

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: P1306295 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-5S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

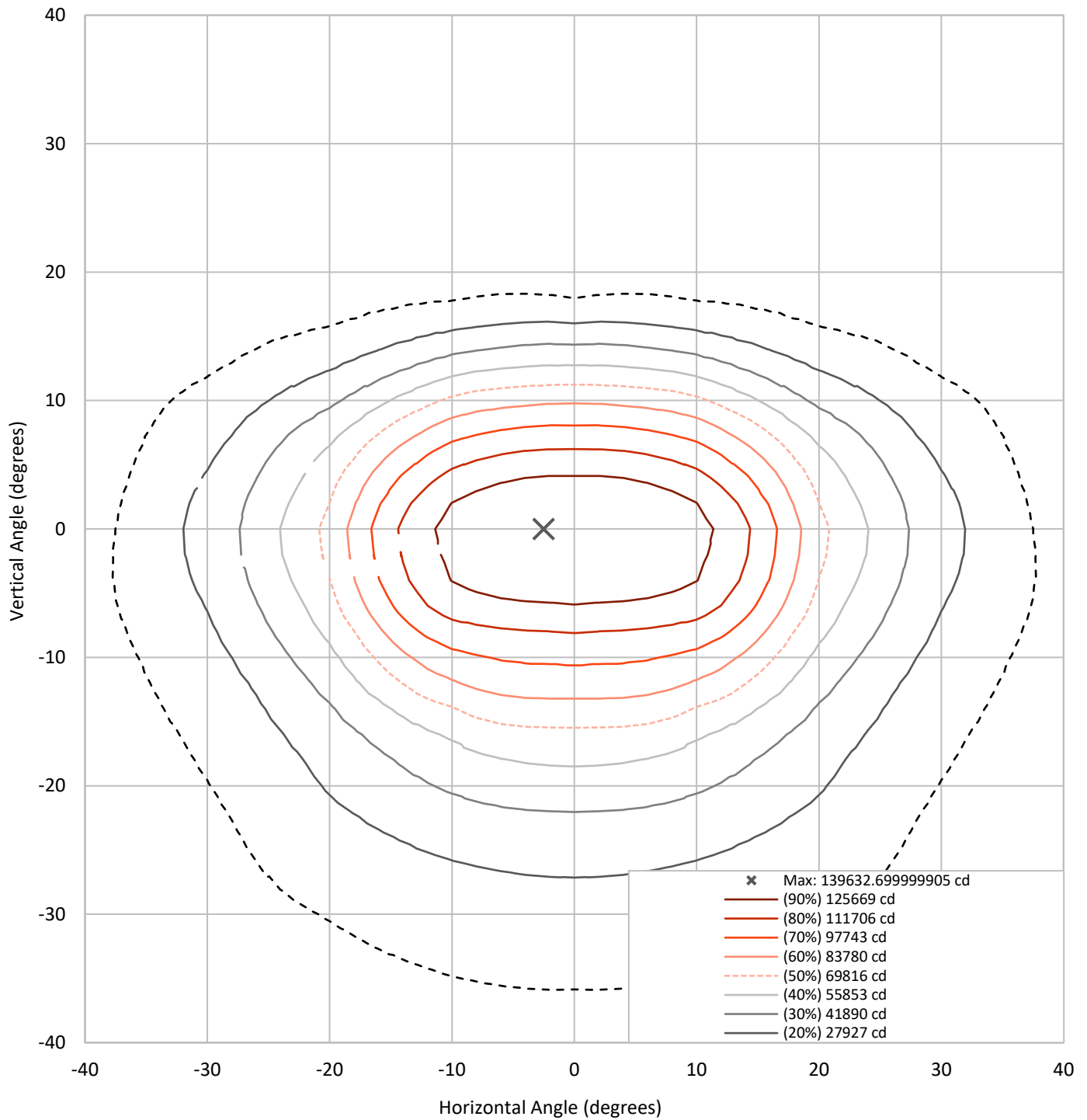
Test Method: LM-79-08  
Report Number: P1306295 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-680N-40-70-5S-CV5-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	55330.3 lumens	Max Intensity:	139632.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	80.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	27422.9 lumens	Field Lumens:	49599.5 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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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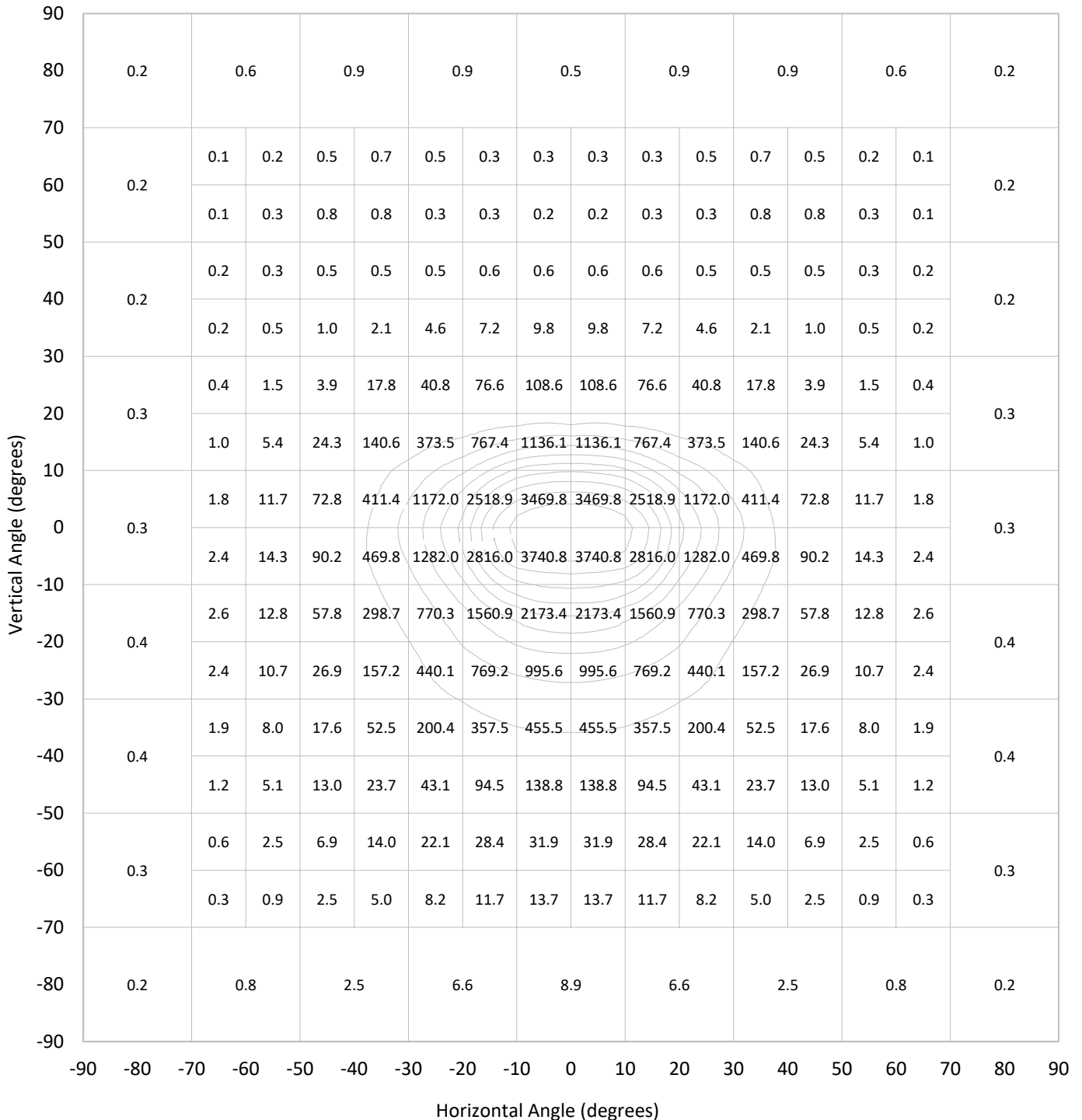
### Iso-Candela Plot





