10.1	12.7	14.1	16.5	17.8	21.6
52.5°	4.8	6.7	7.8	8.2	10.0	10.9	14.6	17.0	19.5	24.5	27.6
50°	4.8	6.8	8.2	8.4	10.8	12.9	16.7	20.3	23.9	31.8	39.5
47.5°	4.8	6.9	8.5	8.7	11.6	15.0	19.0	23.7	31.3	39.7	53.7
45°	4.8	7.1	8.9	9.4	12.5	17.2	22.0	27.2	39.4	54.0	69.2
42.5°	4.8	7.2	9.3	10.1	13.4	19.4	25.2	33.2	48.1	69.3	94.1
40°	4.8	7.3	9.7	11.0	14.7	21.7	28.5	41.1	59.3	85.7	122.4
37.5°	4.8	7.4	10.2	12.2	16.5	24.1	32.1	49.3	75.2	106.8	152.6
35°	4.8	7.5	10.6	13.3	18.4	26.9	35.8	57.8	92.0	135.0	186.5
32.5°	4.8	7.6	11.1	14.6	20.2	29.8	40.6	66.5	109.4	163.7	222.5
30°	4.8	7.7	11.6	15.8	22.0	32.7	47.7	76.6	127.5	192.8	256.7
27.5°	4.8	7.8	12.1	17.1	24.3	35.7	54.7	90.0	146.1	222.0	289.2
25°	4.8	8.0	12.6	18.4	26.6	38.6	61.7	102.6	165.6	249.7	320.0
22.5°	4.8	8.0	13.1	19.7	28.9	41.5	68.4	114.5	183.5	268.5	353.4
20°	4.8	8.1	13.6	21.0	31.1	44.6	75.0	125.6	199.9	285.9	379.3
17.5°	4.8	8.2	14.1	22.4	33.2	47.6	81.0	135.9	214.8	301.9	403.9
15°	4.8	8.3	14.6	23.7	35.2	50.5	86.4	145.0	228.0	316.4	427.5
12.5°	4.8	8.4	15.1	25.0	37.1	53.2	91.4	152.7	240.5	329.4	449.8
10°	4.8	8.5	15.6	26.2	38.9	55.8	95.8	159.5	252.4	345.5	472.9
7.5°	4.8	8.5	16.0	27.5	40.6	58.2	99.8	165.5	263.1	361.1	499.2
5°	4.8	8.6	16.5	28.6	42.3	60.4	103.3	170.6	272.5	375.4	523.3
2.5°	4.8	8.7	16.9	29.7	43.8	62.5	106.2	174.7	280.3	388.2	544.9
0°	4.8	8.7	17.3	30.8	45.2	64.4	108.7	177.9	286.6	399.1	563.5
-2.5°	4.8	9.1	18.2	32.1	47.2	67.1	112.2	184.4	295.3	410.6	573.3
-5°	4.8	9.4	19.1	33.4	49.0	69.6	115.1	189.8	302.3	420.0	579.9
-7.5°	4.8	9.8	19.9	34.6	50.8	71.8	117.5	194.0	307.3	427.1	583.4
-10°	4.8	10.1	20.7	35.7	52.4	73.9	119.3	196.9	310.3	431.8	584.0
-12.5°	4.8	10.5	21.5	36.7	53.8	75.7	120.5	198.4	311.2	433.8	583.3
-15°	4.8	10.8	22.1	37.7	55.1	77.3	121.1	198.4	309.0	430.3	579.3
-17.5°	4.8	11.1	22.8	38.5	56.3	78.6	121.1	196.4	303.2	424.2	570.7
-20°	4.8	11.4	23.4	39.2	57.3	79.7	120.6	192.7	295.6	415.6	557.3



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 CATALOG NUMBER: EPH-08-640L-40-80-2S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.8	11.6	23.9	39.9	58.1	80.5	119.6	187.7	286.0	404.4	539.6
-25°	4.8	11.9	24.4	40.4	58.8	81.2	118.0	181.4	274.6	390.5	522.2
-27.5°	4.8	12.1	24.8	40.9	59.3	81.8	115.7	173.9	261.2	379.1	509.9
-30°	4.8	12.3	25.1	41.3	59.6	82.0	112.6	165.0	250.6	366.3	494.6
-32.5°	4.8	12.5	25.4	41.5	60.1	82.0	108.8	159.5	241.6	350.7	475.9
-35°	4.8	12.6	25.6	41.7	60.4	81.8	107.3	154.8	230.4	332.3	454.0
-37.5°	4.8	12.7	25.7	41.8	60.5	81.5	106.7	149.4	216.9	311.2	430.1
-40°	4.8	12.8	25.7	41.8	60.5	81.4	105.7	142.7	201.3	292.0	403.4
-42.5°	4.8	12.9	25.7	41.7	60.4	81.2	104.4	134.7	189.4	271.5	373.0
-45°	4.8	13.0	25.6	41.7	60.4	80.7	102.8	128.6	178.8	248.3	340.3
-47.5°	4.8	13.0	25.5	41.5	60.2	80.1	100.7	126.1	166.5	222.7	310.9
-50°	4.8	13.0	25.3	41.3	59.8	79.3	99.4	123.2	152.7	206.7	278.5
-52.5°	4.8	13.0	25.0	41.0	59.3	78.2	98.0	119.8	145.4	189.2	243.9
-55°	4.8	13.0	24.6	40.6	58.6	77.2	96.3	116.1	140.8	170.2	220.7
-57.5°	4.8	12.9	24.2	40.1	57.8	75.9	94.4	113.8	135.7	161.0	196.3
-60°	4.8	12.8	23.7	39.4	56.8	74.4	92.2	111.1	130.5	154.3	176.3
-62.5°	4.8	12.7	23.3	38.7	55.7	72.7	89.9	108.1	126.7	146.8	167.3
-65°	4.8	12.5	22.8	37.8	54.4	70.8	87.4	104.7	122.6	140.6	157.7
-67.5°	4.8	12.4	22.3	36.8	53.0	68.6	84.5	101.1	118.0	134.5	149.8
-70°	4.8	12.2	21.7	35.8	51.4	66.4	81.5	97.3	113.5	128.2	142.3
-72.5°	4.8	12.0	21.1	34.8	49.7	64.0	78.3	93.3	108.7	122.1	134.7
-75°	4.8	11.8	20.4	33.9	47.9	61.4	75.1	89.1	103.7	115.8	127.4
-77.5°	4.8	11.5	19.7	32.8	46.3	58.7	71.6	84.6	98.2	109.2	119.8
-80°	4.8	11.3	18.9	31.7	44.8	56.3	68.0	80.0	92.4	102.1	111.7
-82.5°	4.8	11.0	18.1	30.5	43.1	54.2	65.2	75.6	86.4	94.8	103.2
-85°	4.8	10.7	17.2	29.2	41.3	51.9	62.5	71.8	81.4	88.5	95.5
-87.5°	4.8	10.4	16.3	27.9	39.5	49.6	59.6	67.9	76.4	82.8	89.2
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



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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°	87.1	91.4	95.2	99.0	103.4	107.7	112.5	117.3	122.1	126.9	130.8
87.5°	4.5	4.3	4.3	4.4	4.1	3.8	3.8	3.8	3.4	2.9	2.9
85°	4.8	4.8	4.8	4.8	4.4	4.1	4.0	3.8	3.6	3.4	3.4
82.5°	5.2	5.3	5.1	4.8	4.7	4.7	4.4	4.0	4.0	4.1	4.0
80°	5.6	5.8	5.4	5.1	5.0	4.8	4.7	4.6	4.7	4.8	4.5
77.5°	6.0	5.9	5.7	5.7	5.4	5.1	5.2	5.3	5.2	4.9	4.8
75°	6.2	5.9	5.9	5.9	5.7	5.7	5.8	5.8	5.6	5.5	5.3
72.5°	6.6	6.4	6.3	6.0	6.0	5.9	5.8	5.8	6.7	8.1	9.1
