

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: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-7F-HEG-A**

Issue Date: 2/3/2026

**Test Information**

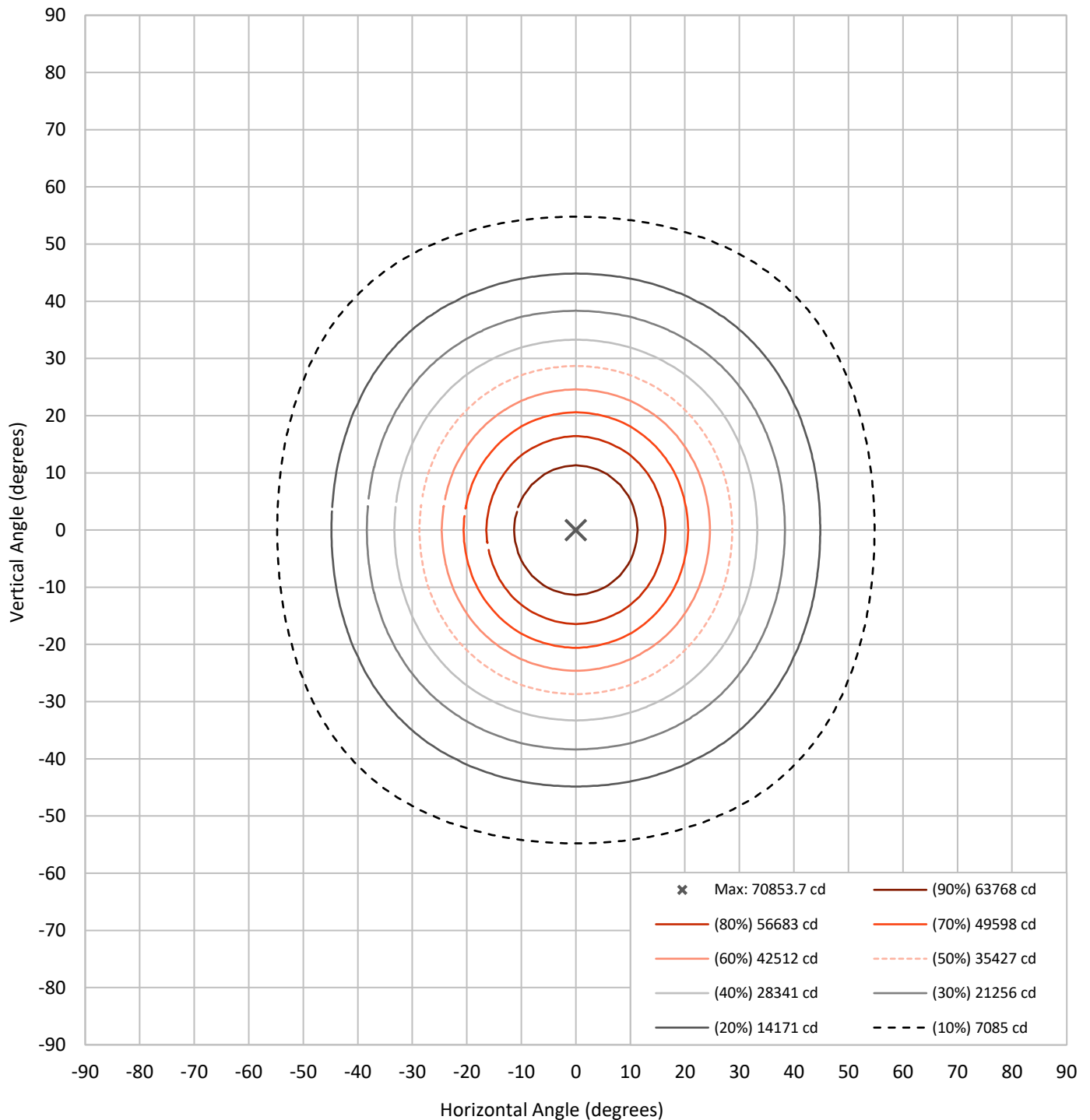
Test Method: LM-79-08  
Report Number: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-80-7F-HEG-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	79944.5 lumens	Max Intensity:	70853.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	39372.6 lumens	Field Lumens:	72526.9 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
Input Watts (W):	554		
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





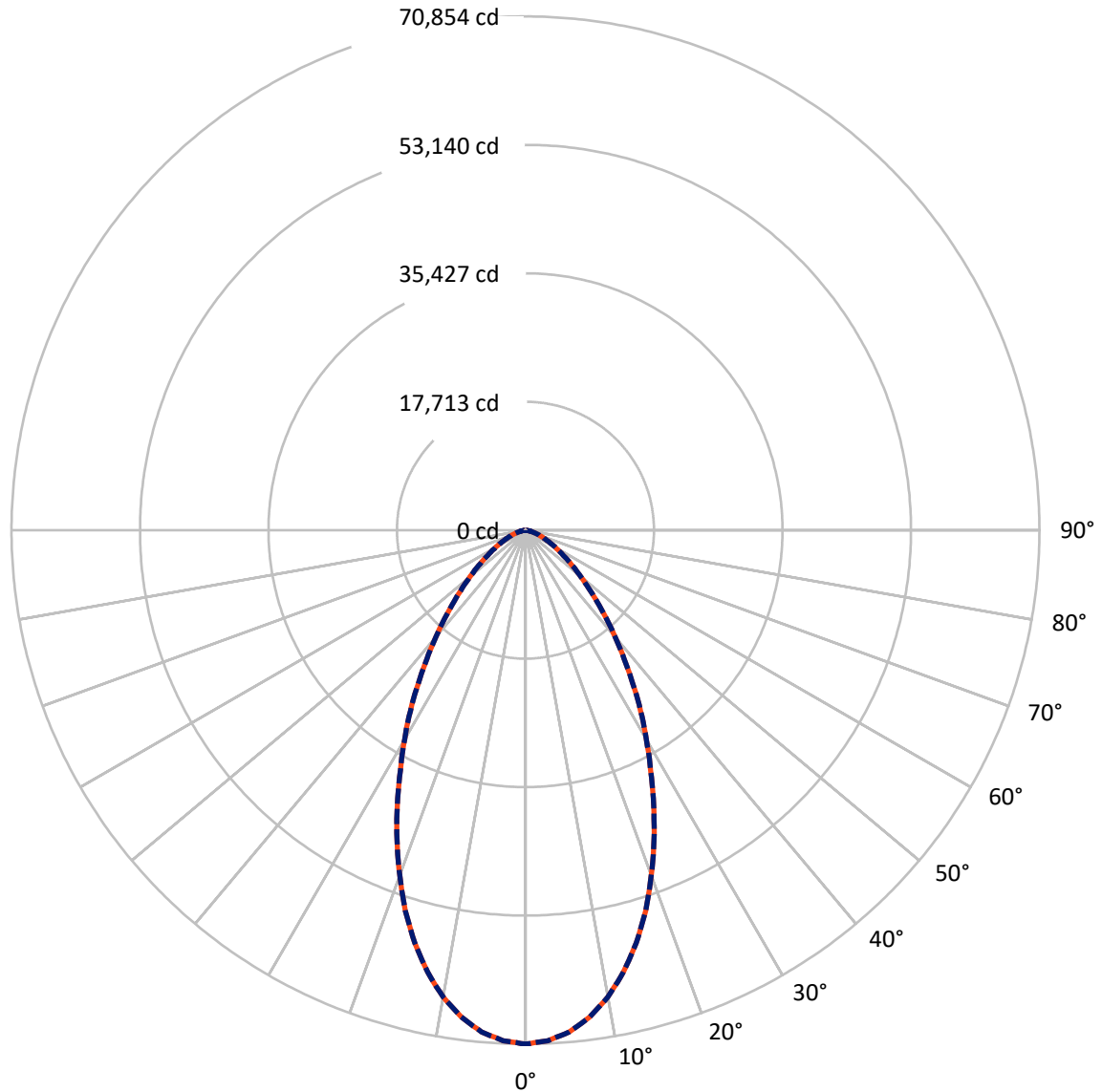
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### Lumen Table

90																			
80	0.9	10.8		36.7		67.1		80.5		67.1		36.7		10.8		0.9			
70																			
60	5.2	7.1	17.7	33.4	52.5	72.1	88.6	97.7	97.7	88.6	72.1	52.5	33.4	17.7	7.1	5.2			
50		13.2	33.2	63.6	103.5	148.0	188.2	211.9	211.9	188.2	148.0	103.5	63.6	33.2	13.2				
40	12.1	20.3	51.9	104.4	181.1	275.3	365.9	422.2	422.2	365.9	275.3	181.1	104.4	51.9	20.3	12.1			
30		27.7	73.1	156.9	291.5	470.2	652.0	769.2	769.2	652.0	470.2	291.5	156.9	73.1	27.7				
20	18.4	34.4	94.8	216.1	426.1	721.2	1029.9	1235.6	1235.6	1029.9	721.2	426.1	216.1	94.8	34.4	18.4			
10		39.7	113.2	269.9	555.3	968.0	1421.2	1726.7	1726.7	1421.2	968.0	555.3	269.9	113.2	39.7				
0	20.8	42.5	123.7	302.3	635.7	1127.0	1675.6	2032.9	2032.9	1675.6	1127.0	635.7	302.3	123.7	42.5	20.8			
-10		42.5	123.7	302.3	635.7	1127.0	1675.6	2032.9	2032.9	1675.6	1127.0	635.7	302.3	123.7	42.5				
-20	18.4	39.7	113.2	269.9	555.3	968.0	1421.2	1726.7	1726.7	1421.2	968.0	555.3	269.9	113.2	39.7	18.4			
-30		34.4	94.8	216.1	426.1	721.2	1029.9	1235.6	1235.6	1029.9	721.2	426.1	216.1	94.8	34.4				
-40	12.1	27.7	73.1	156.9	291.5	470.2	652.0	769.2	769.2	652.0	470.2	291.5	156.9	73.1	27.7	12.1			
-50		20.3	51.9	104.4	181.1	275.3	365.9	422.2	422.2	365.9	275.3	181.1	104.4	51.9	20.3				
-60	5.2	13.2	33.2	63.6	103.5	148.0	188.2	211.9	211.9	188.2	148.0	103.5	63.6	33.2	13.2	5.2			
-70		7.1	17.7	33.4	52.5	72.1	88.6	97.7	97.7	88.6	72.1	52.5	33.4	17.7	7.1				
-80	0.9	10.8		36.7		67.1		80.5		67.1		36.7		10.8		0.9			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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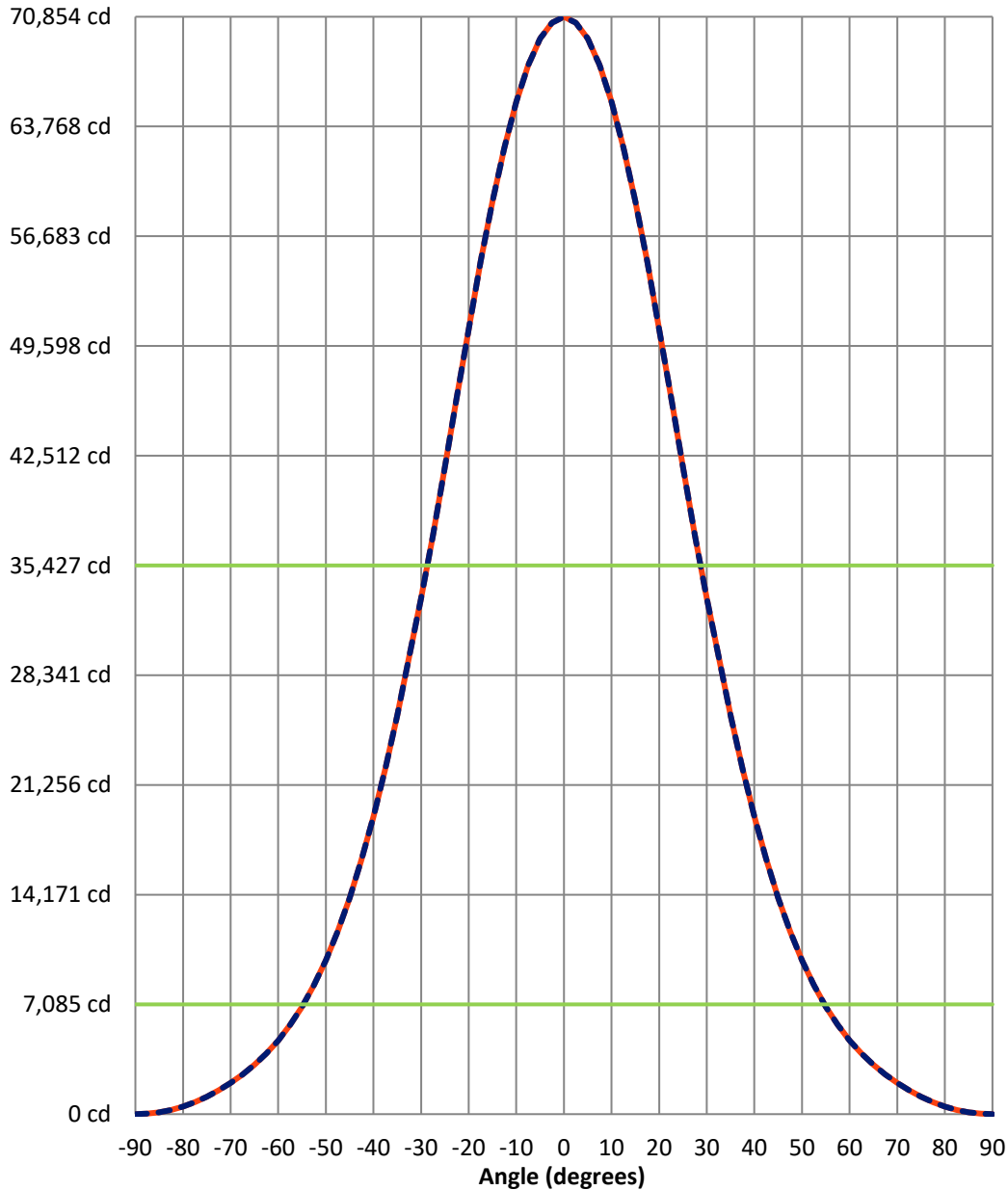
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 57.4°  
 V Angle: 57.4°  
 Lumens: 39372.6  
 Efficiency: 49.2%

**Field:**  
 H Angle: 109.4°  
 V Angle: 109.4°  
 Lumens: 72526.9  
 Efficiency: 90.7%

**Spill:**  
 Lumens: 7417.6  
 Efficiency: 9.3%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
85°	0.0	3.1	6.3	9.4	12.5	15.6	18.6	21.6	24.6	27.5	30.4
82.5°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	37.9	47.9	57.8
80°	0.0	6.2	12.5	18.7	24.9	31.0	38.5	52.2	65.8	79.1	92.2
77.5°	0.0	7.8	15.6	23.3	31.0	42.1	59.4	76.5	93.4	110.0	133.1
75°	0.0	9.3	18.6	27.9	38.5	59.4	80.1	100.6	122.9	159.2	194.9
72.5°	0.0	10.8	21.6	32.4	52.2	76.5	100.6	129.5	172.3	214.5	256.1
70°	0.0	12.3	24.6	37.9	65.8	93.4	122.9	172.3	221.1	269.8	340.0
67.5°	0.0	13.8	27.5	47.9	79.1	110.0	159.2	214.5	269.8	349.8	428.4
65°	0.0	15.2	30.4	57.8	92.2	133.1	194.9	256.1	340.0	428.4	522.8
62.5°	0.0	16.6	33.2	67.4	105.0	162.3	229.9	310.7	408.8	510.2	632.9
60°	0.0	18.0	36.0	76.8	117.6	190.9	264.1	369.8	476.3	607.6	740.9
57.5°	0.0	19.3	42.1	86.0	139.4	218.8	311.8	427.6	557.1	702.8	862.4
55°	0.0	20.6	48.0	95.0	161.1	245.9	360.1	483.9	639.8	800.3	988.5
52.5°	0.0	21.9	53.8	103.7	182.2	274.3	406.9	552.4	720.1	910.8	1111.2
50°	0.0	23.1	59.4	112.0	202.6	312.1	452.3	620.5	803.1	1018.0	1251.5
47.5°	0.0	24.3	64.8	121.7	222.3	348.6	497.9	686.4	895.2	1121.7	1389.7
45°	0.0	25.5	70.0	135.9	241.2	383.7	552.1	749.7	983.8	1241.0	1523.0
42.5°	0.0	26.5	74.9	149.5	259.3	417.3	604.1	818.3	1069.0	1356.0	1666.4
40°	0.0	27.6	79.7	162.5	280.8	449.4	653.7	889.3	1155.6	1466.1	1806.1
37.5°	0.0	28.6	84.2	174.8	305.1	479.9	700.9	956.8	1248.4	1574.9	1939.4
35°	0.0	29.5	88.4	186.4	328.2	514.1	745.6	1020.8	1336.3	1688.1	2072.4
32.5°	0.0	30.4	92.4	197.3	349.8	549.0	790.3	1080.9	1419.1	1794.7	2207.9
30°	0.0	31.2	96.1	207.5	370.0	581.6	838.3	1139.9	1496.6	1894.6	2334.9
27.5°	0.0	31.9	99.6	217.0	388.8	611.8	882.9	1202.5	1572.3	1987.5	2453.1
25°	0.0	32.6	102.8	225.7	406.0	639.7	924.0	1260.2	1647.9	2080.8	2563.0
22.5°	0.0	33.3	105.7	233.6	421.7	665.1	961.4	1312.8	1716.9	2169.7	2679.2
20°	0.0	33.8	108.3	240.8	435.9	687.9	995.1	1360.3	1779.1	2249.9	2784.1
17.5°	0.0	34.3	110.6	247.1	448.4	708.2	1025.0	1402.4	1834.3	2321.2	2877.5
15°	0.0	34.8	112.6	252.6	459.4	725.8	1051.1	1439.1	1882.5	2383.4	2958.9
12.5°	0.0	35.1	114.3	257.3	468.7	740.9	1073.3	1470.3	1923.5	2436.4	3028.3
10°	0.0	35.5	115.7	261.1	476.3	753.2	1091.5	1496.0	1957.2	2479.9	3085.3
7.5°	0.0	35.7	116.8	264.1	482.2	762.8	1105.7	1516.0	1983.5	2513.9	3129.9
5°	0.0	35.9	117.6	266.3	486.5	769.7	1115.9	1530.3	2002.3	2538.2	3161.8
2.5°	0.0	36.0	118.0	267.6	489.0	773.8	1122.0	1538.9	2013.6	2552.8	3181.0
0°	0.0	36.0	118.2	268.0	489.9	775.2	1124.0	1541.8	2017.4	2557.7	3187.4