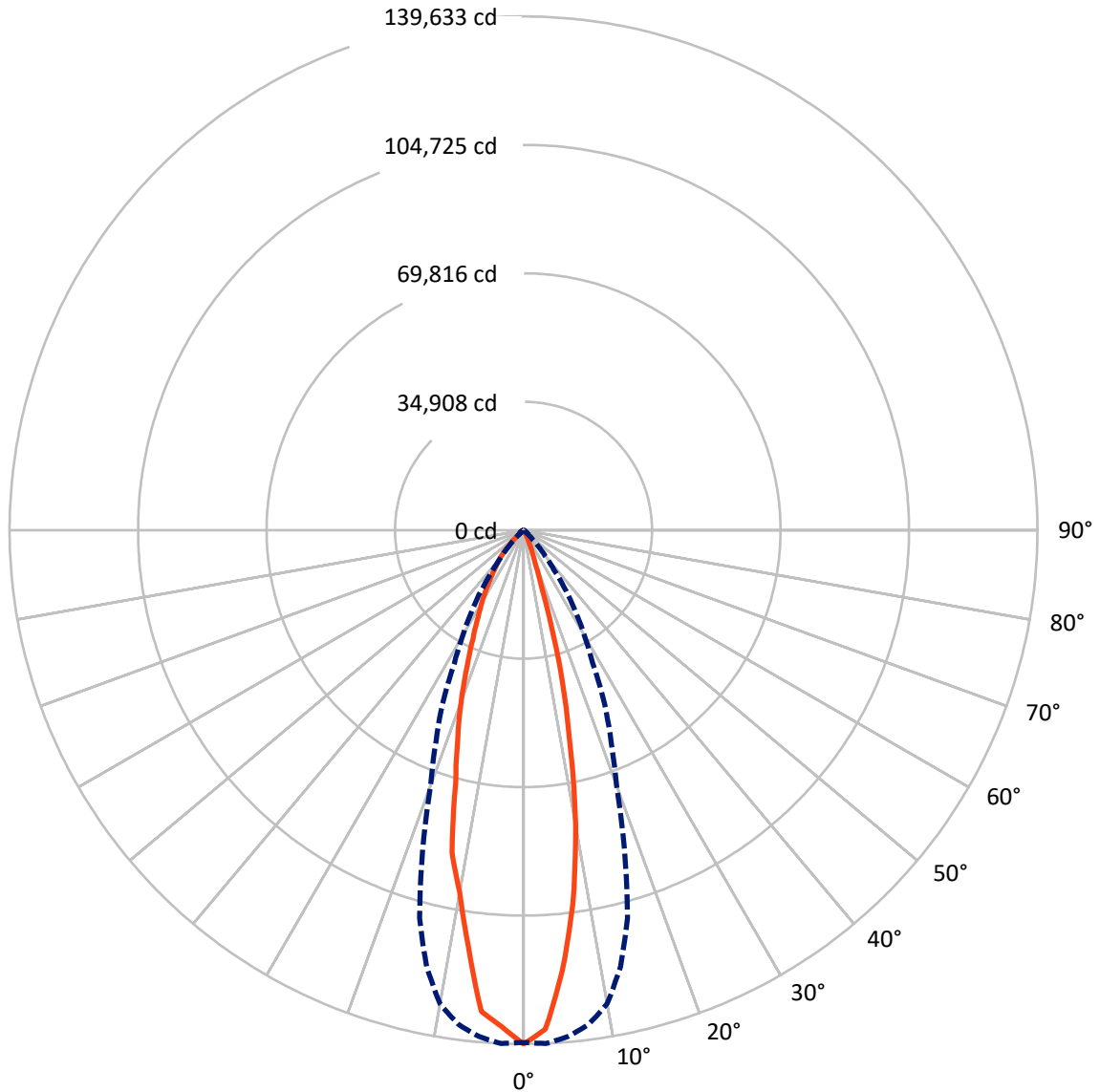
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### Lumen Table



REPORT NUMBER: P1306295 (CONVERTED FROM TYPE C PHOTOMETRY)  
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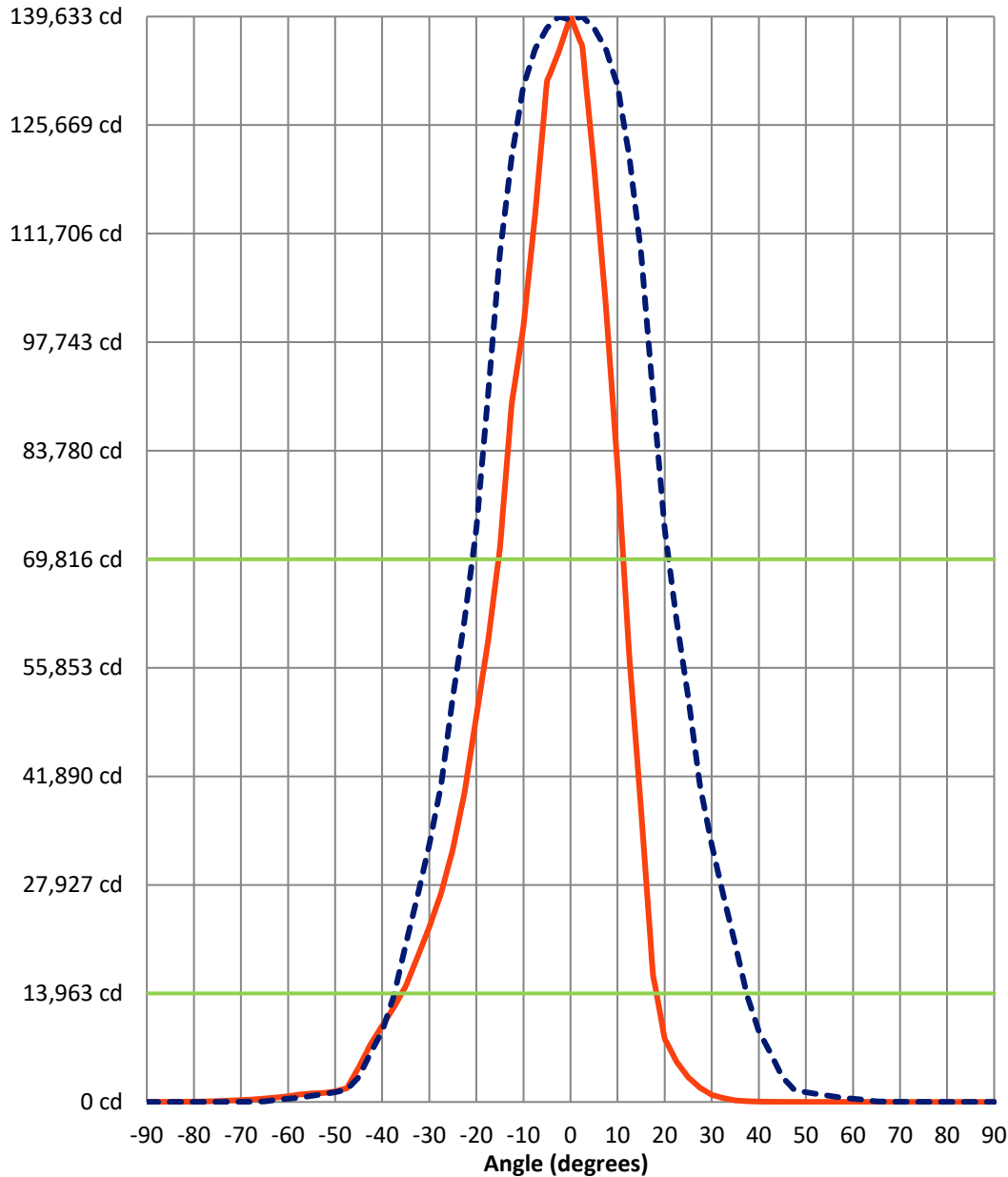
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.7°  
 V Angle: 26.5°  
 Lumens: 27422.9  
 Efficiency: 49.6%