70°	7.1	6.9	6.8	6.6	6.4	6.4	7.6	9.8	12.2	14.0	16.5
67.5°	7.7	7.6	7.4	7.3	7.8	9.0	10.7	17.0	23.4	25.7	26.9
65°	8.6	8.4	8.4	9.0	9.5	14.4	20.8	28.2	36.2	37.7	36.2
62.5°	9.7	10.7	10.4	12.1	16.5	22.4	30.4	39.0	48.1	46.0	38.3
60°	13.3	13.9	15.4	19.1	24.1	30.8	39.8	43.4	47.3	48.0	37.2
57.5°	17.9	19.9	23.5	27.3	34.0	37.7	39.1	39.2	44.6	45.0	34.2
55°	24.8	28.2	33.7	38.4	42.6	38.5	38.4	42.0	43.9	40.6	30.3
52.5°	35.8	39.4	47.9	51.4	49.2	45.7	44.8	47.9	46.2	41.2	35.1
50°	47.9	58.2	63.9	66.7	61.3	60.6	55.7	58.5	60.3	57.6	60.3
47.5°	67.4	80.0	84.5	88.7	84.3	89.0	84.3	98.1	98.4	132.3	136.2
45°	91.2	108.1	113.5	123.2	130.7	135.0	161.8	163.6	235.6	263.8	324.4
42.5°	119.0	141.0	160.1	164.9	210.3	231.9	269.9	339.3	405.7	462.8	495.2
40°	154.7	178.1	218.1	262.9	314.4	365.1	421.6	503.1	573.3	604.0	620.3
37.5°	193.8	238.9	292.1	366.9	443.4	501.8	568.8	645.5	692.2	708.4	712.2
35°	235.8	300.7	389.9	468.5	550.5	628.8	691.4	764.7	780.3	793.3	865.4
32.5°	286.9	362.6	467.8	556.0	639.0	728.7	792.0	835.3	860.3	907.9	1142.9
30°	338.1	426.9	531.0	624.7	721.6	806.8	867.1	909.2	937.7	1162.5	1650.5
27.5°	380.1	482.2	585.7	694.5	801.5	887.0	945.0	983.3	1149.3	1521.9	2273.4
25°	418.3	525.6	640.3	771.7	884.2	963.3	1022.8	1060.7	1431.9	2192.8	2714.0
22.5°	454.1	567.6	702.2	853.2	966.5	1033.7	1090.8	1296.4	1858.6	2872.6	3152.9
20°	489.1	618.1	769.3	922.2	1043.6	1093.4	1153.4	1560.7	2407.5	3134.3	3441.4
17.5°	525.4	670.0	832.6	975.3	1083.8	1146.6	1242.8	1817.1	2870.9	3363.4	3585.5
15°	561.7	718.8	884.2	1022.0	1123.4	1198.8	1447.2	2184.4	3158.1	3615.2	3824.4
12.5°	597.3	761.6	923.0	1062.0	1164.9	1248.2	1634.2	2564.1	3417.4	3862.3	4139.3
10°	631.5	798.6	956.2	1100.8	1205.5	1296.2	1823.1	2935.3	3651.7	4023.5	4255.7
7.5°	661.4	828.8	984.9	1137.8	1243.5	1343.3	2030.3	3181.6	3751.3	4126.0	4314.7
5°	686.9	852.6	1013.9	1179.2	1282.8	1386.6	2218.4	3344.0	3789.3	4189.1	4376.3
2.5°	708.4	871.8	1039.0	1218.0	1321.6	1423.3	2350.2	3446.9	3815.1	4213.4	4436.9
0°	<b>726.0</b>	<b>886.6</b>	<b>1059.7</b>	<b>1252.1</b>	<b>1356.9</b>	<b>1455.9</b>	<b>2448.3</b>	<b>3496.5</b>	<b>3823.5</b>	<b>4204.3</b>	<b>4493.8</b>
-2.5°	737.4	908.3	1098.1	1285.0	1385.9	1483.2	2444.2	3525.7	3834.0	4252.9	4713.6
-5°	745.1	925.2	1130.4	1312.7	1412.1	1507.3	2402.5	3504.4	3857.1	4326.7	4857.2
-7.5°	748.9	936.6	1155.2	1335.1	1436.8	1534.2	2350.8	3455.1	3975.7	4478.5	4947.3
-10°	750.2	943.4	1160.2	1345.8	1459.8	1560.7	2265.7	3351.5	4069.2	4542.0	4973.5
-12.5°	755.2	946.6	1157.5	1350.2	1479.3	1584.8	2160.5	3282.9	4195.1	4581.2	4964.0
-15°	754.7	945.4	1149.8	1348.9	1503.2	1617.2	2020.6	3121.0	4271.8	4590.0	4938.4
-17.5°	748.4	940.0	1138.0	1344.3	1525.9	1641.5	1823.2	2787.7	4052.6	4551.2	4908.2
-20°	735.8	928.2	1121.4	1329.7	1538.5	1663.9	1799.7	2496.0	3601.7	4448.3	4851.3



REPORT NUMBER: P1305624 (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°	717.8	911.0	1101.0	1305.3	1532.5	1689.3	1816.1	2212.2	3156.4	4295.7	4759.0
-25°	696.7	886.8	1077.5	1292.1	1523.6	1713.6	1819.5	1948.6	2769.0	3790.7	4600.0
-27.5°	673.4	857.1	1051.7	1264.1	1509.9	1709.2	1818.1	1939.9	2356.4	3169.3	4346.9
-30°	646.4	823.6	1015.9	1223.5	1461.2	1663.2	1813.8	1914.6	2041.8	2682.1	3686.3
-32.5°	616.5	785.8	973.4	1177.4	1398.6	1611.8	1788.7	1894.3	2005.9	2225.1	3034.6
-35°	587.1	749.2	926.5	1124.4	1334.6	1542.1	1723.1	1872.9	1966.6	2089.8	2459.3
-37.5°	559.9	708.3	875.1	1066.5	1269.8	1455.4	1651.2	1813.6	1941.8	2031.2	2180.6
-40°	528.4	662.5	822.4	1001.6	1184.3	1361.0	1547.2	1729.7	1887.3	2005.0	2094.1
-42.5°	493.1	621.2	765.8	925.0	1093.9	1262.0	1438.1	1618.9	1791.9	1947.1	2057.5
-45°	454.7	575.0	705.2	849.7	999.6	1159.8	1327.5	1498.7	1670.3	1841.4	1977.6
-47.5°	410.3	524.3	647.8	769.3	907.5	1054.7	1210.6	1371.4	1530.3	1695.4	1852.2
-50°	364.1	469.5	582.2	694.4	814.3	947.4	1090.1	1240.4	1391.0	1543.5	1694.6
-52.5°	322.2	409.7	513.6	619.4	725.4	839.1	968.3	1105.3	1247.4	1391.3	1523.5
-55°	277.5	356.2	441.6	540.6	640.1	739.0	844.0	968.0	1096.8	1230.2	1348.8
-57.5°	243.0	302.3	376.0	457.8	550.4	644.0	736.1	829.3	944.3	1062.9	1162.6
-60°	214.5	257.3	313.6	382.9	456.5	543.1	629.6	716.2	805.1	890.1	982.2
-62.5°	188.3	223.2	262.9	311.2	375.2	442.0	518.9	598.6	680.0	753.3	820.9
-65°	177.1	193.8	223.6	259.7	296.3	353.4	415.0	477.8	548.5	613.3	674.3
-67.5°	165.2	180.6	196.1	215.1	248.0	281.8	315.8	371.3	426.6	476.8	526.6
-70°	155.6	167.5	181.2	195.1	209.3	228.7	259.0	290.4	321.7	356.4	398.4