-2.5°	0.0	36.0	118.0	267.6	489.0	773.8	1122.0	1538.9	2013.6	2552.8	3181.0
-5°	0.0	35.9	117.6	266.3	486.5	769.7	1115.9	1530.3	2002.3	2538.2	3161.8
-7.5°	0.0	35.7	116.8	264.1	482.2	762.8	1105.7	1516.0	1983.5	2513.9	3129.9
-10°	0.0	35.5	115.7	261.1	476.3	753.2	1091.5	1496.0	1957.2	2479.9	3085.3
-12.5°	0.0	35.1	114.3	257.3	468.7	740.9	1073.3	1470.3	1923.5	2436.4	3028.3
-15°	0.0	34.8	112.6	252.6	459.4	725.8	1051.1	1439.1	1882.5	2383.4	2958.9
-17.5°	0.0	34.3	110.6	247.1	448.4	708.2	1025.0	1402.4	1834.3	2321.2	2877.5
-20°	0.0	33.8	108.3	240.8	435.9	687.9	995.1	1360.3	1779.1	2249.9	2784.1



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	33.3	105.7	233.6	421.7	665.1	961.4	1312.8	1716.9	2169.7	2679.2
-25°	0.0	32.6	102.8	225.7	406.0	639.7	924.0	1260.2	1647.9	2080.8	2563.0
-27.5°	0.0	31.9	99.6	217.0	388.8	611.8	882.9	1202.5	1572.3	1987.5	2453.1
-30°	0.0	31.2	96.1	207.5	370.0	581.6	838.3	1139.9	1496.6	1894.6	2334.9
-32.5°	0.0	30.4	92.4	197.3	349.8	549.0	790.3	1080.9	1419.1	1794.7	2207.9
-35°	0.0	29.5	88.4	186.4	328.2	514.1	745.6	1020.8	1336.3	1688.1	2072.4
-37.5°	0.0	28.6	84.2	174.8	305.1	479.9	700.9	956.8	1248.4	1574.9	1939.4
-40°	0.0	27.6	79.7	162.5	280.8	449.4	653.7	889.3	1155.6	1466.1	1806.1
-42.5°	0.0	26.5	74.9	149.5	259.3	417.3	604.1	818.3	1069.0	1356.0	1666.4
-45°	0.0	25.5	70.0	135.9	241.2	383.7	552.1	749.7	983.8	1241.0	1523.0
-47.5°	0.0	24.3	64.8	121.7	222.3	348.6	497.9	686.4	895.2	1121.7	1389.7
-50°	0.0	23.1	59.4	112.0	202.6	312.1	452.3	620.5	803.1	1018.0	1251.5
-52.5°	0.0	21.9	53.8	103.7	182.2	274.3	406.9	552.4	720.1	910.8	1111.2
-55°	0.0	20.6	48.0	95.0	161.1	245.9	360.1	483.9	639.8	800.3	988.5
-57.5°	0.0	19.3	42.1	86.0	139.4	218.8	311.8	427.6	557.1	702.8	862.4
-60°	0.0	18.0	36.0	76.8	117.6	190.9	264.1	369.8	476.3	607.6	740.9
-62.5°	0.0	16.6	33.2	67.4	105.0	162.3	229.9	310.7	408.8	510.2	632.9
-65°	0.0	15.2	30.4	57.8	92.2	133.1	194.9	256.1	340.0	428.4	522.8
-67.5°	0.0	13.8	27.5	47.9	79.1	110.0	159.2	214.5	269.8	349.8	428.4
-70°	0.0	12.3	24.6	37.9	65.8	93.4	122.9	172.3	221.1	269.8	340.0
-72.5°	0.0	10.8	21.6	32.4	52.2	76.5	100.6	129.5	172.3	214.5	256.1
-75°	0.0	9.3	18.6	27.9	38.5	59.4	80.1	100.6	122.9	159.2	194.9
-77.5°	0.0	7.8	15.6	23.3	31.0	42.1	59.4	76.5	93.4	110.0	133.1
-80°	0.0	6.2	12.5	18.7	24.9	31.0	38.5	52.2	65.8	79.1	92.2
-82.5°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	37.9	47.9	57.8
-85°	0.0	3.1	6.3	9.4	12.5	15.6	18.6	21.6	24.6	27.5	30.4
-87.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	18.0	19.3	20.6	21.9	23.1	24.3	25.5	26.5	27.6	28.6
85°	33.2	36.0	42.1	48.0	53.8	59.4	64.8	70.0	74.9	79.7	84.2
82.5°	67.4	76.8	86.0	95.0	103.7	112.0	121.7	135.9	149.5	162.5	174.8
80°	105.0	117.6	139.4	161.1	182.2	202.6	222.3	241.2	259.3	280.8	305.1
77.5°	162.3	190.9	218.8	245.9	274.3	312.1	348.6	383.7	417.3	449.4	479.9
75°	229.9	264.1	311.8	360.1	406.9	452.3	497.9	552.1	604.1	653.7	700.9
72.5°	310.7	369.8	427.6	483.9	552.4	620.5	686.4	749.7	818.3	889.3	956.8
70°	408.8	476.3	557.1	639.8	720.1	803.1	895.2	983.8	1069.0	1155.6	1248.4
67.5°	510.2	607.6	702.8	800.3	910.8	1018.0	1121.7	1241.0	1356.0	1466.1	1574.9
65°	632.9	740.9	862.4	988.5	1111.2	1251.5	1389.7	1523.0	1666.4	1806.1	1939.4
62.5°	753.6	893.6	1035.4	1183.8	1345.5	1502.7	1670.6	1838.0	1999.0	2171.9	2339.3
60°	893.6	1051.1	1221.6	1402.4	1583.8	1779.1	1968.4	2169.7	2370.0	2563.0	2777.0
57.5°	1035.4	1221.6	1421.4	1627.4	1844.7	2061.6	2294.9	2520.8	2768.5	3012.4	3254.6
55°	1183.8	1402.4	1627.4	1866.6	2111.8	2370.7	2633.1	2917.2	3192.3	3497.3	3789.4
52.5°	1345.5	1583.8	1844.7	2111.8	2396.1	2692.6	3007.3	3332.0	3673.0	4014.5	4376.9
50°	1502.7	1779.1	2061.6	2370.7	2692.6	3037.4	3402.3	3779.5	4179.2	4584.4	5021.3
47.5°	1670.6	1968.4	2294.9	2633.1	3007.3	3402.3	3815.1	4262.1	4710.2	5227.1	5733.2
45°	1838.0	2169.7	2520.8	2917.2	3332.0	3779.5	4262.1	4752.3	5330.8	5907.9	6524.0
42.5°	1999.0	2370.0	2768.5	3192.3	3673.0	4179.2	4710.2	5330.8	5968.2	6646.5	7377.8
40°	2171.9	2563.0	3012.4	3497.3	4014.5	4584.4	5227.1	5907.9	6646.5	7453.2	8290.5
37.5°	2339.3	2777.0	3254.6	3789.4	4376.9	5021.3	5733.2	6524.0	7377.8	8290.5	9296.4
35°	2498.2	2980.4	3511.1	4090.7	4722.8	5473.4	6281.2	7153.0	8137.2	9206.7	10332.1
32.5°	2663.3	3172.7	3753.9	4394.2	5115.3	5922.1	6808.1	7833.2	8939.2	10117.5	11432.1
30°	2827.5	3379.2	3992.3	4680.0	5491.5	6385.5	7384.0	8499.0	9727.8	11103.9	12579.5
27.5°	2980.4	3573.9	4237.6	4989.1	5854.2	6820.1	7948.8	9192.8	10564.3	12069.4	13718.9
25°	3121.7	3753.9	4464.6	5290.0	6227.4	7284.6	8495.3	9840.2	11379.7	13069.7	14925.9
22.5°	3260.7	3919.2	4672.6	5566.0	6570.3	7732.9	9049.4	10525.1	12181.2	14004.9	16084.8
20°	3395.6	4090.7	4884.3	5822.8	6881.4	8140.4	9553.9	11164.2	12970.1	14993.7	17223.9
17.5°	3515.7	4243.4	5088.4	6077.8	7206.5	8529.9	10018.8	11738.2	13680.2	15885.7	18289.2
15°	3620.6	4376.9	5266.9	6301.1	7500.5	8895.7	10484.7	12306.1	14363.9	16698.5	19237.2
12.5°	3710.0	4490.7	5419.2	6491.7	7751.8	9208.8	10883.8	12802.1	14990.0	17449.9	20156.9
10°	3783.5	4584.4	5544.6	6648.9	7959.1	9467.3	11213.9	13212.8	15509.2	18074.2	20922.9
7.5°	3840.9	4657.7	5642.7	6771.9	8121.5	9670.0	11472.8	13535.4	15917.6	18566.0	21527.3