**Field:**  
 H Angle: 74.8°  
 V Angle: 54.1°  
 Lumens: 49599.5  
 Efficiency: 89.6%

**Spill:**  
 Lumens: 5730.8  
 Efficiency: 10.4%

— Vertical Distribution through -2.5-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°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.7	8.8	8.9	9.0	9.0	9.0	8.9	8.7	8.5
85°	8.5	8.6	8.9	9.0	9.2	9.4	9.6	9.5	9.2	8.9	8.5
82.5°	8.5	8.6	9.0	9.3	9.6	9.9	10.1	9.9	9.6	9.3	9.1
80°	8.5	8.7	9.2	9.6	10.0	10.3	10.6	10.2	10.0	9.9	10.0
77.5°	8.5	8.7	9.4	9.9	10.3	10.6	10.6	10.4	10.3	10.5	10.6
75°	8.5	8.8	9.5	10.1	10.6	10.6	10.6	10.5	10.6	10.6	10.6
72.5°	8.5	8.8	9.7	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6
70°	8.5	8.8	9.8	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
67.5°	8.5	8.9	10.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
65°	8.5	8.9	10.1	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
62.5°	8.5	8.9	10.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
60°	8.5	9.0	10.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
57.5°	8.5	9.0	10.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
55°	8.5	9.0	10.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
52.5°	8.5	9.0	10.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
50°	8.5	9.0	10.2	10.6	10.6	10.6	10.6	10.7	10.6	10.6	11.2
47.5°	8.5	9.0	10.2	10.6	10.6	10.6	10.6	10.9	10.6	10.6	11.9
45°	8.5	9.0	10.2	10.6	10.6	10.6	10.8	11.1	10.8	11.2	12.6
42.5°	8.5	9.0	10.2	10.6	10.6	10.6	11.0	11.3	11.1	11.8	13.4
40°	8.5	9.0	10.2	10.6	10.6	10.6	11.2	11.6	11.5	12.4	14.1
37.5°	8.5	9.0	10.3	10.6	10.6	10.6	11.5	11.9	12.3	13.2	14.6
35°	8.5	9.0	10.3	10.6	10.6	10.7	11.8	12.3	13.0	14.1	15.0
32.5°	8.5	9.0	10.3	10.6	10.6	11.0	12.1	12.7	13.7	15.1	16.3
30°	8.5	9.0	10.3	10.6	10.6	11.2	12.4	13.2	14.4	16.2	17.9
27.5°	8.5	8.9	10.3	10.6	10.6	11.4	12.8	13.8	15.2	17.3	19.8
25°	8.5	8.9	10.4	10.6	10.6	11.7	13.2	14.4	16.1	18.7	21.9
22.5°	8.5	8.9	10.4	10.6	10.6	11.9	13.5	15.0	17.0	20.3	25.8
20°	8.5	8.8	10.4	10.6	10.6	12.1	13.9	15.5	17.9	22.1	30.1
17.5°	8.5	8.8	10.5	10.6	10.6	12.2	14.2	16.0	18.9	23.9	34.8
15°	8.5	8.8	10.5	10.6	10.6	12.3	14.4	16.4	19.8	25.8	39.9
12.5°	8.5	8.7	10.5	10.6	10.6	12.4	14.5	16.5	20.5	27.7	45.1
10°	8.5	8.7	10.5	10.6	10.6	12.5	14.6	16.7	21.2	30.1	50.8
7.5°	8.5	8.6	10.6	10.6	10.6	12.6	14.7	16.8	21.8	32.8	57.6
5°	8.5	8.6	10.6	10.6	10.6	12.7	14.8	16.8	22.4	35.4	64.2
2.5°	8.5	8.5	10.6	10.6	10.6	12.7	14.8	16.9	22.9	37.9	70.5
0°	8.5	8.5	10.6	10.6	10.6	12.7	14.8	16.9	23.3	40.2	76.3
-2.5°	8.5	8.5	10.6	10.6	10.8	12.9	15.1	18.9	29.0	50.5	93.1
-5°	8.5	8.6	10.6	10.6	11.0	13.1	15.3	20.8	34.4	60.4	108.9
-7.5°	8.5	8.6	10.6	10.6	11.1	13.3	15.5	22.5	39.4	69.4	123.1
-10°	8.5	8.7	10.5	10.6	11.3	13.5	15.7	24.0	43.8	77.4	135.6
-12.5°	8.5	8.7	10.5	10.6	11.4	13.6	15.9	25.1	47.3	84.2	145.1
-15°	8.5	8.8	10.5	10.6	11.5	13.7	16.0	25.9	50.3	89.9	152.2
-17.5°	8.5	8.8	10.5	10.6	11.6	13.8	16.1	27.1	52.8	94.0	157.0
-20°	8.5	8.8	10.4	10.6	11.7	13.9	16.6	28.5	54.3	96.5	159.2