-72.5°	146.2	156.9	167.8	178.7	191.4	204.7	218.6	232.8	254.5	281.2	305.2
-75°	137.2	146.1	155.9	165.9	175.9	186.0	197.3	210.5	223.4	236.4	248.6
-77.5°	128.5	136.7	144.8	153.2	161.9	171.0	180.8	191.2	201.9	212.5	221.9
-80°	119.4	127.1	134.1	141.3	149.0	156.8	165.1	173.6	183.0	192.7	201.2
-82.5°	109.6	115.9	122.4	128.7	135.9	143.0	150.1	157.2	164.9	172.8	179.8
-85°	100.2	104.7	110.2	115.7	122.1	128.5	134.5	140.5	147.2	153.9	159.4
-87.5°	93.7	98.1	102.4	106.7	111.8	116.9	121.9	126.8	132.4	138.0	142.2
-90°	4.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.9	2.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	134.6	137.5	140.4	141.9	143.3	146.2	149.1	153.4	157.7	162.5	167.3
87.5°	2.9	2.9	2.9	2.8	2.8	2.4	1.9	1.9	1.9	1.9	1.9
85°	3.5	3.5	3.6	3.3	2.9	2.8	2.8	2.8	2.8	2.4	1.9
82.5°	3.8	3.8	3.8	3.7	3.6	3.3	2.9	2.9	2.9	2.9	2.9
80°	4.1	4.0	3.8	3.8	3.8	3.7	3.6	3.3	2.9	3.3	3.7
77.5°	4.8	4.5	4.2	4.1	3.9	3.6	3.2	3.0	2.9	2.9	3.0
75°	5.0	5.1	5.7	5.9	5.7	5.2	4.4	4.3	4.4	4.2	3.8
72.5°	9.8	10.3	10.6	11.5	12.0	12.6	13.6	15.5	17.6	19.7	21.6
70°	19.7	22.4	23.0	23.1	23.0	23.7	24.7	25.9	27.4	28.7	29.8
67.5°	30.3	32.7	33.0	33.5	32.6	31.3	30.0	30.0	31.7	33.8	36.0
65°	36.9	34.5	32.6	32.2	31.6	30.0	27.5	25.7	25.3	25.0	25.0
62.5°	33.2	28.3	26.7	26.3	24.8	22.9	19.6	16.8	15.4	14.6	14.7
60°	28.8	23.2	19.7	18.2	15.8	13.5	11.4	9.3	8.6	8.4	8.5
57.5°	23.7	17.7	13.6	13.0	11.2	8.9	7.3	5.8	5.5	5.5	5.9
55°	21.7	18.5	15.5	14.5	12.4	11.3	9.8	7.8	7.3	7.8	8.6
52.5°	28.2	26.4	25.0	25.1	27.6	25.7	19.1	26.8	31.2	31.2	29.8
50°	61.8	55.5	79.3	76.3	95.3	108.0	98.1	110.1	127.4	139.5	147.9
47.5°	176.3	182.8	211.1	235.7	255.5	277.8	300.2	313.9	317.3	339.8	355.2
45°	355.0	376.3	407.8	423.8	455.0	491.9	517.7	529.4	597.4	681.9	736.5
42.5°	515.1	531.6	556.4	612.7	669.8	796.2	941.3	946.3	1077.4	1193.4	1312.2
40°	627.1	658.1	746.4	880.0	1188.5	1429.2	1600.4	1768.3	1796.2	1741.7	1771.5
37.5°	772.2	882.7	1106.5	1467.0	1733.9	1975.6	2072.9	2085.6	2119.5	2140.8	2107.0
35°	1045.5	1413.7	1599.3	1905.8	2100.0	2147.1	2176.5	2205.6	2233.3	2252.3	2272.9
32.5°	1644.2	2100.3	2124.8	2203.6	2239.8	2281.6	2312.8	2331.0	2343.7	2360.3	2416.6
30°	2287.7	2393.9	2402.7	2396.5	2408.9	2437.1	2457.5	2490.8	2523.9	2562.0	2686.8
27.5°	2588.2	2669.5	2644.2	2600.8	2579.3	2601.7	2657.3	2709.0	2805.2	2906.5	3085.6
25°	2920.9	2974.8	2943.8	2866.8	2818.4	2850.3	2933.7	3032.3	3216.3	3378.6	3708.3
22.5°	3277.1	3377.2	3344.9	3321.9	3220.2	3235.4	3301.2	3523.7	3984.0	4712.7	6225.9
20°	3553.3	3675.7	3691.3	3691.8	3670.4	3676.7	3829.6	4547.1	5892.8	10121.7	13870.6
17.5°	3758.1	3829.9	3916.2	3951.5	3993.5	4115.8	4931.7	7413.8	13225.4	21003.5	26959.5
15°	4023.6	4115.5	4208.9	4268.1	4362.8	5035.8	7122.1	14745.1	25313.4	38514.6	55388.4
12.5°	4236.1	4349.4	4423.5	4470.4	4688.9	6459.2	13718.0	24692.0	41181.0	61666.2	92055.2
10°	4353.7	4442.0	4543.2	4705.6	5596.4	9369.2	19345.2	34698.6	60045.8	96944.8	137420.2
7.5°	4412.2	4526.5	4695.7	4942.5	6623.9	13677.4	26912.7	48977.0	83597.7	129544.3	185940.5
5°	4480.3	4691.7	4893.1	5175.6	7421.8	16788.1	32928.3	61155.0	104132.5	160339.2	229988.9
2.5°	4590.4	4908.3	5038.1	5309.5	7902.6	18790.6	36515.4	70679.9	119466.3	185468.8	263667.2
0°	4764.0	5028.4	5106.3	5379.4	8386.5	19781.0	38622.5	73291.7	126296.6	195255.1	276931.4
-2.5°	4960.1	5125.3	5211.5	5516.0	8629.5	20791.4	40280.3	75046.6	124669.9	191995.2	271948.2
-5°	5088.0	5219.2	5302.8	5600.4	8602.9	19781.0	38428.0	69886.9	115159.6	175376.4	246860.1
-7.5°	5175.2	5311.7	5399.2	5671.9	8094.3	17094.8	33941.5	60241.6	97865.8	147251.5	208995.3
-10°	5260.2	5409.3	5524.0	5739.5	7164.0	13050.1	26640.3	45447.9	76537.2	115831.0	161995.1
-12.5°	5336.9	5521.1	5668.7	5768.0	6290.3	9926.0	19577.4	34762.6	55090.8	84423.0	118204.5
-15°	5375.7	5596.1	5761.3	5870.7	6173.5	7848.6	12677.4	23003.0	38462.1	56656.3	78638.0
-17.5°	5308.9	5637.5	5796.5	5916.8	6016.5	6447.0	8942.5	14120.1	23775.6	35694.3	46432.3
-20°	5202.5	5642.1	5822.2	5984.2	6097.4	6214.7	6532.6	8992.2	12920.3	20232.3	27389.0



REPORT NUMBER: P1305624 (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°	5112.5	5521.3	5897.1	6072.2	6202.5	6211.1	6220.9	6517.0	8050.7	10514.3	14300.1
-25°	5050.1	5437.0	5874.3	6145.5	6235.7	6238.9	6189.7	6134.7	6308.6	6483.4	7866.8
-27.5°	4944.6	5364.2	5775.2	6106.0	6239.7	6235.2	6197.8	6161.1	6100.8	6061.5	6210.7