5°	3882.1	4710.2	5713.1	6860.1	8238.1	9815.6	11659.0	13767.5	16211.7	18920.7	21963.9
2.5°	3906.8	4741.8	5755.5	6913.3	8308.3	9903.3	11771.2	13907.5	16389.3	19135.0	22227.9
0°	3915.1	4752.3	5769.6	6931.0	8331.7	9932.6	11808.7	13954.3	16448.6	19206.6	22316.2
-2.5°	3906.8	4741.8	5755.5	6913.3	8308.3	9903.3	11771.2	13907.5	16389.3	19135.0	22227.9
-5°	3882.1	4710.2	5713.1	6860.1	8238.1	9815.6	11659.0	13767.5	16211.7	18920.7	21963.9
-7.5°	3840.9	4657.7	5642.7	6771.9	8121.5	9670.0	11472.8	13535.4	15917.6	18566.0	21527.3
-10°	3783.5	4584.4	5544.6	6648.9	7959.1	9467.3	11213.9	13212.8	15509.2	18074.2	20922.9
-12.5°	3710.0	4490.7	5419.2	6491.7	7751.8	9208.8	10883.8	12802.1	14990.0	17449.9	20156.9
-15°	3620.6	4376.9	5266.9	6301.1	7500.5	8895.7	10484.7	12306.1	14363.9	16698.5	19237.2
-17.5°	3515.7	4243.4	5088.4	6077.8	7206.5	8529.9	10018.8	11738.2	13680.2	15885.7	18289.2
-20°	3395.6	4090.7	4884.3	5822.8	6881.4	8140.4	9553.9	11164.2	12970.1	14993.7	17223.9



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3260.7	3919.2	4672.6	5566.0	6570.3	7732.9	9049.4	10525.1	12181.2	14004.9	16084.8
-25°	3121.7	3753.9	4464.6	5290.0	6227.4	7284.6	8495.3	9840.2	11379.7	13069.7	14925.9
-27.5°	2980.4	3573.9	4237.6	4989.1	5854.2	6820.1	7948.8	9192.8	10564.3	12069.4	13718.9
-30°	2827.5	3379.2	3992.3	4680.0	5491.5	6385.5	7384.0	8499.0	9727.8	11103.9	12579.5
-32.5°	2663.3	3172.7	3753.9	4394.2	5115.3	5922.1	6808.1	7833.2	8939.2	10117.5	11432.1
-35°	2498.2	2980.4	3511.1	4090.7	4722.8	5473.4	6281.2	7153.0	8137.2	9206.7	10332.1
-37.5°	2339.3	2777.0	3254.6	3789.4	4376.9	5021.3	5733.2	6524.0	7377.8	8290.5	9296.4
-40°	2171.9	2563.0	3012.4	3497.3	4014.5	4584.4	5227.1	5907.9	6646.5	7453.2	8290.5
-42.5°	1999.0	2370.0	2768.5	3192.3	3673.0	4179.2	4710.2	5330.8	5968.2	6646.5	7377.8
-45°	1838.0	2169.7	2520.8	2917.2	3332.0	3779.5	4262.1	4752.3	5330.8	5907.9	6524.0
-47.5°	1670.6	1968.4	2294.9	2633.1	3007.3	3402.3	3815.1	4262.1	4710.2	5227.1	5733.2
-50°	1502.7	1779.1	2061.6	2370.7	2692.6	3037.4	3402.3	3779.5	4179.2	4584.4	5021.3
-52.5°	1345.5	1583.8	1844.7	2111.8	2396.1	2692.6	3007.3	3332.0	3673.0	4014.5	4376.9
-55°	1183.8	1402.4	1627.4	1866.6	2111.8	2370.7	2633.1	2917.2	3192.3	3497.3	3789.4
-57.5°	1035.4	1221.6	1421.4	1627.4	1844.7	2061.6	2294.9	2520.8	2768.5	3012.4	3254.6
-60°	893.6	1051.1	1221.6	1402.4	1583.8	1779.1	1968.4	2169.7	2370.0	2563.0	2777.0
-62.5°	753.6	893.6	1035.4	1183.8	1345.5	1502.7	1670.6	1838.0	1999.0	2171.9	2339.3
-65°	632.9	740.9	862.4	988.5	1111.2	1251.5	1389.7	1523.0	1666.4	1806.1	1939.4
-67.5°	510.2	607.6	702.8	800.3	910.8	1018.0	1121.7	1241.0	1356.0	1466.1	1574.9
-70°	408.8	476.3	557.1	639.8	720.1	803.1	895.2	983.8	1069.0	1155.6	1248.4
-72.5°	310.7	369.8	427.6	483.9	552.4	620.5	686.4	749.7	818.3	889.3	956.8
-75°	229.9	264.1	311.8	360.1	406.9	452.3	497.9	552.1	604.1	653.7	700.9
-77.5°	162.3	190.9	218.8	245.9	274.3	312.1	348.6	383.7	417.3	449.4	479.9
-80°	105.0	117.6	139.4	161.1	182.2	202.6	222.3	241.2	259.3	280.8	305.1
-82.5°	67.4	76.8	86.0	95.0	103.7	112.0	121.7	135.9	149.5	162.5	174.8
-85°	33.2	36.0	42.1	48.0	53.8	59.4	64.8	70.0	74.9	79.7	84.2
-87.5°	16.6	18.0	19.3	20.6	21.9	23.1	24.3	25.5	26.5	27.6	28.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.5	30.4	31.2	31.9	32.6	33.3	33.8	34.3	34.8	35.1	35.5
85°	88.4	92.4	96.1	99.6	102.8	105.7	108.3	110.6	112.6	114.3	115.7
82.5°	186.4	197.3	207.5	217.0	225.7	233.6	240.8	247.1	252.6	257.3	261.1
80°	328.2	349.8	370.0	388.8	406.0	421.7	435.9	448.4	459.4	468.7	476.3
77.5°	514.1	549.0	581.6	611.8	639.7	665.1	687.9	708.2	725.8	740.9	753.2
75°	745.6	790.3	838.3	882.9	924.0	961.4	995.1	1025.0	1051.1	1073.3	1091.5
72.5°	1020.8	1080.9	1139.9	1202.5	1260.2	1312.8	1360.3	1402.4	1439.1	1470.3	1496.0
70°	1336.3	1419.1	1496.6	1572.3	1647.9	1716.9	1779.1	1834.3	1882.5	1923.5	1957.2
67.5°	1688.1	1794.7	1894.6	1987.5	2080.8	2169.7	2249.9	2321.2	2383.4	2436.4	2479.9
65°	2072.4	2207.9	2334.9	2453.1	2563.0	2679.2	2784.1	2877.5	2958.9	3028.3	3085.3
62.5°	2498.2	2663.3	2827.5	2980.4	3121.7	3260.7	3395.6	3515.7	3620.6	3710.0	3783.5
60°	2980.4	3172.7	3379.2	3573.9	3753.9	3919.2	4090.7	4243.4	4376.9	4490.7	4584.4
57.5°	3511.1	3753.9	3992.3	4237.6	4464.6	4672.6	4884.3	5088.4	5266.9	5419.2	5544.6
55°	4090.7	4394.2	4680.0	4989.1	5290.0	5566.0	5822.8	6077.8	6301.1	6491.7	6648.9
52.5°	4722.8	5115.3	5491.5	5854.2	6227.4	6570.3	6881.4	7206.5	7500.5	7751.8	7959.1
50°	5473.4	5922.1	6385.5	6820.1	7284.6	7732.9	8140.4	8529.9	8895.7	9208.8	9467.3
47.5°	6281.2	6808.1	7384.0	7948.8	8495.3	9049.4	9553.9	10018.8	10484.7	10883.8	11213.9
45°	7153.0	7833.2	8499.0	9192.8	9840.2	10525.1	11164.2	11738.2	12306.1	12802.1	13212.8
42.5°	8137.2	8939.2	9727.8	10564.3	11379.7	12181.2	12970.1	13680.2	14363.9	14990.0	15509.2
40°	9206.7	10117.5	11103.9	12069.4	13069.7	14004.9	14993.7	15885.7	16698.5	17449.9	18074.2
37.5°	10332.1	11432.1	12579.5	13718.9	14925.9	16084.8	17223.9	18289.2	19237.2	20156.9	20922.9
35°	11542.3	12837.5	14140.5	15552.5	16930.3	18305.0	19619.0	20915.9	22069.4	23146.2	24066.6
32.5°	12837.5	14295.1	15869.7	17470.0	19042.4	20682.6	22219.7	23754.7	25133.9	26393.8	27502.9
30°	14140.5	15869.7	17651.5	19443.2	21333.7	23194.5	25018.0	26784.4	28436.5	29876.9	31084.3