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 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.5	8.9	10.4	10.6	11.7	13.9	17.6	29.5	54.8	97.1	158.8
-25°	8.5	8.9	10.4	10.6	11.7	14.0	18.3	30.0	54.1	95.7	155.6
-27.5°	8.5	8.9	10.3	10.6	11.7	14.0	18.5	30.0	52.2	93.3	153.7
-30°	8.5	9.0	10.3	10.6	11.6	13.9	18.4	29.4	51.1	91.0	149.2
-32.5°	8.5	9.0	10.3	10.6	11.5	13.7	17.9	29.1	50.3	87.0	142.0
-35°	8.5	9.0	10.3	10.6	11.3	13.5	17.5	28.6	48.6	81.2	131.9
-37.5°	8.5	9.0	10.3	10.6	11.2	13.2	17.2	27.4	46.2	73.7	118.2
-40°	8.5	9.0	10.2	10.6	11.0	13.0	16.7	25.5	43.0	68.7	105.3
-42.5°	8.5	9.0	10.2	10.6	11.0	12.8	16.0	22.9	39.8	62.6	91.4
-45°	8.5	9.0	10.2	10.7	11.0	12.5	15.2	20.6	36.0	55.5	77.6
-47.5°	8.5	9.0	10.2	10.7	11.1	12.3	14.2	19.4	31.3	47.7	68.8
-50°	8.5	9.0	10.2	10.7	11.2	12.0	13.7	18.0	25.3	40.8	59.2
-52.5°	8.5	9.0	10.3	10.8	11.2	11.7	13.4	16.3	21.9	33.6	49.1
-55°	8.5	9.0	10.3	10.8	11.3	11.7	13.0	14.6	19.6	25.9	40.3
-57.5°	8.5	9.0	10.3	10.8	11.3	11.8	12.6	14.2	17.2	22.0	31.2
-60°	8.5	9.0	10.3	10.8	11.4	11.8	12.3	13.7	15.2	19.3	23.7
-62.5°	8.5	8.9	10.2	10.7	11.3	11.9	12.4	13.2	14.6	16.5	20.6
-65°	8.5	8.9	10.1	10.7	11.2	11.9	12.4	12.9	14.1	15.4	17.4
-67.5°	8.5	8.9	10.0	10.7	11.1	11.8	12.5	12.9	13.5	14.7	16.0
-70°	8.5	8.8	9.8	10.6	10.9	11.6	12.5	12.8	13.3	14.0	15.2
-72.5°	8.5	8.8	9.7	10.4	10.8	11.3	12.1	12.7	13.0	13.6	14.4
-75°	8.5	8.8	9.5	10.1	10.6	11.0	11.7	12.2	12.7	13.1	13.7
-77.5°	8.5	8.7	9.4	9.9	10.3	10.7	11.2	11.6	12.1	12.5	12.9
-80°	8.5	8.7	9.2	9.6	10.0	10.3	10.7	11.0	11.4	11.7	12.0
-82.5°	8.5	8.6	9.0	9.3	9.6	9.9	10.1	10.4	10.6	10.9	11.2
-85°	8.5	8.6	8.9	9.0	9.2	9.4	9.6	9.8	9.9	10.1	10.3
-87.5°	8.5	8.5	8.7	8.8	8.9	9.0	9.0	9.1	9.2	9.3	9.4
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5



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 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	9.1	9.0	8.8	8.5	8.5	8.5	8.5	8.7	8.8	8.8	8.7
80°	9.9	9.6	9.3	9.2	9.4	9.7	10.0	10.2	10.1	9.6	9.1
77.5°	10.3	10.1	10.1	10.3	10.6	10.6	10.6	10.6	10.2	9.7	9.2
75°	10.5	10.6	10.6	10.6	10.6	10.6	10.6	11.0	11.1	11.0	10.8
72.5°	10.6	10.6	10.6	10.6	10.7	11.0	11.5	12.3	12.7	12.6	12.5
70°	10.6	10.6	10.6	10.6	10.7	11.5	12.5	13.6	14.3	14.6	15.5
67.5°	10.6	10.6	10.6	10.7	11.5	12.6	13.8	15.8	18.3	19.5	20.8
65°	10.6	10.6	10.9	11.6	12.6	14.1	16.3	19.2	24.8	27.9	29.2
62.5°	10.6	10.8	11.3	12.3	13.7	15.6	19.8	26.0	33.9	38.5	38.1
60°	10.6	10.9	11.9	13.3	14.9	18.1	24.1	32.4	43.0	50.8	45.8
57.5°	10.6	11.3	12.8	14.6	17.1	20.0	27.6	37.8	48.5	60.0	51.2
55°	10.9	12.1	14.0	16.6	19.1	21.7	29.0	38.0	49.9	56.3	47.9
52.5°	11.7	13.1	15.8	18.3	20.7	22.3	25.7	34.4	40.8	45.5	40.8
50°	12.5	14.7	17.3	19.5	21.1	21.1	20.2	26.8	31.9	33.5	33.1
47.5°	13.6	16.1	18.1	20.0	20.3	19.9	17.8	21.0	24.5	26.2	25.0
45°	14.7	16.9	18.8	19.5	19.8	19.0	18.3	17.4	21.3	22.1	21.1
42.5°	15.6	17.5	19.0	19.2	20.0	20.3	20.2	19.6	20.1	20.7	20.4
40°	16.1	18.1	19.3	21.0	21.3	23.1	24.5	24.3	20.7	22.9	23.3
37.5°	16.6	18.7	21.0	25.3	24.6	27.7	30.0	33.0	30.1	28.3	31.7
35°	17.0	19.6	26.6	31.8	32.0	33.9	41.3	44.9	42.7	40.4	44.5
32.5°	17.7	20.7	34.1	39.5	42.6	45.5	56.0	58.0	60.0	61.0	64.4
30°	19.6	27.5	42.7	48.2	54.8	66.2	71.8	73.6	81.3	91.7	119.9
27.5°	23.6	36.5	50.8	59.5	70.0	89.4	96.8	97.7	110.5	137.7	205.6
25°	28.5	57.7	59.6	72.3	91.8	115.2	130.3	144.9	149.7	231.4	393.5
22.5°	40.0	85.0	94.7	86.0	115.2	145.2	177.4	218.4	280.5	374.6	615.1
20°	60.1	114.9	138.4	144.4	151.6	179.4	232.0	314.6	508.6	843.6	1163.0
17.5°	83.3	149.4	187.2	217.9	252.4	263.6	297.7	429.5	796.5	1512.2	2349.3
15°	108.9	187.6	240.0	300.2	363.9	412.9	484.5	690.3	1282.1	2435.6	3873.2
12.5°	136.0	228.4	295.7	389.3	483.6	571.2	705.5	1145.8	2141.2	3741.1	5921.9
10°	163.7	270.9	353.4	483.0	609.1	736.0	934.7	1667.0	3157.1	5132.4	7788.3
7.5°	194.1	312.6	410.8	579.0	737.7	904.1	1167.5	2227.7	4209.1	6417.5	9405.1
5°	223.8	351.4	461.8	656.0	843.0	1050.0	1378.9	2796.3	5253.0	7589.9	10870.9
2.5°	251.3	388.0	510.8	725.9	929.7	1156.7	1495.0	3030.8	5854.0	8455.0	12315.9
0°	275.4	421.5	557.1	790.1	1010.3	1256.0	1597.0	3200.5	6267.5	9118.4	13725.3
-2.5°	285.9	434.3	580.0	809.6	1007.0	1240.2	1597.6	3256.8	6621.8	9906.4	14437.0
-5°	292.3	443.4	598.4	822.2	998.9	1216.7	1582.1	3231.8	6680.0	10088.5	14155.9
-7.5°	295.0	448.6	611.4	825.0	978.6	1170.3	1511.3	2995.8	6046.8	9253.1	12837.4
-10°	294.2	447.2	606.0	799.2	941.3	1108.3	1416.8	2684.8	5313.7	8310.1	11436.0
-12.5°	288.8	440.0	594.1	770.9	905.1	1043.2	1308.1	2301.9	4510.2	7288.1	10094.6
-15°	281.3	429.9	578.3	741.5	871.4	976.3	1185.7	1849.7	3672.8	6371.2	9017.5
-17.5°	271.9	417.2	558.8	711.9	842.0	908.8	1054.9	1397.2	2923.9	5389.0	7932.9
-20°	261.1	402.1	535.7	683.4	814.9	864.4	985.5	1259.8	2311.9	4294.6	6755.6