-30°	4815.5	5237.1	5619.8	5952.5	6150.7	6211.6	6186.1	6158.8	6140.2	6127.1	6100.3
-32.5°	4127.7	5081.1	5403.5	5705.3	5988.2	6112.1	6167.3	6154.4	6137.7	6130.5	6135.2
-35°	3371.6	4355.9	5193.1	5408.2	5653.7	5900.2	6074.1	6113.4	6130.9	6127.8	6135.4
-37.5°	2585.2	3472.0	4294.5	4982.0	5277.5	5533.8	5786.6	5954.1	6054.6	6071.9	6095.6
-40°	2228.0	2478.8	3257.9	3949.0	4523.8	5053.1	5320.7	5610.2	5836.1	5927.0	5974.7
-42.5°	2133.7	2233.2	2335.6	2842.4	3437.5	3942.1	4441.9	4938.7	5351.1	5584.4	5736.1
-45°	2092.5	2148.1	2207.1	2288.7	2361.8	2787.9	3246.8	3731.0	4272.9	4677.7	5054.8
-47.5°	1972.7	2084.5	2141.0	2175.6	2201.3	2257.5	2307.9	2444.3	2895.3	3250.0	3643.4
-50°	1814.2	1927.9	2020.2	2102.2	2130.2	2143.2	2158.3	2203.7	2275.7	2328.1	2407.3
-52.5°	1630.8	1737.5	1840.3	1928.1	1990.8	2044.8	2096.3	2132.1	2161.3	2191.6	2220.2
-55°	1455.5	1546.3	1634.4	1716.8	1791.6	1853.9	1915.3	1973.6	2028.4	2079.8	2127.9
-57.5°	1263.1	1353.9	1434.9	1508.9	1572.6	1624.6	1685.1	1749.4	1809.7	1863.1	1915.2
-60°	1069.0	1151.6	1229.1	1299.1	1357.5	1403.3	1462.2	1519.8	1574.9	1624.6	1668.4
-62.5°	886.5	957.1	1023.8	1085.5	1140.8	1190.1	1239.4	1288.8	1340.8	1387.4	1428.5
-65°	732.3	788.6	836.0	880.0	917.1	961.7	1009.2	1053.4	1099.3	1142.4	1181.7
-67.5°	577.3	625.0	664.8	702.9	733.9	765.2	800.6	834.2	866.6	900.1	932.9
-70°	435.7	469.3	494.3	520.5	551.0	579.6	608.1	636.6	663.6	693.0	723.4
-72.5°	325.2	341.5	358.0	379.2	397.4	418.1	438.5	460.5	482.7	504.2	524.1
-75°	260.3	270.7	283.2	293.5	301.3	311.4	322.8	336.6	350.4	364.3	377.4
-77.5°	231.5	238.7	244.4	248.9	252.7	257.8	263.1	272.7	283.1	294.7	306.5
-80°	209.3	213.9	217.9	221.1	224.0	228.3	232.6	241.0	249.9	258.6	267.0
-82.5°	186.8	190.6	193.8	196.7	199.4	203.4	207.4	214.2	221.0	229.4	237.8
-85°	164.9	168.2	171.4	174.0	176.4	179.6	182.7	189.0	195.3	202.0	208.7
-87.5°	146.4	149.3	152.1	154.2	156.3	159.0	161.7	166.6	171.6	177.0	182.4
-90°	2.9	2.9	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.5	1.0



REPORT NUMBER: P1305624 (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°
90°	167.8	168.3	168.3	168.3	168.3	168.3	167.8	167.3	162.5	157.7	153.4
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4	2.8	2.8
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.3	2.9	3.3
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	3.0
75°	3.4	2.9	2.9	2.9	2.9	2.9	3.4	3.8	4.2	4.4	4.3
72.5°	23.5	25.3	26.3	26.9	26.3	25.3	23.5	21.6	19.7	17.6	15.5
70°	30.4	30.6	30.8	30.8	30.8	30.6	30.4	29.8	28.7	27.4	25.9
67.5°	37.3	38.1	38.4	38.5	38.4	38.1	37.3	36.0	33.8	31.7	30.0
65°	23.8	22.1	20.5	19.2	20.5	22.1	23.8	25.0	25.0	25.3	25.7
62.5°	14.4	13.9	13.6	13.5	13.6	13.9	14.4	14.7	14.6	15.4	16.8
60°	8.6	8.8	8.3	7.7	8.3	8.8	8.6	8.5	8.4	8.6	9.3
57.5°	6.2	6.6	7.1	7.7	7.1	6.6	6.2	5.9	5.5	5.5	5.8
55°	9.3	10.1	10.9	11.5	10.9	10.1	9.3	8.6	7.8	7.3	7.8
52.5°	26.9	24.1	23.2	24.0	23.2	24.1	26.9	29.8	31.2	31.2	26.8
50°	152.2	155.3	159.1	163.5	159.1	155.3	152.2	147.9	139.5	127.4	110.1
47.5°	359.5	352.7	346.4	344.3	346.4	352.7	359.5	355.2	339.8	317.3	313.9
45°	681.7	631.5	606.0	621.2	606.0	631.5	681.7	736.5	681.9	597.4	529.4
42.5°	1375.9	1450.2	1508.2	1535.7	1508.2	1450.2	1375.9	1312.2	1193.4	1077.4	946.3
40°	1725.0	1697.0	1712.0	1734.8	1712.0	1697.0	1725.0	1771.5	1741.7	1796.2	1768.3
37.5°	2123.5	2132.7	2065.7	1956.0	2065.7	2132.7	2123.5	2107.0	2140.8	2119.5	2085.6
35°	2316.8	2436.3	2660.1	2713.8	2660.1	2436.3	2316.8	2272.9	2252.3	2233.3	2205.6
32.5°	2558.8	2682.9	2720.9	2735.9	2720.9	2682.9	2558.8	2416.6	2360.3	2343.7	2331.0
30°	2848.0	2904.0	2889.9	2910.9	2889.9	2904.0	2848.0	2686.8	2562.0	2523.9	2490.8
27.5°	3164.7	3197.5	3186.8	3214.8	3186.8	3197.5	3164.7	3085.6	2906.5	2805.2	2709.0
25°	3982.7	4241.0	4227.5	4288.0	4227.5	4241.0	3982.7	3708.3	3378.6	3216.3	3032.3
22.5°	8067.9	8981.4	9528.4	10057.8	9528.4	8981.4	8067.9	6225.9	4712.7	3984.0	3523.7
20°	18026.6	20659.2	21232.3	21023.5	21232.3	20659.2	18026.6	13870.6	10121.7	5892.8	4547.1
17.5°	38694.7	49198.5	54838.5	55465.7	54838.5	49198.5	38694.7	26959.5	21003.5	13225.4	7413.8
15°	72820.9	91179.2	101602.7	102697.8	101602.7	91179.2	72820.9	55388.4	38514.6	25313.4	14745.1
12.5°	119044.6	148280.3	169742.8	172137.3	169742.8	148280.3	119044.6	92055.2	61666.2	41181.0	24692.0
10°	182360.4	221886.9	253143.1	260757.5	253143.1	221886.9	182360.4	137420.2	96944.8	60045.8	34698.6
7.5°	245555.9	290663.8	327450.1	336105.3	327450.1	290663.8	245555.9	185940.5	129544.3	83597.7	48977.0