27.5°	15552.5	17470.0	19443.2	21552.9	23694.9	25798.6	27963.1	29951.5	31737.4	33303.8	34728.3
25°	16930.3	19042.4	21333.7	23694.9	26087.6	28563.9	30882.9	33023.7	35091.3	36935.4	38598.8
22.5°	18305.0	20682.6	23194.5	25798.6	28563.9	31197.8	33710.4	36200.3	38567.5	40761.0	42657.9
20°	19619.0	22219.7	25018.0	27963.1	30882.9	33710.4	36576.4	39426.4	42120.3	44584.1	46699.7
17.5°	20915.9	23754.7	26784.4	29951.5	33023.7	36200.3	39426.4	42591.2	45582.8	48233.8	50531.3
15°	22069.4	25133.9	28436.5	31737.4	35091.3	38567.5	42120.3	45582.8	48760.0	51660.5	54236.1
12.5°	23146.2	26393.8	29876.9	33303.8	36935.4	40761.0	44584.1	48233.8	51660.5	54861.7	57443.7
10°	24066.6	27502.9	31084.3	34728.3	38598.8	42657.9	46699.7	50531.3	54236.1	57443.7	60259.3
7.5°	24794.7	28382.6	32045.2	35867.2	39965.5	44211.0	48383.4	52432.1	56241.8	59604.7	62429.9
5°	25321.5	29020.5	32744.0	36698.2	40967.3	45356.0	49634.3	53859.5	57699.4	61164.3	64053.4
2.5°	25640.4	29407.3	33168.4	37204.3	41579.2	46058.4	50406.1	54747.5	58617.1	62094.2	65024.8
0°	25747.2	29536.9	33310.8	37374.3	41785.1	46295.3	50667.2	55049.2	58931.1	62401.0	65359.3
-2.5°	25640.4	29407.3	33168.4	37204.3	41579.2	46058.4	50406.1	54747.5	58617.1	62094.2	65024.8
-5°	25321.5	29020.5	32744.0	36698.2	40967.3	45356.0	49634.3	53859.5	57699.4	61164.3	64053.4
-7.5°	24794.7	28382.6	32045.2	35867.2	39965.5	44211.0	48383.4	52432.1	56241.8	59604.7	62429.9
-10°	24066.6	27502.9	31084.3	34728.3	38598.8	42657.9	46699.7	50531.3	54236.1	57443.7	60259.3
-12.5°	23146.2	26393.8	29876.9	33303.8	36935.4	40761.0	44584.1	48233.8	51660.5	54861.7	57443.7
-15°	22069.4	25133.9	28436.5	31737.4	35091.3	38567.5	42120.3	45582.8	48760.0	51660.5	54236.1
-17.5°	20915.9	23754.7	26784.4	29951.5	33023.7	36200.3	39426.4	42591.2	45582.8	48233.8	50531.3
-20°	19619.0	22219.7	25018.0	27963.1	30882.9	33710.4	36576.4	39426.4	42120.3	44584.1	46699.7



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	18305.0	20682.6	23194.5	25798.6	28563.9	31197.8	33710.4	36200.3	38567.5	40761.0	42657.9
-25°	16930.3	19042.4	21333.7	23694.9	26087.6	28563.9	30882.9	33023.7	35091.3	36935.4	38598.8
-27.5°	15552.5	17470.0	19443.2	21552.9	23694.9	25798.6	27963.1	29951.5	31737.4	33303.8	34728.3
-30°	14140.5	15869.7	17651.5	19443.2	21333.7	23194.5	25018.0	26784.4	28436.5	29876.9	31084.3
-32.5°	12837.5	14295.1	15869.7	17470.0	19042.4	20682.6	22219.7	23754.7	25133.9	26393.8	27502.9
-35°	11542.3	12837.5	14140.5	15552.5	16930.3	18305.0	19619.0	20915.9	22069.4	23146.2	24066.6
-37.5°	10332.1	11432.1	12579.5	13718.9	14925.9	16084.8	17223.9	18289.2	19237.2	20156.9	20922.9
-40°	9206.7	10117.5	11103.9	12069.4	13069.7	14004.9	14993.7	15885.7	16698.5	17449.9	18074.2
-42.5°	8137.2	8939.2	9727.8	10564.3	11379.7	12181.2	12970.1	13680.2	14363.9	14990.0	15509.2
-45°	7153.0	7833.2	8499.0	9192.8	9840.2	10525.1	11164.2	11738.2	12306.1	12802.1	13212.8
-47.5°	6281.2	6808.1	7384.0	7948.8	8495.3	9049.4	9553.9	10018.8	10484.7	10883.8	11213.9
-50°	5473.4	5922.1	6385.5	6820.1	7284.6	7732.9	8140.4	8529.9	8895.7	9208.8	9467.3
-52.5°	4722.8	5115.3	5491.5	5854.2	6227.4	6570.3	6881.4	7206.5	7500.5	7751.8	7959.1
-55°	4090.7	4394.2	4680.0	4989.1	5290.0	5566.0	5822.8	6077.8	6301.1	6491.7	6648.9
-57.5°	3511.1	3753.9	3992.3	4237.6	4464.6	4672.6	4884.3	5088.4	5266.9	5419.2	5544.6
-60°	2980.4	3172.7	3379.2	3573.9	3753.9	3919.2	4090.7	4243.4	4376.9	4490.7	4584.4
-62.5°	2498.2	2663.3	2827.5	2980.4	3121.7	3260.7	3395.6	3515.7	3620.6	3710.0	3783.5
-65°	2072.4	2207.9	2334.9	2453.1	2563.0	2679.2	2784.1	2877.5	2958.9	3028.3	3085.3
-67.5°	1688.1	1794.7	1894.6	1987.5	2080.8	2169.7	2249.9	2321.2	2383.4	2436.4	2479.9
-70°	1336.3	1419.1	1496.6	1572.3	1647.9	1716.9	1779.1	1834.3	1882.5	1923.5	1957.2
-72.5°	1020.8	1080.9	1139.9	1202.5	1260.2	1312.8	1360.3	1402.4	1439.1	1470.3	1496.0
-75°	745.6	790.3	838.3	882.9	924.0	961.4	995.1	1025.0	1051.1	1073.3	1091.5
-77.5°	514.1	549.0	581.6	611.8	639.7	665.1	687.9	708.2	725.8	740.9	753.2
-80°	328.2	349.8	370.0	388.8	406.0	421.7	435.9	448.4	459.4	468.7	476.3
-82.5°	186.4	197.3	207.5	217.0	225.7	233.6	240.8	247.1	252.6	257.3	261.1
-85°	88.4	92.4	96.1	99.6	102.8	105.7	108.3	110.6	112.6	114.3	115.7
-87.5°	29.5	30.4	31.2	31.9	32.6	33.3	33.8	34.3	34.8	35.1	35.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	35.7	35.9	36.0	36.0	36.0	35.9	35.7	35.5	35.1	34.8	34.3
85°	116.8	117.6	118.0	118.2	118.0	117.6	116.8	115.7	114.3	112.6	110.6
82.5°	264.1	266.3	267.6	268.0	267.6	266.3	264.1	261.1	257.3	252.6	247.1
80°	482.2	486.5	489.0	489.9	489.0	486.5	482.2	476.3	468.7	459.4	448.4
77.5°	762.8	769.7	773.8	775.2	773.8	769.7	762.8	753.2	740.9	725.8	708.2
75°	1105.7	1115.9	1122.0	1124.0	1122.0	1115.9	1105.7	1091.5	1073.3	1051.1	1025.0
72.5°	1516.0	1530.3	1538.9	1541.8	1538.9	1530.3	1516.0	1496.0	1470.3	1439.1	1402.4
70°	1983.5	2002.3	2013.6	2017.4	2013.6	2002.3	1983.5	1957.2	1923.5	1882.5	1834.3
67.5°	2513.9	2538.2	2552.8	2557.7	2552.8	2538.2	2513.9	2479.9	2436.4	2383.4	2321.2
65°	3129.9	3161.8	3181.0	3187.4	3181.0	3161.8	3129.9	3085.3	3028.3	2958.9	2877.5
62.5°	3840.9	3882.1	3906.8	3915.1	3906.8	3882.1	3840.9	3783.5	3710.0	3620.6	3515.7