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 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	249.3	384.8	511.6	653.6	775.4	841.3	924.4	1114.3	1648.6	3096.4	5484.1
-25°	242.1	366.4	488.1	614.4	736.2	819.3	862.1	974.7	1246.4	2336.4	4142.9
-27.5°	237.4	348.2	456.3	572.1	697.5	792.0	827.2	904.7	1095.5	1548.2	2882.0
-30°	229.1	320.2	421.9	528.9	650.2	748.6	805.2	850.6	965.8	1213.7	1976.7
-32.5°	212.0	290.4	387.3	488.5	597.9	707.1	788.5	832.4	906.9	1035.1	1291.3
-35°	191.8	265.8	351.8	445.5	543.9	656.1	751.7	824.2	859.4	947.8	1112.0
-37.5°	173.2	239.5	314.8	402.4	494.8	598.2	709.8	791.5	849.8	890.5	1007.7
-40°	152.7	211.5	282.2	360.5	445.2	539.9	643.5	744.6	822.4	889.8	942.0
-42.5°	131.3	187.0	249.9	317.2	397.0	482.7	574.2	675.0	775.2	866.4	936.8
-45°	114.9	160.6	216.8	279.6	347.6	424.7	508.9	596.9	701.5	806.3	897.6
-47.5°	97.5	134.7	185.6	239.6	300.6	368.3	442.1	524.8	613.2	714.5	821.6
-50°	81.0	114.5	151.9	201.6	254.5	313.2	378.4	451.0	530.3	614.4	707.5
-52.5°	69.3	93.3	125.9	163.5	210.4	260.7	317.4	379.9	448.5	520.2	595.7
-55°	56.7	77.2	100.8	131.7	167.7	211.4	259.1	313.5	368.4	432.2	490.0
-57.5°	45.3	62.0	80.7	103.0	132.2	164.1	206.0	249.4	298.7	348.5	391.1
-60°	34.5	48.2	63.9	80.9	99.8	127.2	155.3	191.5	231.4	269.5	306.1
-62.5°	24.7	35.8	48.6	62.5	77.9	93.7	116.8	142.3	167.7	199.7	229.3
-65°	21.2	25.4	34.7	46.4	58.1	73.0	87.5	101.4	122.7	143.6	163.0
-67.5°	17.5	21.0	25.0	30.9	41.6	53.7	65.8	78.7	91.0	101.7	113.8
-70°	16.1	16.8	19.5	23.3	28.0	35.5	46.3	57.1	67.7	77.9	87.5
-72.5°	15.2	15.8	16.3	16.8	20.6	25.8	31.4	37.3	44.7	52.9	61.4
-75°	14.3	14.7	15.2	15.7	16.9	18.8	21.5	26.3	30.9	35.1	39.0
-77.5°	13.3	13.7	14.1	14.5	15.3	16.5	18.1	19.9	22.2	24.7	27.3
-80°	12.4	12.7	13.0	13.3	13.8	14.4	15.2	16.1	17.5	19.3	21.3
-82.5°	11.4	11.6	11.9	12.1	12.3	12.5	12.8	13.2	13.8	14.5	15.5
-85°	10.4	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8
-87.5°	9.5	9.5	9.6	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.2
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5



REPORT NUMBER: P1306295 (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°	8.5	9.0	9.6	10.1	10.6	12.2	13.7	15.3	16.9	16.4	15.8
87.5°	8.5	8.0	7.5	6.9	6.4	5.9	5.3	4.8	4.2	3.7	3.2
85°	8.5	8.3	8.2	8.1	8.1	7.7	7.2	6.7	6.3	5.3	4.2
82.5°	8.5	8.5	8.5	8.5	8.5	8.0	7.5	7.0	6.4	5.4	4.3
80°	8.6	8.5	8.5	8.5	8.5	8.0	7.5	7.0	6.4	5.4	4.3
77.5°	8.8	8.9	8.9	8.8	8.6	8.1	7.5	7.0	6.5	5.5	4.4
75°	10.6	10.3	10.0	9.4	8.7	8.1	7.6	7.0	6.5	5.9	5.3
72.5°	12.3	11.9	11.3	11.0	10.4	9.9	9.5	9.0	8.2	7.7	7.3
70°	16.3	16.7	16.3	15.5	14.2	13.0	12.1	11.3	10.4	9.5	8.6
67.5°	22.1	22.1	20.9	19.2	16.7	14.4	13.3	12.2	11.1	10.5	10.3
65°	28.9	26.3	23.7	20.8	17.6	14.6	13.5	12.4	11.2	10.6	10.6
62.5°	35.1	28.4	22.9	19.4	16.7	14.6	13.1	11.6	10.1	9.1	8.9
60°	37.8	27.0	19.3	16.8	14.7	12.9	11.4	10.2	9.2	8.4	7.9
57.5°	37.9	25.6	16.3	14.2	12.4	11.1	10.3	9.7	9.1	8.4	7.8
55°	34.5	22.8	13.5	12.2	11.6	11.0	10.4	9.8	9.2	8.5	7.9
52.5°	28.1	20.0	14.3	12.3	11.7	11.1	10.5	9.9	9.3	8.6	8.0
50°	24.4	18.3	14.6	12.5	11.9	11.3	10.7	10.5	10.5	10.0	9.6
47.5°	21.2	16.8	14.4	12.8	12.6	13.4	14.1	14.2	13.9	13.5	12.9
45°	18.6	16.2	15.0	15.7	16.3	17.6	18.4	18.5	18.5	18.6	18.4
42.5°	18.4	18.5	19.7	21.8	21.7	24.5	25.8	22.8	26.1	27.9	26.3
40°	24.4	25.0	30.8	35.6	40.0	40.7	47.5	48.5	49.4	52.4	52.9
37.5°	35.7	41.9	60.0	73.6	79.3	79.8	89.8	91.8	89.0	101.2	104.7
35°	54.6	82.9	112.2	129.1	138.6	145.8	159.4	175.0	167.6	194.5	203.9
32.5°	98.0	149.7	203.0	201.0	219.1	267.4	285.4	313.8	343.4	388.8	438.6
30°	164.9	304.6	366.3	343.8	394.7	463.6	464.1	543.3	653.7	747.5	888.7
27.5°	371.6	528.0	608.6	644.7	683.3	770.4	878.3	979.1	1260.0	1452.1	1653.9
25°	630.8	846.8	933.2	1067.2	1188.8	1269.6	1595.9	1834.0	2237.8	2530.9	2834.2
22.5°	1017.3	1302.8	1481.6	1602.9	2012.7	2377.1	2725.7	3244.4	3645.3	4148.1	4526.9
20°	1501.1	1886.7	2543.3	3058.6	3316.0	4090.1	4720.6	5256.7	5967.8	6591.3	7145.8
17.5°	2832.4	3049.0	4421.0	5763.6	6306.3	7307.2	9120.1	9804.1	11851.7	13351.0	14160.6
15°	5128.6	6176.3	7621.3	9859.6	12342.7	14304.2	16022.7	19541.9	23448.7	26912.0	30558.3
12.5°	8109.9	10158.7	12590.6	15328.7	19802.5	23352.7	27155.2	32184.5	38495.7	43988.5	50450.4
10°	11096.5	14558.4	17920.1	22186.6	27837.8	33319.0	38795.9	46761.6	56032.2	64933.0	72628.9
7.5°	13565.9	18259.1	22814.9	28713.4	36410.7	44047.4	51702.2	62237.9	74498.8	84657.3	93390.4
5°	16079.3	21956.8	27300.9	34103.6	43162.8	52463.9	62043.5	75180.5	89662.7	101165.6	110175.9
2.5°	18387.2	25047.2	31232.7	38818.2	48906.4	58006.7	68911.1	85038.6	102295.2	114704.4	124637.6
0°	20251.2	26493.2	33101.7	40735.3	52063.0	62094.3	73779.9	91074.2	109131.0	121529.3	130695.4
-2.5°	19850.0	26163.6	32342.3	40098.1	51470.3	60705.5	72535.7	89551.5	107391.6	119988.2	128220.7
-5°	18597.4	24185.4	29733.1	37017.0	47017.4	56016.5	67601.9	85092.7	102205.2	115050.5	124523.3
-7.5°	16745.2	21489.8	26521.6	33158.8	41863.7	50472.1	60548.9	74488.2	90460.1	102079.1	108945.2
-10°	14795.3	18723.6	23435.9	29045.0	36229.2	43961.1	52329.6	63496.1	77143.7	87333.2	93847.0
-12.5°	13086.0	16489.6	20693.4	24841.9	30703.4	37589.7	45020.6	54158.4	63163.8	73908.8	79540.2
-15°	11511.6	14348.5	17960.8	21938.4	26809.3	32221.6	37546.1	44387.9	50252.3	56964.1	61840.4
-17.5°	10194.2	12459.9	15660.6	19515.4	23183.0	27843.5	32924.7	37559.2	42517.3	47362.3	51406.1
-20°	9003.8	10873.2	13602.3	16996.1	20609.7	24572.9	29056.5	32829.0	36880.4	40562.1	43725.0