5°	294957.9	352672.4	382028.6	391727.7	382028.6	352672.4	294957.9	229988.9	160339.2	104132.5	61155.0
2.5°	332614.4	387110.8	421574.1	435713.9	421574.1	387110.8	332614.4	263667.2	185468.8	119466.3	70679.9
0°	347150.7	400012.3	443899.4	471190.3	443899.4	400012.3	347150.7	276931.4	195255.1	126296.6	73291.7
-2.5°	341452.7	392349.2	429647.9	447351.2	429647.9	392349.2	341452.7	271948.2	191995.2	124669.9	75046.6
-5°	312647.6	364011.4	392849.8	401984.6	392849.8	364011.4	312647.6	246860.1	175376.4	115159.6	69886.9
-7.5°	264376.5	309588.2	343782.8	349912.1	343782.8	309588.2	264376.5	208995.3	147251.5	97865.8	60241.6
-10°	209534.5	248673.0	274758.9	279693.3	274758.9	248673.0	209534.5	161995.1	115831.0	76537.2	45447.9
-12.5°	148528.7	182907.7	203532.1	207337.7	203532.1	182907.7	148528.7	118204.5	84423.0	55090.8	34762.6
-15°	100932.6	122346.7	134847.0	136109.2	134847.0	122346.7	100932.6	78638.0	56656.3	38462.1	23003.0
-17.5°	63153.6	75891.3	83682.2	83754.4	83682.2	75891.3	63153.6	46432.3	35694.3	23775.6	14120.1
-20°	36562.2	42640.6	46999.4	46981.1	46999.4	42640.6	36562.2	27389.0	20232.3	12920.3	8992.2



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19049.4	22662.0	25290.3	25170.1	25290.3	22662.0	19049.4	14300.1	10514.3	8050.7	6517.0
-25°	9354.1	10737.2	11657.7	11585.9	11657.7	10737.2	9354.1	7866.8	6483.4	6308.6	6134.7
-27.5°	6339.2	6491.4	6596.5	6607.5	6596.5	6491.4	6339.2	6210.7	6061.5	6100.8	6161.1
-30°	6090.0	6124.8	6161.4	6170.9	6161.4	6124.8	6090.0	6100.3	6127.1	6140.2	6158.8
-32.5°	6150.2	6177.3	6217.6	6243.0	6217.6	6177.3	6150.2	6135.2	6130.5	6137.7	6154.4
-35°	6154.6	6186.1	6232.7	6253.6	6232.7	6186.1	6154.6	6135.4	6127.8	6130.9	6113.4
-37.5°	6125.9	6164.5	6204.5	6222.8	6204.5	6164.5	6125.9	6095.6	6071.9	6054.6	5954.1
-40°	6017.2	6056.7	6085.9	6088.2	6085.9	6056.7	6017.2	5974.7	5927.0	5836.1	5610.2
-42.5°	5837.2	5886.0	5908.5	5904.5	5908.5	5886.0	5837.2	5736.1	5584.4	5351.1	4938.7
-45°	5412.4	5585.3	5670.2	5691.0	5670.2	5585.3	5412.4	5054.8	4677.7	4272.9	3731.0
-47.5°	4099.5	4353.0	4515.6	4580.3	4515.6	4353.0	4099.5	3643.4	3250.0	2895.3	2444.3
-50°	2510.9	2534.4	2550.0	2558.0	2550.0	2534.4	2510.9	2407.3	2328.1	2275.7	2203.7
-52.5°	2244.1	2250.9	2254.5	2255.1	2254.5	2250.9	2244.1	2220.2	2191.6	2161.3	2132.1
-55°	2162.6	2176.1	2184.6	2186.8	2184.6	2176.1	2162.6	2127.9	2079.8	2028.4	1973.6
-57.5°	1949.6	1957.4	1966.0	1971.4	1966.0	1957.4	1949.6	1915.2	1863.1	1809.7	1749.4
-60°	1694.6	1701.6	1703.0	1698.3	1703.0	1701.6	1694.6	1668.4	1624.6	1574.9	1519.8
-62.5°	1451.0	1457.6	1464.1	1466.5	1464.1	1457.6	1451.0	1428.5	1387.4	1340.8	1288.8
-65°	1200.1	1203.4	1204.9	1202.1	1204.9	1203.4	1200.1	1181.7	1142.4	1099.3	1053.4
-67.5°	948.3	954.8	964.0	970.3	964.0	954.8	948.3	932.9	900.1	866.6	834.2
-70°	730.5	727.6	733.8	738.5	733.8	727.6	730.5	723.4	693.0	663.6	636.6
-72.5°	526.7	523.6	521.4	517.4	521.4	523.6	526.7	524.1	504.2	482.7	460.5
-75°	376.7	372.9	372.3	371.2	372.3	372.9	376.7	377.4	364.3	350.4	336.6
-77.5°	306.7	305.2	303.3	301.0	303.3	305.2	306.7	306.5	294.7	283.1	272.7
-80°	267.8	267.9	266.8	265.4	266.8	267.9	267.8	267.0	258.6	249.9	241.0
-82.5°	238.2	238.2	237.5	236.6	237.5	238.2	238.2	237.8	229.4	221.0	214.2
-85°	209.1	209.4	208.6	207.7	208.6	209.4	209.1	208.7	202.0	195.3	189.0
-87.5°	183.1	183.6	183.2	182.7	183.2	183.6	183.1	182.4	177.0	171.6	166.6
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.9	1.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	149.1	146.2	143.3	141.9	140.4	137.5	134.6	130.8	126.9	122.1	117.3
87.5°	1.9	2.4	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.4	3.8
85°	2.8	2.8	2.9	3.3	3.6	3.5	3.5	3.4	3.4	3.6	3.8
82.5°	2.9	3.3	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.0	4.0
80°	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.5	4.8	4.7	4.6
77.5°	3.2	3.6	3.9	4.1	4.2	4.5	4.8	4.8	4.9	5.2	5.3
75°	4.4	5.2	5.7	5.9	5.7	5.1	5.0	5.3	5.5	5.6	5.8
72.5°	13.6	12.6	12.0	11.5	10.6	10.3	9.8	9.1	8.1	6.7	5.8
70°	24.7	23.7	23.0	23.1	23.0	22.4	19.7	16.5	14.0	12.2	9.8
67.5°	30.0	31.3	32.6	33.5	33.0	32.7	30.3	26.9	25.7	23.4	17.0
65°	27.5	30.0	31.6	32.2	32.6	34.5	36.9	36.2	37.7	36.2	28.2
62.5°	19.6	22.9	24.8	26.3	26.7	28.3	33.2	38.3	46.0	48.1	39.0
60°	11.4	13.5	15.8	18.2	19.7	23.2	28.8	37.2	48.0	47.3	43.4
57.5°	7.3	8.9	11.2	13.0	13.6	17.7	23.7	34.2	45.0	44.6	39.2