60°	4657.7	4710.2	4741.8	4752.3	4741.8	4710.2	4657.7	4584.4	4490.7	4376.9	4243.4
57.5°	5642.7	5713.1	5755.5	5769.6	5755.5	5713.1	5642.7	5544.6	5419.2	5266.9	5088.4
55°	6771.9	6860.1	6913.3	6931.0	6913.3	6860.1	6771.9	6648.9	6491.7	6301.1	6077.8
52.5°	8121.5	8238.1	8308.3	8331.7	8308.3	8238.1	8121.5	7959.1	7751.8	7500.5	7206.5
50°	9670.0	9815.6	9903.3	9932.6	9903.3	9815.6	9670.0	9467.3	9208.8	8895.7	8529.9
47.5°	11472.8	11659.0	11771.2	11808.7	11771.2	11659.0	11472.8	11213.9	10883.8	10484.7	10018.8
45°	13535.4	13767.5	13907.5	13954.3	13907.5	13767.5	13535.4	13212.8	12802.1	12306.1	11738.2
42.5°	15917.6	16211.7	16389.3	16448.6	16389.3	16211.7	15917.6	15509.2	14990.0	14363.9	13680.2
40°	18566.0	18920.7	19135.0	19206.6	19135.0	18920.7	18566.0	18074.2	17449.9	16698.5	15885.7
37.5°	21527.3	21963.9	22227.9	22316.2	22227.9	21963.9	21527.3	20922.9	20156.9	19237.2	18289.2
35°	24794.7	25321.5	25640.4	25747.2	25640.4	25321.5	24794.7	24066.6	23146.2	22069.4	20915.9
32.5°	28382.6	29020.5	29407.3	29536.9	29407.3	29020.5	28382.6	27502.9	26393.8	25133.9	23754.7
30°	32045.2	32744.0	33168.4	33310.8	33168.4	32744.0	32045.2	31084.3	29876.9	28436.5	26784.4
27.5°	35867.2	36698.2	37204.3	37374.3	37204.3	36698.2	35867.2	34728.3	33303.8	31737.4	29951.5
25°	39965.5	40967.3	41579.2	41785.1	41579.2	40967.3	39965.5	38598.8	36935.4	35091.3	33023.7
22.5°	44211.0	45356.0	46058.4	46295.3	46058.4	45356.0	44211.0	42657.9	40761.0	38567.5	36200.3
20°	48383.4	49634.3	50406.1	50667.2	50406.1	49634.3	48383.4	46699.7	44584.1	42120.3	39426.4
17.5°	52432.1	53859.5	54747.5	55049.2	54747.5	53859.5	52432.1	50531.3	48233.8	45582.8	42591.2
15°	56241.8	57699.4	58617.1	58931.1	58617.1	57699.4	56241.8	54236.1	51660.5	48760.0	45582.8
12.5°	59604.7	61164.3	62094.2	62401.0	62094.2	61164.3	59604.7	57443.7	54861.7	51660.5	48233.8
10°	62429.9	64053.4	65024.8	65359.3	65024.8	64053.4	62429.9	60259.3	57443.7	54236.1	50531.3
7.5°	64709.9	66363.4	67391.0	67721.8	67391.0	66363.4	64709.9	62429.9	59604.7	56241.8	52432.1
5°	66363.4	68077.1	69071.9	69440.1	69071.9	68077.1	66363.4	64053.4	61164.3	57699.4	53859.5
2.5°	67391.0	69071.9	70107.9	70459.6	70107.9	69071.9	67391.0	65024.8	62094.2	58617.1	54747.5
0°	67721.8	69440.1	70459.6	70853.7	70459.6	69440.1	67721.8	65359.3	62401.0	58931.1	55049.2
-2.5°	67391.0	69071.9	70107.9	70459.6	70107.9	69071.9	67391.0	65024.8	62094.2	58617.1	54747.5
-5°	66363.4	68077.1	69071.9	69440.1	69071.9	68077.1	66363.4	64053.4	61164.3	57699.4	53859.5
-7.5°	64709.9	66363.4	67391.0	67721.8	67391.0	66363.4	64709.9	62429.9	59604.7	56241.8	52432.1
-10°	62429.9	64053.4	65024.8	65359.3	65024.8	64053.4	62429.9	60259.3	57443.7	54236.1	50531.3
-12.5°	59604.7	61164.3	62094.2	62401.0	62094.2	61164.3	59604.7	57443.7	54861.7	51660.5	48233.8
-15°	56241.8	57699.4	58617.1	58931.1	58617.1	57699.4	56241.8	54236.1	51660.5	48760.0	45582.8
-17.5°	52432.1	53859.5	54747.5	55049.2	54747.5	53859.5	52432.1	50531.3	48233.8	45582.8	42591.2
-20°	48383.4	49634.3	50406.1	50667.2	50406.1	49634.3	48383.4	46699.7	44584.1	42120.3	39426.4



REPORT NUMBER: P1305952 (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°	44211.0	45356.0	46058.4	46295.3	46058.4	45356.0	44211.0	42657.9	40761.0	38567.5	36200.3
-25°	39965.5	40967.3	41579.2	41785.1	41579.2	40967.3	39965.5	38598.8	36935.4	35091.3	33023.7
-27.5°	35867.2	36698.2	37204.3	37374.3	37204.3	36698.2	35867.2	34728.3	33303.8	31737.4	29951.5
-30°	32045.2	32744.0	33168.4	33310.8	33168.4	32744.0	32045.2	31084.3	29876.9	28436.5	26784.4
-32.5°	28382.6	29020.5	29407.3	29536.9	29407.3	29020.5	28382.6	27502.9	26393.8	25133.9	23754.7
-35°	24794.7	25321.5	25640.4	25747.2	25640.4	25321.5	24794.7	24066.6	23146.2	22069.4	20915.9
-37.5°	21527.3	21963.9	22227.9	22316.2	22227.9	21963.9	21527.3	20922.9	20156.9	19237.2	18289.2
-40°	18566.0	18920.7	19135.0	19206.6	19135.0	18920.7	18566.0	18074.2	17449.9	16698.5	15885.7
-42.5°	15917.6	16211.7	16389.3	16448.6	16389.3	16211.7	15917.6	15509.2	14990.0	14363.9	13680.2
-45°	13535.4	13767.5	13907.5	13954.3	13907.5	13767.5	13535.4	13212.8	12802.1	12306.1	11738.2
-47.5°	11472.8	11659.0	11771.2	11808.7	11771.2	11659.0	11472.8	11213.9	10883.8	10484.7	10018.8
-50°	9670.0	9815.6	9903.3	9932.6	9903.3	9815.6	9670.0	9467.3	9208.8	8895.7	8529.9
-52.5°	8121.5	8238.1	8308.3	8331.7	8308.3	8238.1	8121.5	7959.1	7751.8	7500.5	7206.5
-55°	6771.9	6860.1	6913.3	6931.0	6913.3	6860.1	6771.9	6648.9	6491.7	6301.1	6077.8
-57.5°	5642.7	5713.1	5755.5	5769.6	5755.5	5713.1	5642.7	5544.6	5419.2	5266.9	5088.4
-60°	4657.7	4710.2	4741.8	4752.3	4741.8	4710.2	4657.7	4584.4	4490.7	4376.9	4243.4
-62.5°	3840.9	3882.1	3906.8	3915.1	3906.8	3882.1	3840.9	3783.5	3710.0	3620.6	3515.7
-65°	3129.9	3161.8	3181.0	3187.4	3181.0	3161.8	3129.9	3085.3	3028.3	2958.9	2877.5
-67.5°	2513.9	2538.2	2552.8	2557.7	2552.8	2538.2	2513.9	2479.9	2436.4	2383.4	2321.2
-70°	1983.5	2002.3	2013.6	2017.4	2013.6	2002.3	1983.5	1957.2	1923.5	1882.5	1834.3
-72.5°	1516.0	1530.3	1538.9	1541.8	1538.9	1530.3	1516.0	1496.0	1470.3	1439.1	1402.4
-75°	1105.7	1115.9	1122.0	1124.0	1122.0	1115.9	1105.7	1091.5	1073.3	1051.1	1025.0