REPORT NUMBER: P1306295 (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°	7650.8	9546.4	11660.0	14563.8	18182.7	21735.8	25056.0	27907.0	30968.4	33943.4	36189.3
-25°	6242.7	8062.1	10085.6	12826.1	15790.6	18780.2	21131.6	23138.9	25528.6	27672.4	29599.7
-27.5°	4786.8	6726.5	8909.0	11198.0	13776.6	15676.4	17655.2	19470.5	21286.7	22729.1	24356.8
-30°	3327.8	5444.3	7590.9	9757.3	11523.6	13040.2	14516.0	16180.8	17824.0	19194.9	20343.8
-32.5°	2285.3	3812.0	5978.1	7992.8	9502.5	10791.4	11931.3	13350.9	14624.3	15752.6	16757.7
-35°	1372.5	2448.1	3935.5	5850.1	7502.0	8756.1	9917.1	10993.5	11944.0	12894.3	13650.4
-37.5°	1175.9	1414.1	2316.2	3589.4	5161.5	6679.0	7871.9	8879.5	9765.2	10497.0	11138.5
-40°	1058.9	1199.8	1397.0	1831.4	2989.0	4147.9	5449.8	6598.3	7532.5	8219.9	8778.1
-42.5°	989.8	1080.1	1176.6	1331.4	1503.4	2053.6	3049.7	4001.2	4822.2	5583.6	6237.2
-45°	978.0	1016.3	1068.2	1155.5	1234.9	1377.5	1533.1	1685.3	2331.1	2943.1	3445.2
-47.5°	904.8	982.8	1030.4	1069.5	1111.1	1178.5	1244.3	1314.7	1432.2	1542.4	1637.0
-50°	797.8	881.8	953.8	1024.2	1061.1	1088.4	1115.5	1150.6	1196.4	1238.3	1276.8
-52.5°	666.6	747.4	828.3	903.2	961.8	1015.7	1064.1	1086.8	1104.1	1119.8	1132.2
-55°	550.2	614.0	677.6	746.1	813.9	878.3	934.0	970.7	1003.9	1033.2	1058.2
-57.5°	440.4	490.2	542.0	597.7	651.7	703.7	753.3	798.5	838.7	873.6	903.0
-60°	341.2	374.7	418.0	462.2	504.3	544.2	584.4	620.9	653.9	683.0	705.7
-62.5°	256.1	283.9	316.7	347.9	375.5	405.3	442.8	474.2	499.9	520.8	539.1
-65°	184.0	207.2	233.6	259.8	285.4	310.9	337.1	362.4	386.5	405.7	419.3
-67.5°	130.6	147.0	165.6	181.8	201.0	223.3	247.1	268.8	288.6	302.3	310.5
-70°	96.3	105.9	119.3	134.9	150.9	165.7	180.9	196.0	210.9	221.4	229.3
-72.5°	70.2	79.7	89.6	99.6	110.4	121.4	132.4	143.6	154.8	161.7	166.5
-75°	42.5	48.2	56.8	65.2	73.3	80.9	88.1	94.8	101.1	104.3	106.4
-77.5°	30.6	34.5	38.8	43.1	47.6	52.1	56.6	61.0	65.5	67.4	68.9
-80°	23.3	25.5	27.9	30.5	33.1	35.8	38.5	41.3	44.1	44.5	44.6
-82.5°	16.5	18.1	19.8	21.4	22.9	24.4	25.9	27.4	28.8	29.1	29.3
-85°	11.9	12.9	13.9	15.0	16.1	17.2	18.4	19.6	20.7	20.9	21.0
-87.5°	10.2	10.8	11.4	11.9	12.5	13.1	13.7	14.3	14.9	14.8	14.8
-90°	8.5	8.0	7.5	6.9	6.4	5.9	5.3	4.8	4.2	3.7	3.2