55°	9.8	11.3	12.4	14.5	15.5	18.5	21.7	30.3	40.6	43.9	42.0
52.5°	19.1	25.7	27.6	25.1	25.0	26.4	28.2	35.1	41.2	46.2	47.9
50°	98.1	108.0	95.3	76.3	79.3	55.5	61.8	60.3	57.6	60.3	58.5
47.5°	300.2	277.8	255.5	235.7	211.1	182.8	176.3	136.2	132.3	98.4	98.1
45°	517.7	491.9	455.0	423.8	407.8	376.3	355.0	324.4	263.8	235.6	163.6
42.5°	941.3	796.2	669.8	612.7	556.4	531.6	515.1	495.2	462.8	405.7	339.3
40°	1600.4	1429.2	1188.5	880.0	746.4	658.1	627.1	620.3	604.0	573.3	503.1
37.5°	2072.9	1975.6	1733.9	1467.0	1106.5	882.7	772.2	712.2	708.4	692.2	645.5
35°	2176.5	2147.1	2100.0	1905.8	1599.3	1413.7	1045.5	865.4	793.3	780.3	764.7
32.5°	2312.8	2281.6	2239.8	2203.6	2124.8	2100.3	1644.2	1142.9	907.9	860.3	835.3
30°	2457.5	2437.1	2408.9	2396.5	2402.7	2393.9	2287.7	1650.5	1162.5	937.7	909.2
27.5°	2657.3	2601.7	2579.3	2600.8	2644.2	2669.5	2588.2	2273.4	1521.9	1149.3	983.3
25°	2933.7	2850.3	2818.4	2866.8	2943.8	2974.8	2920.9	2714.0	2192.8	1431.9	1060.7
22.5°	3301.2	3235.4	3220.2	3321.9	3344.9	3377.2	3277.1	3152.9	2872.6	1858.6	1296.4
20°	3829.6	3676.7	3670.4	3691.8	3691.3	3675.7	3553.3	3441.4	3134.3	2407.5	1560.7
17.5°	4931.7	4115.8	3993.5	3951.5	3916.2	3829.9	3758.1	3585.5	3363.4	2870.9	1817.1
15°	7122.1	5035.8	4362.8	4268.1	4208.9	4115.5	4023.6	3824.4	3615.2	3158.1	2184.4
12.5°	13718.0	6459.2	4688.9	4470.4	4423.5	4349.4	4236.1	4139.3	3862.3	3417.4	2564.1
10°	19345.2	9369.2	5596.4	4705.6	4543.2	4442.0	4353.7	4255.7	4023.5	3651.7	2935.3
7.5°	26912.7	13677.4	6623.9	4942.5	4695.7	4526.5	4412.2	4314.7	4126.0	3751.3	3181.6
5°	32928.3	16788.1	7421.8	5175.6	4893.1	4691.7	4480.3	4376.3	4189.1	3789.3	3344.0
2.5°	36515.4	18790.6	7902.6	5309.5	5038.1	4908.3	4590.4	4436.9	4213.4	3815.1	3446.9
0°	<b>38622.5</b>	<b>19781.0</b>	<b>8386.5</b>	<b>5379.4</b>	<b>5106.3</b>	<b>5028.4</b>	<b>4764.0</b>	<b>4493.8</b>	<b>4204.3</b>	<b>3823.5</b>	<b>3496.5</b>
-2.5°	40280.3	20791.4	8629.5	5516.0	5211.5	5125.3	4960.1	4713.6	4252.9	3834.0	3525.7
-5°	38428.0	19781.0	8602.9	5600.4	5302.8	5219.2	5088.0	4857.2	4326.7	3857.1	3504.4
-7.5°	33941.5	17094.8	8094.3	5671.9	5399.2	5311.7	5175.2	4947.3	4478.5	3975.7	3455.1
-10°	26640.3	13050.1	7164.0	5739.5	5524.0	5409.3	5260.2	4973.5	4542.0	4069.2	3351.5
-12.5°	19577.4	9926.0	6290.3	5768.0	5668.7	5521.1	5336.9	4964.0	4581.2	4195.1	3282.9
-15°	12677.4	7848.6	6173.5	5870.7	5761.3	5596.1	5375.7	4938.4	4590.0	4271.8	3121.0
-17.5°	8942.5	6447.0	6016.5	5916.8	5796.5	5637.5	5308.9	4908.2	4551.2	4052.6	2787.7
-20°	6532.6	6214.7	6097.4	5984.2	5822.2	5642.1	5202.5	4851.3	4448.3	3601.7	2496.0



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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°	6220.9	6211.1	6202.5	6072.2	5897.1	5521.3	5112.5	4759.0	4295.7	3156.4	2212.2
-25°	6189.7	6238.9	6235.7	6145.5	5874.3	5437.0	5050.1	4600.0	3790.7	2769.0	1948.6
-27.5°	6197.8	6235.2	6239.7	6106.0	5775.2	5364.2	4944.6	4346.9	3169.3	2356.4	1939.9
-30°	6186.1	6211.6	6150.7	5952.5	5619.8	5237.1	4815.5	3686.3	2682.1	2041.8	1914.6
-32.5°	6167.3	6112.1	5988.2	5705.3	5403.5	5081.1	4127.7	3034.6	2225.1	2005.9	1894.3
-35°	6074.1	5900.2	5653.7	5408.2	5193.1	4355.9	3371.6	2459.3	2089.8	1966.6	1872.9
-37.5°	5786.6	5533.8	5277.5	4982.0	4294.5	3472.0	2585.2	2180.6	2031.2	1941.8	1813.6
-40°	5320.7	5053.1	4523.8	3949.0	3257.9	2478.8	2228.0	2094.1	2005.0	1887.3	1729.7
-42.5°	4441.9	3942.1	3437.5	2842.4	2335.6	2233.2	2133.7	2057.5	1947.1	1791.9	1618.9
-45°	3246.8	2787.9	2361.8	2288.7	2207.1	2148.1	2092.5	1977.6	1841.4	1670.3	1498.7
-47.5°	2307.9	2257.5	2201.3	2175.6	2141.0	2084.5	1972.7	1852.2	1695.4	1530.3	1371.4
-50°	2158.3	2143.2	2130.2	2102.2	2020.2	1927.9	1814.2	1694.6	1543.5	1391.0	1240.4
-52.5°	2096.3	2044.8	1990.8	1928.1	1840.3	1737.5	1630.8	1523.5	1391.3	1247.4	1105.3
-55°	1915.3	1853.9	1791.6	1716.8	1634.4	1546.3	1455.5	1348.8	1230.2	1096.8	968.0
-57.5°	1685.1	1624.6	1572.6	1508.9	1434.9	1353.9	1263.1	1162.6	1062.9	944.3	829.3
-60°	1462.2	1403.3	1357.5	1299.1	1229.1	1151.6	1069.0	982.2	890.1	805.1	716.2
-62.5°	1239.4	1190.1	1140.8	1085.5	1023.8	957.1	886.5	820.9	753.3	680.0	598.6
-65°	1009.2	961.7	917.1	880.0	836.0	788.6	732.3	674.3	613.3	548.5	477.8
-67.5°	800.6	765.2	733.9	702.9	664.8	625.0	577.3	526.6	476.8	426.6	371.3
-70°	608.1	579.6	551.0	520.5	494.3	469.3	435.7	398.4	356.4	321.7	290.4
-72.5°	438.5	418.1	397.4	379.2	358.0	341.5	325.2	305.2	281.2	254.5	232.8