-77.5°	762.8	769.7	773.8	775.2	773.8	769.7	762.8	753.2	740.9	725.8	708.2
-80°	482.2	486.5	489.0	489.9	489.0	486.5	482.2	476.3	468.7	459.4	448.4
-82.5°	264.1	266.3	267.6	268.0	267.6	266.3	264.1	261.1	257.3	252.6	247.1
-85°	116.8	117.6	118.0	118.2	118.0	117.6	116.8	115.7	114.3	112.6	110.6
-87.5°	35.7	35.9	36.0	36.0	36.0	35.9	35.7	35.5	35.1	34.8	34.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.8	33.3	32.6	31.9	31.2	30.4	29.5	28.6	27.6	26.5	25.5
85°	108.3	105.7	102.8	99.6	96.1	92.4	88.4	84.2	79.7	74.9	70.0
82.5°	240.8	233.6	225.7	217.0	207.5	197.3	186.4	174.8	162.5	149.5	135.9
80°	435.9	421.7	406.0	388.8	370.0	349.8	328.2	305.1	280.8	259.3	241.2
77.5°	687.9	665.1	639.7	611.8	581.6	549.0	514.1	479.9	449.4	417.3	383.7
75°	995.1	961.4	924.0	882.9	838.3	790.3	745.6	700.9	653.7	604.1	552.1
72.5°	1360.3	1312.8	1260.2	1202.5	1139.9	1080.9	1020.8	956.8	889.3	818.3	749.7
70°	1779.1	1716.9	1647.9	1572.3	1496.6	1419.1	1336.3	1248.4	1155.6	1069.0	983.8
67.5°	2249.9	2169.7	2080.8	1987.5	1894.6	1794.7	1688.1	1574.9	1466.1	1356.0	1241.0
65°	2784.1	2679.2	2563.0	2453.1	2334.9	2207.9	2072.4	1939.4	1806.1	1666.4	1523.0
62.5°	3395.6	3260.7	3121.7	2980.4	2827.5	2663.3	2498.2	2339.3	2171.9	1999.0	1838.0
60°	4090.7	3919.2	3753.9	3573.9	3379.2	3172.7	2980.4	2777.0	2563.0	2370.0	2169.7
57.5°	4884.3	4672.6	4464.6	4237.6	3992.3	3753.9	3511.1	3254.6	3012.4	2768.5	2520.8
55°	5822.8	5566.0	5290.0	4989.1	4680.0	4394.2	4090.7	3789.4	3497.3	3192.3	2917.2
52.5°	6881.4	6570.3	6227.4	5854.2	5491.5	5115.3	4722.8	4376.9	4014.5	3673.0	3332.0
50°	8140.4	7732.9	7284.6	6820.1	6385.5	5922.1	5473.4	5021.3	4584.4	4179.2	3779.5
47.5°	9553.9	9049.4	8495.3	7948.8	7384.0	6808.1	6281.2	5733.2	5227.1	4710.2	4262.1
45°	11164.2	10525.1	9840.2	9192.8	8499.0	7833.2	7153.0	6524.0	5907.9	5330.8	4752.3
42.5°	12970.1	12181.2	11379.7	10564.3	9727.8	8939.2	8137.2	7377.8	6646.5	5968.2	5330.8
40°	14993.7	14004.9	13069.7	12069.4	11103.9	10117.5	9206.7	8290.5	7453.2	6646.5	5907.9
37.5°	17223.9	16084.8	14925.9	13718.9	12579.5	11432.1	10332.1	9296.4	8290.5	7377.8	6524.0
35°	19619.0	18305.0	16930.3	15552.5	14140.5	12837.5	11542.3	10332.1	9206.7	8137.2	7153.0
32.5°	22219.7	20682.6	19042.4	17470.0	15869.7	14295.1	12837.5	11432.1	10117.5	8939.2	7833.2
30°	25018.0	23194.5	21333.7	19443.2	17651.5	15869.7	14140.5	12579.5	11103.9	9727.8	8499.0
27.5°	27963.1	25798.6	23694.9	21552.9	19443.2	17470.0	15552.5	13718.9	12069.4	10564.3	9192.8
25°	30882.9	28563.9	26087.6	23694.9	21333.7	19042.4	16930.3	14925.9	13069.7	11379.7	9840.2
22.5°	33710.4	31197.8	28563.9	25798.6	23194.5	20682.6	18305.0	16084.8	14004.9	12181.2	10525.1
20°	36576.4	33710.4	30882.9	27963.1	25018.0	22219.7	19619.0	17223.9	14993.7	12970.1	11164.2
17.5°	39426.4	36200.3	33023.7	29951.5	26784.4	23754.7	20915.9	18289.2	15885.7	13680.2	11738.2
15°	42120.3	38567.5	35091.3	31737.4	28436.5	25133.9	22069.4	19237.2	16698.5	14363.9	12306.1
12.5°	44584.1	40761.0	36935.4	33303.8	29876.9	26393.8	23146.2	20156.9	17449.9	14990.0	12802.1
10°	46699.7	42657.9	38598.8	34728.3	31084.3	27502.9	24066.6	20922.9	18074.2	15509.2	13212.8
7.5°	48383.4	44211.0	39965.5	35867.2	32045.2	28382.6	24794.7	21527.3	18566.0	15917.6	13535.4
5°	49634.3	45356.0	40967.3	36698.2	32744.0	29020.5	25321.5	21963.9	18920.7	16211.7	13767.5
2.5°	50406.1	46058.4	41579.2	37204.3	33168.4	29407.3	25640.4	22227.9	19135.0	16389.3	13907.5
0°	50667.2	46295.3	41785.1	37374.3	33310.8	29536.9	25747.2	22316.2	19206.6	16448.6	13954.3
-2.5°	50406.1	46058.4	41579.2	37204.3	33168.4	29407.3	25640.4	22227.9	19135.0	16389.3	13907.5
-5°	49634.3	45356.0	40967.3	36698.2	32744.0	29020.5	25321.5	21963.9	18920.7	16211.7	13767.5
-7.5°	48383.4	44211.0	39965.5	35867.2	32045.2	28382.6	24794.7	21527.3	18566.0	15917.6	13535.4
-10°	46699.7	42657.9	38598.8	34728.3	31084.3	27502.9	24066.6	20922.9	18074.2	15509.2	13212.8
-12.5°	44584.1	40761.0	36935.4	33303.8	29876.9	26393.8	23146.2	20156.9	17449.9	14990.0	12802.1
-15°	42120.3	38567.5	35091.3	31737.4	28436.5	25133.9	22069.4	19237.2	16698.5	14363.9	12306.1
-17.5°	39426.4	36200.3	33023.7	29951.5	26784.4	23754.7	20915.9	18289.2	15885.7	13680.2	11738.2
-20°	36576.4	33710.4	30882.9	27963.1	25018.0	22219.7	19619.0	17223.9	14993.7	12970.1	11164.2



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	33710.4	31197.8	28563.9	25798.6	23194.5	20682.6	18305.0	16084.8	14004.9	12181.2	10525.1
-25°	30882.9	28563.9	26087.6	23694.9	21333.7	19042.4	16930.3	14925.9	13069.7	11379.7	9840.2
-27.5°	27963.1	25798.6	23694.9	21552.9	19443.2	17470.0	15552.5	13718.9	12069.4	10564.3	9192.8
-30°	25018.0	23194.5	21333.7	19443.2	17651.5	15869.7	14140.5	12579.5	11103.9	9727.8	8499.0
-32.5°	22219.7	20682.6	19042.4	17470.0	15869.7	14295.1	12837.5	11432.1	10117.5	8939.2	7833.2
-35°	19619.0	18305.0	16930.3	15552.5	14140.5	12837.5	11542.3	10332.1	9206.7	8137.2	7153.0
-37.5°	17223.9	16084.8	14925.9	13718.9	12579.5	11432.1	10332.1	9296.4	8290.5	7377.8	6524.0
-40°	14993.7	14004.9	13069.7	12069.4	11103.9	10117.5	9206.7	8290.5	7453.2	6646.5	5907.9
-42.5°	12970.1	12181.2	11379.7	10564.3	9727.8	8939.2	8137.2	7377.8	6646.5	5968.2	5330.8