REPORT NUMBER: P1306295 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.3	14.8	14.8	14.8	14.8	14.8	15.3	15.8	16.4	16.9	15.3
87.5°	2.6	2.1	1.1	0.0	1.1	2.1	2.6	3.2	3.7	4.2	4.8
85°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.2	5.3	6.3	6.7
82.5°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.3	5.4	6.4	7.0
80°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.3	5.4	6.4	7.0
77.5°	3.3	2.2	2.1	2.1	2.1	2.2	3.3	4.4	5.5	6.5	7.0
75°	4.7	4.2	3.2	2.1	3.2	4.2	4.7	5.3	5.9	6.5	7.0
72.5°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.3	7.7	8.2	9.0
70°	7.6	6.5	6.4	6.4	6.4	6.5	7.6	8.6	9.5	10.4	11.3
67.5°	10.4	10.5	9.6	8.5	9.6	10.5	10.4	10.3	10.5	11.1	12.2
65°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	11.2	12.4
62.5°	8.7	8.6	8.5	8.5	8.5	8.6	8.7	8.9	9.1	10.1	11.6
60°	7.3	6.7	6.4	6.4	6.4	6.7	7.3	7.9	8.4	9.2	10.2
57.5°	7.2	6.6	6.4	6.4	6.4	6.6	7.2	7.8	8.4	9.1	9.7
55°	7.3	6.6	6.4	6.4	6.4	6.6	7.3	7.9	8.5	9.2	9.8
52.5°	7.3	6.7	7.2	8.5	7.2	6.7	7.3	8.0	8.6	9.3	9.9
50°	9.2	8.7	8.5	8.5	8.5	8.7	9.2	9.6	10.0	10.5	10.5
47.5°	12.2	11.1	10.6	10.6	10.6	11.1	12.2	12.9	13.5	13.9	14.2
45°	17.3	15.7	14.7	14.8	14.7	15.7	17.3	18.4	18.6	18.5	18.5
42.5°	26.0	25.5	25.1	25.4	25.1	25.5	26.0	26.3	27.9	26.1	22.8
40°	55.8	56.6	56.4	57.2	56.4	56.6	55.8	52.9	52.4	49.4	48.5
37.5°	105.1	101.6	96.3	97.4	96.3	101.6	105.1	104.7	101.2	89.0	91.8
35°	205.1	210.4	210.0	211.8	210.0	210.4	205.1	203.9	194.5	167.6	175.0
32.5°	474.5	499.8	500.4	510.5	500.4	499.8	474.5	438.6	388.8	343.4	313.8
30°	932.3	952.4	922.2	936.2	922.2	952.4	932.3	888.7	747.5	653.7	543.3
27.5°	1758.8	1832.9	1832.2	1800.4	1832.2	1832.9	1758.8	1653.9	1452.1	1260.0	979.1
25°	3089.4	3203.9	3182.7	3145.4	3182.7	3203.9	3089.4	2834.2	2530.9	2237.8	1834.0
22.5°	4870.9	5060.1	5211.6	5113.1	5211.6	5060.1	4870.9	4526.9	4148.1	3645.3	3244.4
20°	7961.6	8015.6	8176.4	8118.7	8176.4	8015.6	7961.6	7145.8	6591.3	5967.8	5256.7
17.5°	16354.3	16941.1	16532.9	15290.6	16532.9	16941.1	16354.3	14160.6	13351.0	11851.7	9804.1
15°	33119.4	35578.5	37488.1	36439.8	37488.1	35578.5	33119.4	30558.3	26912.0	23448.7	19541.9
12.5°	54237.4	56051.9	57265.8	57355.1	57265.8	56051.9	54237.4	50450.4	43988.5	38495.7	32184.5
10°	77847.8	79451.1	81598.8	81900.7	81598.8	79451.1	77847.8	72628.9	64933.0	56032.2	46761.6
7.5°	97724.5	100975.9	102481.2	102278.9	102481.2	100975.9	97724.5	93390.4	84657.3	74498.8	62237.9
5°	115500.8	118869.4	120344.8	120589.9	120344.8	118869.4	115500.8	110175.9	101165.6	89662.7	75180.5
2.5°	130587.5	133988.2	135760.9	135274.8	135760.9	133988.2	130587.5	124637.6	114704.4	102295.2	85038.6
0°	135468.5	138146.9	139632.7	139225.0	139632.7	138146.9	135468.5	130695.4	121529.3	109131.0	91074.2
-2.5°	132365.7	133979.6	135099.4	134666.8	135099.4	133979.6	132365.7	128220.7	119988.2	107391.6	89551.5
-5°	128927.0	130842.0	131261.0	131773.5	131261.0	130842.0	128927.0	124523.3	115050.5	102205.2	85092.7
-7.5°	111557.1	113605.6	114282.2	115307.3	114282.2	113605.6	111557.1	108945.2	102079.1	90460.1	74488.2
-10°	97391.4	99689.0	99799.8	100431.9	99799.8	99689.0	97391.4	93847.0	87333.2	77143.7	63496.1
-12.5°	85525.8	88687.6	89736.7	89485.6	89736.7	88687.6	85525.8	79540.2	73908.8	63163.8	54158.4
-15°	68332.5	71033.4	71226.1	71352.5	71226.1	71033.4	68332.5	61840.4	56964.1	50252.3	44387.9
-17.5°	55697.1	58321.7	59333.5	59647.9	59333.5	58321.7	55697.1	51406.1	47362.3	42517.3	37559.2
-20°	46440.0	48394.0	49629.9	50141.8	49629.9	48394.0	46440.0	43725.0	40562.1	36880.4	32829.0



REPORT NUMBER: P1306295 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	38152.4	39391.0	39842.7	39955.9	39842.7	39391.0	38152.4	36189.3	33943.4	30968.4	27907.0
-25°	30953.5	31937.3	32509.3	32748.0	32509.3	31937.3	30953.5	29599.7	27672.4	25528.6	23138.9
-27.5°	25412.4	26287.9	26838.5	26923.2	26838.5	26287.9	25412.4	24356.8	22729.1	21286.7	19470.5
-30°	21223.3	21992.3	22506.7	22646.7	22506.7	21992.3	21223.3	20343.8	19194.9	17824.0	16180.8
-32.5°	17585.7	18243.8	18647.4	18821.5	18647.4	18243.8	17585.7	16757.7	15752.6	14624.3	13350.9
-35°	14214.8	14657.2	14915.7	14831.0	14915.7	14657.2	14214.8	13650.4	12894.3	11944.0	10993.5
-37.5°	11653.0	12008.9	12202.6	12213.0	12202.6	12008.9	11653.0	11138.5	10497.0	9765.2	8879.5
-40°	9240.5	9602.1	9819.9	9832.2	9819.9	9602.1	9240.5	8778.1	8219.9	7532.5	6598.3
-42.5°	6757.0	7127.2	7380.1	7544.7	7380.1	7127.2	6757.0	6237.2	5583.6	4822.2	4001.2
-45°	3864.1	4183.9	4427.7	4604.8	4427.7	4183.9	3864.1	3445.2	2943.1	2331.1	1685.3
-47.5°	1707.8	1759.6	1782.2	1775.0	1782.2	1759.6	1707.8	1637.0	1542.4	1432.2	1314.7
-50°	1312.0	1342.7	1358.1	1357.7	1358.1	1342.7	1312.0	1276.8	1238.3	1196.4	1150.6
-52.5°	1142.0	1149.7	1154.3	1156.5	1154.3	1149.7	1142.0	1132.2	1119.8	1104.1	1086.8
-55°	1078.8	1094.9	1101.0	1099.3	1101.0	1094.9	1078.8	1058.2	1033.2	1003.9	970.7
-57.5°	927.9	947.8	961.2	968.0	961.2	947.8	927.9	903.0	873.6	838.7	798.5
-60°	722.9	734.8	742.3	745.6	742.3	734.8	722.9	705.7	683.0	653.9	620.9
-62.5°	555.2	568.8	575.5	578.2	575.5	568.8	555.2	539.1	520.8	499.9	474.2
-65°	431.2	441.2	446.6	449.0	446.6	441.2	431.2	419.3	405.7	386.5	362.4
-67.5°	316.8	321.2	323.4	324.1	323.4	321.2	316.8	310.5	302.3	288.6	268.8
-70°	236.5	243.0	247.1	249.9	247.1	243.0	236.5	229.3	221.4	210.9	196.0
-72.5°	170.6	173.9	176.3	177.9	176.3	173.9	170.6	166.5	161.7	154.8	143.6
-75°	108.1	109.2	109.9	110.1	109.9	109.2	108.1	106.4	104.3	101.1	94.8
-77.5°	70.3	71.4	72.9	74.1	72.9	71.4	70.3	68.9	67.4	65.5	61.0
-80°	44.5	44.3	44.4	44.5	44.4	44.3	44.5	44.6	44.5	44.1	41.3
-82.5°	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.3	29.1	28.8	27.4
-85°	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.0	20.9	20.7	19.6
-87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.3
-90°	2.6	2.1	1.0	0.0	1.0	2.1	2.6	3.2	3.7	4.2	4.8