-75°	322.8	311.4	301.3	293.5	283.2	270.7	260.3	248.6	236.4	223.4	210.5
-77.5°	263.1	257.8	252.7	248.9	244.4	238.7	231.5	221.9	212.5	201.9	191.2
-80°	232.6	228.3	224.0	221.1	217.9	213.9	209.3	201.2	192.7	183.0	173.6
-82.5°	207.4	203.4	199.4	196.7	193.8	190.6	186.8	179.8	172.8	164.9	157.2
-85°	182.7	179.6	176.4	174.0	171.4	168.2	164.9	159.4	153.9	147.2	140.5
-87.5°	161.7	159.0	156.3	154.2	152.1	149.3	146.4	142.2	138.0	132.4	126.8
-90°	1.9	1.9	1.9	2.4	2.9	2.9	2.9	2.9	2.9	3.4	3.8



REPORT NUMBER: P1305624 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	112.5	107.7	103.4	99.0	95.2	91.4	87.1	82.7	77.0	71.2	64.0
87.5°	3.8	3.8	4.1	4.4	4.3	4.3	4.5	4.8	4.8	4.8	5.0
85°	4.0	4.1	4.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.1
82.5°	4.4	4.7	4.7	4.8	5.1	5.3	5.2	5.1	5.0	4.9	5.3
80°	4.7	4.8	5.0	5.1	5.4	5.8	5.6	5.5	5.6	5.5	5.6
77.5°	5.2	5.1	5.4	5.7	5.7	5.9	6.0	6.0	6.2	6.2	6.0
75°	5.8	5.7	5.7	5.9	5.9	5.9	6.2	6.4	6.6	6.7	6.4
72.5°	5.8	5.9	6.0	6.0	6.3	6.4	6.6	6.8	7.0	7.1	6.8
70°	7.6	6.4	6.4	6.6	6.8	6.9	7.1	7.4	7.5	7.5	7.3
67.5°	10.7	9.0	7.8	7.3	7.4	7.6	7.7	8.0	8.1	8.0	7.8
65°	20.8	14.4	9.5	9.0	8.4	8.4	8.6	8.9	8.9	9.0	8.4
62.5°	30.4	22.4	16.5	12.1	10.4	10.7	9.7	10.3	9.9	10.1	9.4
60°	39.8	30.8	24.1	19.1	15.4	13.9	13.3	12.1	11.9	11.3	10.8
57.5°	39.1	37.7	34.0	27.3	23.5	19.9	17.9	16.1	14.3	13.7	12.3
55°	38.4	38.5	42.6	38.4	33.7	28.2	24.8	21.6	17.8	16.5	14.1
52.5°	44.8	45.7	49.2	51.4	47.9	39.4	35.8	27.6	24.5	19.5	17.0
50°	55.7	60.6	61.3	66.7	63.9	58.2	47.9	39.5	31.8	23.9	20.3
47.5°	84.3	89.0	84.3	88.7	84.5	80.0	67.4	53.7	39.7	31.3	23.7
45°	161.8	135.0	130.7	123.2	113.5	108.1	91.2	69.2	54.0	39.4	27.2
42.5°	269.9	231.9	210.3	164.9	160.1	141.0	119.0	94.1	69.3	48.1	33.2
40°	421.6	365.1	314.4	262.9	218.1	178.1	154.7	122.4	85.7	59.3	41.1
37.5°	568.8	501.8	443.4	366.9	292.1	238.9	193.8	152.6	106.8	75.2	49.3
35°	691.4	628.8	550.5	468.5	389.9	300.7	235.8	186.5	135.0	92.0	57.8
32.5°	792.0	728.7	639.0	556.0	467.8	362.6	286.9	222.5	163.7	109.4	66.5
30°	867.1	806.8	721.6	624.7	531.0	426.9	338.1	256.7	192.8	127.5	76.6
27.5°	945.0	887.0	801.5	694.5	585.7	482.2	380.1	289.2	222.0	146.1	90.0
25°	1022.8	963.3	884.2	771.7	640.3	525.6	418.3	320.0	249.7	165.6	102.6
22.5°	1090.8	1033.7	966.5	853.2	702.2	567.6	454.1	353.4	268.5	183.5	114.5
20°	1153.4	1093.4	1043.6	922.2	769.3	618.1	489.1	379.3	285.9	199.9	125.6
17.5°	1242.8	1146.6	1083.8	975.3	832.6	670.0	525.4	403.9	301.9	214.8	135.9
15°	1447.2	1198.8	1123.4	1022.0	884.2	718.8	561.7	427.5	316.4	228.0	145.0
12.5°	1634.2	1248.2	1164.9	1062.0	923.0	761.6	597.3	449.8	329.4	240.5	152.7
10°	1823.1	1296.2	1205.5	1100.8	956.2	798.6	631.5	472.9	345.5	252.4	159.5
7.5°	2030.3	1343.3	1243.5	1137.8	984.9	828.8	661.4	499.2	361.1	263.1	165.5
5°	2218.4	1386.6	1282.8	1179.2	1013.9	852.6	686.9	523.3	375.4	272.5	170.6
2.5°	2350.2	1423.3	1321.6	1218.0	1039.0	871.8	708.4	544.9	388.2	280.3	174.7
0°	<b>2448.3</b>	<b>1455.9</b>	<b>1356.9</b>	<b>1252.1</b>	<b>1059.7</b>	<b>886.6</b>	<b>726.0</b>	<b>563.5</b>	<b>399.1</b>	<b>286.6</b>	<b>177.9</b>
-2.5°	2444.2	1483.2	1385.9	1285.0	1098.1	908.3	737.4	573.3	410.6	295.3	184.4
-5°	2402.5	1507.3	1412.1	1312.7	1130.4	925.2	745.1	579.9	420.0	302.3	189.8
-7.5°	2350.8	1534.2	1436.8	1335.1	1155.2	936.6	748.9	583.4	427.1	307.3	194.0
-10°	2265.7	1560.7	1459.8	1345.8	1160.2	943.4	750.2	584.0	431.8	310.3	196.9
-12.5°	2160.5	1584.8	1479.3	1350.2	1157.5	946.6	755.2	583.3	433.8	311.2	198.4
-15°	2020.6	1617.2	1503.2	1348.9	1149.8	945.4	754.7	579.3	430.3	309.0	198.4
-17.5°	1823.2	1641.5	1525.9	1344.3	1138.0	940.0	748.4	570.7	424.2	303.2	196.4
-20°	1799.7	1663.9	1538.5	1329.7	1121.4	928.2	735.8	557.3	415.6	295.6	192.7



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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°	1816.1	1689.3	1532.5	1305.3	1101.0	911.0	717.8	539.6	404.4	286.0	187.7
-25°	1819.5	1713.6	1523.6	1292.1	1077.5	886.8	696.7	522.2	390.5	274.6	181.4
-27.5°	1818.1	1709.2	1509.9	1264.1	1051.7	857.1	673.4	509.9	379.1	261.2	173.9
-30°	1813.8	1663.2	1461.2	1223.5	1015.9	823.6	646.4	494.6	366.3	250.6	165.0
-32.5°	1788.7	1611.8	1398.6	1177.4	973.4	785.8	616.5	475.9	350.7	241.6	159.5
-35°	1723.1	1542.1	1334.6	1124.4	926.5	749.2	587.1	454.0	332.3	230.4	154.8
-37.5°	1651.2	1455.4	1269.8	1066.5	875.1	708.3	559.9	430.1	311.2	216.9	149.4
-40°	1547.2	1361.0	1184.3	1001.6	822.4	662.5	528.4	403.4	292.0	201.3	142.7