-45°	11164.2	10525.1	9840.2	9192.8	8499.0	7833.2	7153.0	6524.0	5907.9	5330.8	4752.3
-47.5°	9553.9	9049.4	8495.3	7948.8	7384.0	6808.1	6281.2	5733.2	5227.1	4710.2	4262.1
-50°	8140.4	7732.9	7284.6	6820.1	6385.5	5922.1	5473.4	5021.3	4584.4	4179.2	3779.5
-52.5°	6881.4	6570.3	6227.4	5854.2	5491.5	5115.3	4722.8	4376.9	4014.5	3673.0	3332.0
-55°	5822.8	5566.0	5290.0	4989.1	4680.0	4394.2	4090.7	3789.4	3497.3	3192.3	2917.2
-57.5°	4884.3	4672.6	4464.6	4237.6	3992.3	3753.9	3511.1	3254.6	3012.4	2768.5	2520.8
-60°	4090.7	3919.2	3753.9	3573.9	3379.2	3172.7	2980.4	2777.0	2563.0	2370.0	2169.7
-62.5°	3395.6	3260.7	3121.7	2980.4	2827.5	2663.3	2498.2	2339.3	2171.9	1999.0	1838.0
-65°	2784.1	2679.2	2563.0	2453.1	2334.9	2207.9	2072.4	1939.4	1806.1	1666.4	1523.0
-67.5°	2249.9	2169.7	2080.8	1987.5	1894.6	1794.7	1688.1	1574.9	1466.1	1356.0	1241.0
-70°	1779.1	1716.9	1647.9	1572.3	1496.6	1419.1	1336.3	1248.4	1155.6	1069.0	983.8
-72.5°	1360.3	1312.8	1260.2	1202.5	1139.9	1080.9	1020.8	956.8	889.3	818.3	749.7
-75°	995.1	961.4	924.0	882.9	838.3	790.3	745.6	700.9	653.7	604.1	552.1
-77.5°	687.9	665.1	639.7	611.8	581.6	549.0	514.1	479.9	449.4	417.3	383.7
-80°	435.9	421.7	406.0	388.8	370.0	349.8	328.2	305.1	280.8	259.3	241.2
-82.5°	240.8	233.6	225.7	217.0	207.5	197.3	186.4	174.8	162.5	149.5	135.9
-85°	108.3	105.7	102.8	99.6	96.1	92.4	88.4	84.2	79.7	74.9	70.0
-87.5°	33.8	33.3	32.6	31.9	31.2	30.4	29.5	28.6	27.6	26.5	25.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305952 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3	10.8
85°	64.8	59.4	53.8	48.0	42.1	36.0	33.2	30.4	27.5	24.6	21.6
82.5°	121.7	112.0	103.7	95.0	86.0	76.8	67.4	57.8	47.9	37.9	32.4
80°	222.3	202.6	182.2	161.1	139.4	117.6	105.0	92.2	79.1	65.8	52.2
77.5°	348.6	312.1	274.3	245.9	218.8	190.9	162.3	133.1	110.0	93.4	76.5
75°	497.9	452.3	406.9	360.1	311.8	264.1	229.9	194.9	159.2	122.9	100.6
72.5°	686.4	620.5	552.4	483.9	427.6	369.8	310.7	256.1	214.5	172.3	129.5
70°	895.2	803.1	720.1	639.8	557.1	476.3	408.8	340.0	269.8	221.1	172.3
67.5°	1121.7	1018.0	910.8	800.3	702.8	607.6	510.2	428.4	349.8	269.8	214.5
65°	1389.7	1251.5	1111.2	988.5	862.4	740.9	632.9	522.8	428.4	340.0	256.1
62.5°	1670.6	1502.7	1345.5	1183.8	1035.4	893.6	753.6	632.9	510.2	408.8	310.7
60°	1968.4	1779.1	1583.8	1402.4	1221.6	1051.1	893.6	740.9	607.6	476.3	369.8
57.5°	2294.9	2061.6	1844.7	1627.4	1421.4	1221.6	1035.4	862.4	702.8	557.1	427.6
55°	2633.1	2370.7	2111.8	1866.6	1627.4	1402.4	1183.8	988.5	800.3	639.8	483.9
52.5°	3007.3	2692.6	2396.1	2111.8	1844.7	1583.8	1345.5	1111.2	910.8	720.1	552.4
50°	3402.3	3037.4	2692.6	2370.7	2061.6	1779.1	1502.7	1251.5	1018.0	803.1	620.5
47.5°	3815.1	3402.3	3007.3	2633.1	2294.9	1968.4	1670.6	1389.7	1121.7	895.2	686.4
45°	4262.1	3779.5	3332.0	2917.2	2520.8	2169.7	1838.0	1523.0	1241.0	983.8	749.7
42.5°	4710.2	4179.2	3673.0	3192.3	2768.5	2370.0	1999.0	1666.4	1356.0	1069.0	818.3
40°	5227.1	4584.4	4014.5	3497.3	3012.4	2563.0	2171.9	1806.1	1466.1	1155.6	889.3
37.5°	5733.2	5021.3	4376.9	3789.4	3254.6	2777.0	2339.3	1939.4	1574.9	1248.4	956.8
35°	6281.2	5473.4	4722.8	4090.7	3511.1	2980.4	2498.2	2072.4	1688.1	1336.3	1020.8
32.5°	6808.1	5922.1	5115.3	4394.2	3753.9	3172.7	2663.3	2207.9	1794.7	1419.1	1080.9
30°	7384.0	6385.5	5491.5	4680.0	3992.3	3379.2	2827.5	2334.9	1894.6	1496.6	1139.9
27.5°	7948.8	6820.1	5854.2	4989.1	4237.6	3573.9	2980.4	2453.1	1987.5	1572.3	1202.5
25°	8495.3	7284.6	6227.4	5290.0	4464.6	3753.9	3121.7	2563.0	2080.8	1647.9	1260.2
22.5°	9049.4	7732.9	6570.3	5566.0	4672.6	3919.2	3260.7	2679.2	2169.7	1716.9	1312.8
20°	9553.9	8140.4	6881.4	5822.8	4884.3	4090.7	3395.6	2784.1	2249.9	1779.1	1360.3
17.5°	10018.8	8529.9	7206.5	6077.8	5088.4	4243.4	3515.7	2877.5	2321.2	1834.3	1402.4
15°	10484.7	8895.7	7500.5	6301.1	5266.9	4376.9	3620.6	2958.9	2383.4	1882.5	1439.1
12.5°	10883.8	9208.8	7751.8	6491.7	5419.2	4490.7	3710.0	3028.3	2436.4	1923.5	1470.3
10°	11213.9	9467.3	7959.1	6648.9	5544.6	4584.4	3783.5	3085.3	2479.9	1957.2	1496.0
7.5°	11472.8	9670.0	8121.5	6771.9	5642.7	4657.7	3840.9	3129.9	2513.9	1983.5	1516.0
5°	11659.0	9815.6	8238.1	6860.1	5713.1	4710.2	3882.1	3161.8	2538.2	2002.3	1530.3
2.5°	11771.2	9903.3	8308.3	6913.3	5755.5	4741.8	3906.8	3181.0	2552.8	2013.6	1538.9
0°	11808.7	9932.6	8331.7	6931.0	5769.6	4752.3	3915.1	3187.4	2557.7	2017.4	1541.8
-2.5°	11771.2	9903.3	8308.3	6913.3	5755.5	4741.8	3906.8	3181.0	2552.8	2013.6	1538.9
-5°	11659.0	9815.6	8238.1	6860.1	5713.1	4710.2	3882.1	3161.8	2538.2	2002.3	1530.3
-7.5°	11472.8	9670.0	8121.5	6771.9	5642.7	4657.7	3840.9	3129.9	2513.9	1983.5	1516.0
-10°	11213.9	9467.3	7959.1	6648.9	5544.6	4584.4	3783.5	3085.3	2479.9	1957.2	1496.0
-12.5°	10883.8	9208.8	7751.8	6491.7	5419.2	4490.7	3710.0	3028.3	2436.4	1923.5	1470.3
-15°	10484.7	8895.7	7500.5	6301.1	5266.9	4376.9	3620.6	2958.9	2383.4	1882.5	1439.1
-17.5°	10018.8	8529.9	7206.5	6077.8	5088.4	4243.4	3515.7	2877.5	2321.2	1834.3	1402.4
-20°	9553.9	8140.4	6881.4	5822.8	4884.3	4090.7	3395.6	2784.1	2249.9	1779.1	1360.3



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9049.4	7732.9	6570.3	5566.0	4672.6	3919.2	3260.7	2679.2	2169.7	1716.9	1312.8
-25°	8495.3	7284.6	6227.4	5290.0	4464.6	3753.9	3121.7	2563.0	2080.8	1647.9	1260.2