-42.5°	1438.1	1262.0	1093.9	925.0	765.8	621.2	493.1	373.0	271.5	189.4	134.7
-45°	1327.5	1159.8	999.6	849.7	705.2	575.0	454.7	340.3	248.3	178.8	128.6
-47.5°	1210.6	1054.7	907.5	769.3	647.8	524.3	410.3	310.9	222.7	166.5	126.1
-50°	1090.1	947.4	814.3	694.4	582.2	469.5	364.1	278.5	206.7	152.7	123.2
-52.5°	968.3	839.1	725.4	619.4	513.6	409.7	322.2	243.9	189.2	145.4	119.8
-55°	844.0	739.0	640.1	540.6	441.6	356.2	277.5	220.7	170.2	140.8	116.1
-57.5°	736.1	644.0	550.4	457.8	376.0	302.3	243.0	196.3	161.0	135.7	113.8
-60°	629.6	543.1	456.5	382.9	313.6	257.3	214.5	176.3	154.3	130.5	111.1
-62.5°	518.9	442.0	375.2	311.2	262.9	223.2	188.3	167.3	146.8	126.7	108.1
-65°	415.0	353.4	296.3	259.7	223.6	193.8	177.1	157.7	140.6	122.6	104.7
-67.5°	315.8	281.8	248.0	215.1	196.1	180.6	165.2	149.8	134.5	118.0	101.1
-70°	259.0	228.7	209.3	195.1	181.2	167.5	155.6	142.3	128.2	113.5	97.3
-72.5°	218.6	204.7	191.4	178.7	167.8	156.9	146.2	134.7	122.1	108.7	93.3
-75°	197.3	186.0	175.9	165.9	155.9	146.1	137.2	127.4	115.8	103.7	89.1
-77.5°	180.8	171.0	161.9	153.2	144.8	136.7	128.5	119.8	109.2	98.2	84.6
-80°	165.1	156.8	149.0	141.3	134.1	127.1	119.4	111.7	102.1	92.4	80.0
-82.5°	150.1	143.0	135.9	128.7	122.4	115.9	109.6	103.2	94.8	86.4	75.6
-85°	134.5	128.5	122.1	115.7	110.2	104.7	100.2	95.5	88.5	81.4	71.8
-87.5°	121.9	116.9	111.8	106.7	102.4	98.1	93.7	89.2	82.8	76.4	67.9
-90°	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	4.8	4.8	4.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	56.7	47.1	37.5	26.4	15.4	10.1	4.8
87.5°	5.1	5.0	5.0	5.0	5.0	4.9	4.8
85°	5.3	5.2	5.1	5.2	5.1	5.1	4.8
82.5°	5.6	5.4	5.3	5.4	5.3	5.2	4.8
80°	5.8	5.7	5.5	5.6	5.5	5.3	4.8
77.5°	6.1	5.9	5.7	5.8	5.6	5.4	4.8
75°	6.3	6.2	5.9	6.0	5.8	5.6	4.8
72.5°	6.6	6.5	6.3	6.2	6.0	5.7	4.8
70°	6.9	6.9	6.6	6.4	6.2	5.8	4.8
67.5°	7.5	7.2	6.9	6.6	6.4	5.9	4.8
65°	8.1	7.7	7.3	6.9	6.6	6.1	4.8
62.5°	8.7	8.3	7.6	7.2	6.8	6.2	4.8
60°	9.4	8.9	7.9	7.4	7.0	6.3	4.8
57.5°	10.9	9.5	8.6	7.7	7.2	6.4	4.8
55°	12.7	10.1	9.3	7.9	7.5	6.6	4.8
52.5°	14.6	10.9	10.0	8.2	7.8	6.7	4.8
50°	16.7	12.9	10.8	8.4	8.2	6.8	4.8
47.5°	19.0	15.0	11.6	8.7	8.5	6.9	4.8
45°	22.0	17.2	12.5	9.4	8.9	7.1	4.8
42.5°	25.2	19.4	13.4	10.1	9.3	7.2	4.8
40°	28.5	21.7	14.7	11.0	9.7	7.3	4.8
37.5°	32.1	24.1	16.5	12.2	10.2	7.4	4.8
35°	35.8	26.9	18.4	13.3	10.6	7.5	4.8
32.5°	40.6	29.8	20.2	14.6	11.1	7.6	4.8
30°	47.7	32.7	22.0	15.8	11.6	7.7	4.8
27.5°	54.7	35.7	24.3	17.1	12.1	7.8	4.8
25°	61.7	38.6	26.6	18.4	12.6	8.0	4.8
22.5°	68.4	41.5	28.9	19.7	13.1	8.0	4.8
20°	75.0	44.6	31.1	21.0	13.6	8.1	4.8
17.5°	81.0	47.6	33.2	22.4	14.1	8.2	4.8
15°	86.4	50.5	35.2	23.7	14.6	8.3	4.8
12.5°	91.4	53.2	37.1	25.0	15.1	8.4	4.8
10°	95.8	55.8	38.9	26.2	15.6	8.5	4.8
7.5°	99.8	58.2	40.6	27.5	16.0	8.5	4.8
5°	103.3	60.4	42.3	28.6	16.5	8.6	4.8
2.5°	106.2	62.5	43.8	29.7	16.9	8.7	4.8
0°	108.7	64.4	45.2	30.8	17.3	8.7	4.8
-2.5°	112.2	67.1	47.2	32.1	18.2	9.1	4.8
-5°	115.1	69.6	49.0	33.4	19.1	9.4	4.8
-7.5°	117.5	71.8	50.8	34.6	19.9	9.8	4.8
-10°	119.3	73.9	52.4	35.7	20.7	10.1	4.8
-12.5°	120.5	75.7	53.8	36.7	21.5	10.5	4.8
-15°	121.1	77.3	55.1	37.7	22.1	10.8	4.8
-17.5°	121.1	78.6	56.3	38.5	22.8	11.1	4.8
-20°	120.6	79.7	57.3	39.2	23.4	11.4	4.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.6	80.5	58.1	39.9	23.9	11.6	4.8
-25°	118.0	81.2	58.8	40.4	24.4	11.9	4.8
-27.5°	115.7	81.8	59.3	40.9	24.8	12.1	4.8
-30°	112.6	82.0	59.6	41.3	25.1	12.3	4.8
-32.5°	108.8	82.0	60.1	41.5	25.4	12.5	4.8
-35°	107.3	81.8	60.4	41.7	25.6	12.6	4.8
-37.5°	106.7	81.5	60.5	41.8	25.7	12.7	4.8
-40°	105.7	81.4	60.5	41.8	25.7	12.8	4.8
-42.5°	104.4	81.2	60.4	41.7	25.7	12.9	4.8
-45°	102.8	80.7	60.4	41.7	25.6	13.0	4.8
-47.5°	100.7	80.1	60.2	41.5	25.5	13.0	4.8
-50°	99.4	79.3	59.8	41.3	25.3	13.0	4.8
-52.5°	98.0	78.2	59.3	41.0	25.0	13.0	4.8
-55°	96.3	77.2	58.6	40.6	24.6	13.0	4.8
-57.5°	94.4	75.9	57.8	40.1	24.2	12.9	4.8
-60°	92.2	74.4	56.8	39.4	23.7	12.8	4.8
-62.5°	89.9	72.7	55.7	38.7	23.3	12.7	4.8
-65°	87.4	70.8	54.4	37.8	22.8	12.5	4.8
-67.5°	84.5	68.6	53.0	36.8	22.3	12.4	4.8
-70°	81.5	66.4	51.4	35.8	21.7	12.2	4.8
-72.5°	78.3	64.0	49.7	34.8	21.1	12.0	4.8
-75°	75.1	61.4	47.9	33.9	20.4	11.8	4.8
-77.5°	71.6	58.7	46.3	32.8	19.7	11.5	4.8
-80°	68.0	56.3	44.8	31.7	18.9	11.3	4.8
-82.5°	65.2	54.2	43.1	30.5	18.1	11.0	4.8
-85°	62.5	51.9	41.3	29.2	17.2	10.7	4.8
-87.5°	59.6	49.6	39.5	27.9	16.3	10.4	4.8
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)