-27.5°	7948.8	6820.1	5854.2	4989.1	4237.6	3573.9	2980.4	2453.1	1987.5	1572.3	1202.5
-30°	7384.0	6385.5	5491.5	4680.0	3992.3	3379.2	2827.5	2334.9	1894.6	1496.6	1139.9
-32.5°	6808.1	5922.1	5115.3	4394.2	3753.9	3172.7	2663.3	2207.9	1794.7	1419.1	1080.9
-35°	6281.2	5473.4	4722.8	4090.7	3511.1	2980.4	2498.2	2072.4	1688.1	1336.3	1020.8
-37.5°	5733.2	5021.3	4376.9	3789.4	3254.6	2777.0	2339.3	1939.4	1574.9	1248.4	956.8
-40°	5227.1	4584.4	4014.5	3497.3	3012.4	2563.0	2171.9	1806.1	1466.1	1155.6	889.3
-42.5°	4710.2	4179.2	3673.0	3192.3	2768.5	2370.0	1999.0	1666.4	1356.0	1069.0	818.3
-45°	4262.1	3779.5	3332.0	2917.2	2520.8	2169.7	1838.0	1523.0	1241.0	983.8	749.7
-47.5°	3815.1	3402.3	3007.3	2633.1	2294.9	1968.4	1670.6	1389.7	1121.7	895.2	686.4
-50°	3402.3	3037.4	2692.6	2370.7	2061.6	1779.1	1502.7	1251.5	1018.0	803.1	620.5
-52.5°	3007.3	2692.6	2396.1	2111.8	1844.7	1583.8	1345.5	1111.2	910.8	720.1	552.4
-55°	2633.1	2370.7	2111.8	1866.6	1627.4	1402.4	1183.8	988.5	800.3	639.8	483.9
-57.5°	2294.9	2061.6	1844.7	1627.4	1421.4	1221.6	1035.4	862.4	702.8	557.1	427.6
-60°	1968.4	1779.1	1583.8	1402.4	1221.6	1051.1	893.6	740.9	607.6	476.3	369.8
-62.5°	1670.6	1502.7	1345.5	1183.8	1035.4	893.6	753.6	632.9	510.2	408.8	310.7
-65°	1389.7	1251.5	1111.2	988.5	862.4	740.9	632.9	522.8	428.4	340.0	256.1
-67.5°	1121.7	1018.0	910.8	800.3	702.8	607.6	510.2	428.4	349.8	269.8	214.5
-70°	895.2	803.1	720.1	639.8	557.1	476.3	408.8	340.0	269.8	221.1	172.3
-72.5°	686.4	620.5	552.4	483.9	427.6	369.8	310.7	256.1	214.5	172.3	129.5
-75°	497.9	452.3	406.9	360.1	311.8	264.1	229.9	194.9	159.2	122.9	100.6
-77.5°	348.6	312.1	274.3	245.9	218.8	190.9	162.3	133.1	110.0	93.4	76.5
-80°	222.3	202.6	182.2	161.1	139.4	117.6	105.0	92.2	79.1	65.8	52.2
-82.5°	121.7	112.0	103.7	95.0	86.0	76.8	67.4	57.8	47.9	37.9	32.4
-85°	64.8	59.4	53.8	48.0	42.1	36.0	33.2	30.4	27.5	24.6	21.6
-87.5°	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3	10.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
85°	18.6	15.6	12.5	9.4	6.3	3.1	0.0
82.5°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
80°	38.5	31.0	24.9	18.7	12.5	6.2	0.0
77.5°	59.4	42.1	31.0	23.3	15.6	7.8	0.0
75°	80.1	59.4	38.5	27.9	18.6	9.3	0.0
72.5°	100.6	76.5	52.2	32.4	21.6	10.8	0.0
70°	122.9	93.4	65.8	37.9	24.6	12.3	0.0
67.5°	159.2	110.0	79.1	47.9	27.5	13.8	0.0
65°	194.9	133.1	92.2	57.8	30.4	15.2	0.0
62.5°	229.9	162.3	105.0	67.4	33.2	16.6	0.0
60°	264.1	190.9	117.6	76.8	36.0	18.0	0.0
57.5°	311.8	218.8	139.4	86.0	42.1	19.3	0.0
55°	360.1	245.9	161.1	95.0	48.0	20.6	0.0
52.5°	406.9	274.3	182.2	103.7	53.8	21.9	0.0
50°	452.3	312.1	202.6	112.0	59.4	23.1	0.0
47.5°	497.9	348.6	222.3	121.7	64.8	24.3	0.0
45°	552.1	383.7	241.2	135.9	70.0	25.5	0.0
42.5°	604.1	417.3	259.3	149.5	74.9	26.5	0.0
40°	653.7	449.4	280.8	162.5	79.7	27.6	0.0
37.5°	700.9	479.9	305.1	174.8	84.2	28.6	0.0
35°	745.6	514.1	328.2	186.4	88.4	29.5	0.0
32.5°	790.3	549.0	349.8	197.3	92.4	30.4	0.0
30°	838.3	581.6	370.0	207.5	96.1	31.2	0.0
27.5°	882.9	611.8	388.8	217.0	99.6	31.9	0.0
25°	924.0	639.7	406.0	225.7	102.8	32.6	0.0
22.5°	961.4	665.1	421.7	233.6	105.7	33.3	0.0
20°	995.1	687.9	435.9	240.8	108.3	33.8	0.0
17.5°	1025.0	708.2	448.4	247.1	110.6	34.3	0.0
15°	1051.1	725.8	459.4	252.6	112.6	34.8	0.0
12.5°	1073.3	740.9	468.7	257.3	114.3	35.1	0.0
10°	1091.5	753.2	476.3	261.1	115.7	35.5	0.0
7.5°	1105.7	762.8	482.2	264.1	116.8	35.7	0.0
5°	1115.9	769.7	486.5	266.3	117.6	35.9	0.0
2.5°	1122.0	773.8	489.0	267.6	118.0	36.0	0.0
0°	1124.0	775.2	489.9	268.0	118.2	36.0	0.0
-2.5°	1122.0	773.8	489.0	267.6	118.0	36.0	0.0
-5°	1115.9	769.7	486.5	266.3	117.6	35.9	0.0
-7.5°	1105.7	762.8	482.2	264.1	116.8	35.7	0.0
-10°	1091.5	753.2	476.3	261.1	115.7	35.5	0.0
-12.5°	1073.3	740.9	468.7	257.3	114.3	35.1	0.0
-15°	1051.1	725.8	459.4	252.6	112.6	34.8	0.0
-17.5°	1025.0	708.2	448.4	247.1	110.6	34.3	0.0
-20°	995.1	687.9	435.9	240.8	108.3	33.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	961.4	665.1	421.7	233.6	105.7	33.3	0.0
-25°	924.0	639.7	406.0	225.7	102.8	32.6	0.0
-27.5°	882.9	611.8	388.8	217.0	99.6	31.9	0.0
-30°	838.3	581.6	370.0	207.5	96.1	31.2	0.0
-32.5°	790.3	549.0	349.8	197.3	92.4	30.4	0.0
-35°	745.6	514.1	328.2	186.4	88.4	29.5	0.0
-37.5°	700.9	479.9	305.1	174.8	84.2	28.6	0.0
-40°	653.7	449.4	280.8	162.5	79.7	27.6	0.0
-42.5°	604.1	417.3	259.3	149.5	74.9	26.5	0.0
-45°	552.1	383.7	241.2	135.9	70.0	25.5	0.0
-47.5°	497.9	348.6	222.3	121.7	64.8	24.3	0.0
-50°	452.3	312.1	202.6	112.0	59.4	23.1	0.0
-52.5°	406.9	274.3	182.2	103.7	53.8	21.9	0.0
-55°	360.1	245.9	161.1	95.0	48.0	20.6	0.0
-57.5°	311.8	218.8	139.4	86.0	42.1	19.3	0.0
-60°	264.1	190.9	117.6	76.8	36.0	18.0	0.0
-62.5°	229.9	162.3	105.0	67.4	33.2	16.6	0.0
-65°	194.9	133.1	92.2	57.8	30.4	15.2	0.0
-67.5°	159.2	110.0	79.1	47.9	27.5	13.8	0.0
-70°	122.9	93.4	65.8	37.9	24.6	12.3	0.0
-72.5°	100.6	76.5	52.2	32.4	21.6	10.8	0.0
-75°	80.1	59.4	38.5	27.9	18.6	9.3	0.0
-77.5°	59.4	42.1	31.0	23.3	15.6	7.8	0.0
-80°	38.5	31.0	24.9	18.7	12.5	6.2	0.0
-82.5°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
-85°	18.6	15.6	12.5	9.4	6.3	3.1	0.0
-87.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)