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.7	12.2	10.6	10.1	9.6	9.0	8.5	8.5	8.5	8.5	8.5
87.5°	5.3	5.9	6.4	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5
85°	7.2	7.7	8.1	8.1	8.2	8.3	8.5	8.5	8.5	8.5	8.5
82.5°	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.7	8.8	8.8	8.7
80°	7.5	8.0	8.5	8.5	8.5	8.5	8.6	9.1	9.6	10.1	10.2
77.5°	7.5	8.1	8.6	8.8	8.9	8.9	8.8	9.2	9.7	10.2	10.6
75°	7.6	8.1	8.7	9.4	10.0	10.3	10.6	10.8	11.0	11.1	11.0
72.5°	9.5	9.9	10.4	11.0	11.3	11.9	12.3	12.5	12.6	12.7	12.3
70°	12.1	13.0	14.2	15.5	16.3	16.7	16.3	15.5	14.6	14.3	13.6
67.5°	13.3	14.4	16.7	19.2	20.9	22.1	22.1	20.8	19.5	18.3	15.8
65°	13.5	14.6	17.6	20.8	23.7	26.3	28.9	29.2	27.9	24.8	19.2
62.5°	13.1	14.6	16.7	19.4	22.9	28.4	35.1	38.1	38.5	33.9	26.0
60°	11.4	12.9	14.7	16.8	19.3	27.0	37.8	45.8	50.8	43.0	32.4
57.5°	10.3	11.1	12.4	14.2	16.3	25.6	37.9	51.2	60.0	48.5	37.8
55°	10.4	11.0	11.6	12.2	13.5	22.8	34.5	47.9	56.3	49.9	38.0
52.5°	10.5	11.1	11.7	12.3	14.3	20.0	28.1	40.8	45.5	40.8	34.4
50°	10.7	11.3	11.9	12.5	14.6	18.3	24.4	33.1	33.5	31.9	26.8
47.5°	14.1	13.4	12.6	12.8	14.4	16.8	21.2	25.0	26.2	24.5	21.0
45°	18.4	17.6	16.3	15.7	15.0	16.2	18.6	21.1	22.1	21.3	17.4
42.5°	25.8	24.5	21.7	21.8	19.7	18.5	18.4	20.4	20.7	20.1	19.6
40°	47.5	40.7	40.0	35.6	30.8	25.0	24.4	23.3	22.9	20.7	24.3
37.5°	89.8	79.8	79.3	73.6	60.0	41.9	35.7	31.7	28.3	30.1	33.0
35°	159.4	145.8	138.6	129.1	112.2	82.9	54.6	44.5	40.4	42.7	44.9
32.5°	285.4	267.4	219.1	201.0	203.0	149.7	98.0	64.4	61.0	60.0	58.0
30°	464.1	463.6	394.7	343.8	366.3	304.6	164.9	119.9	91.7	81.3	73.6
27.5°	878.3	770.4	683.3	644.7	608.6	528.0	371.6	205.6	137.7	110.5	97.7
25°	1595.9	1269.6	1188.8	1067.2	933.2	846.8	630.8	393.5	231.4	149.7	144.9
22.5°	2725.7	2377.1	2012.7	1602.9	1481.6	1302.8	1017.3	615.1	374.6	280.5	218.4
20°	4720.6	4090.1	3316.0	3058.6	2543.3	1886.7	1501.1	1163.0	843.6	508.6	314.6
17.5°	9120.1	7307.2	6306.3	5763.6	4421.0	3049.0	2832.4	2349.3	1512.2	796.5	429.5
15°	16022.7	14304.2	12342.7	9859.6	7621.3	6176.3	5128.6	3873.2	2435.6	1282.1	690.3
12.5°	27155.2	23352.7	19802.5	15328.7	12590.6	10158.7	8109.9	5921.9	3741.1	2141.2	1145.8
10°	38795.9	33319.0	27837.8	22186.6	17920.1	14558.4	11096.5	7788.3	5132.4	3157.1	1667.0
7.5°	51702.2	44047.4	36410.7	28713.4	22814.9	18259.1	13565.9	9405.1	6417.5	4209.1	2227.7
5°	62043.5	52463.9	43162.8	34103.6	27300.9	21956.8	16079.3	10870.9	7589.9	5253.0	2796.3
2.5°	68911.1	58006.7	48906.4	38818.2	31232.7	25047.2	18387.2	12315.9	8455.0	5854.0	3030.8
0°	73779.9	62094.3	52063.0	40735.3	33101.7	26493.2	20251.2	13725.3	9118.4	6267.5	3200.5
-2.5°	72535.7	60705.5	51470.3	40098.1	32342.3	26163.6	19850.0	14437.0	9906.4	6621.8	3256.8
-5°	67601.9	56016.5	47017.4	37017.0	29733.1	24185.4	18597.4	14155.9	10088.5	6680.0	3231.8
-7.5°	60548.9	50472.1	41863.7	33158.8	26521.6	21489.8	16745.2	12837.4	9253.1	6046.8	2995.8
-10°	52329.6	43961.1	36229.2	29045.0	23435.9	18723.6	14795.3	11436.0	8310.1	5313.7	2684.8
-12.5°	45020.6	37589.7	30703.4	24841.9	20693.4	16489.6	13086.0	10094.6	7288.1	4510.2	2301.9
-15°	37546.1	32221.6	26809.3	21938.4	17960.8	14348.5	11511.6	9017.5	6371.2	3672.8	1849.7
-17.5°	32924.7	27843.5	23183.0	19515.4	15660.6	12459.9	10194.2	7932.9	5389.0	2923.9	1397.2
-20°	29056.5	24572.9	20609.7	16996.1	13602.3	10873.2	9003.8	6755.6	4294.6	2311.9	1259.8



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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°	25056.0	21735.8	18182.7	14563.8	11660.0	9546.4	7650.8	5484.1	3096.4	1648.6	1114.3
-25°	21131.6	18780.2	15790.6	12826.1	10085.6	8062.1	6242.7	4142.9	2336.4	1246.4	974.7
-27.5°	17655.2	15676.4	13776.6	11198.0	8909.0	6726.5	4786.8	2882.0	1548.2	1095.5	904.7
-30°	14516.0	13040.2	11523.6	9757.3	7590.9	5444.3	3327.8	1976.7	1213.7	965.8	850.6
-32.5°	11931.3	10791.4	9502.5	7992.8	5978.1	3812.0	2285.3	1291.3	1035.1	906.9	832.4
-35°	9917.1	8756.1	7502.0	5850.1	3935.5	2448.1	1372.5	1112.0	947.8	859.4	824.2
-37.5°	7871.9	6679.0	5161.5	3589.4	2316.2	1414.1	1175.9	1007.7	890.5	849.8	791.5
-40°	5449.8	4147.9	2989.0	1831.4	1397.0	1199.8	1058.9	942.0	889.8	822.4	744.6
-42.5°	3049.7	2053.6	1503.4	1331.4	1176.6	1080.1	989.8	936.8	866.4	775.2	675.0
-45°	1533.1	1377.5	1234.9	1155.5	1068.2	1016.3	978.0	897.6	806.3	701.5	596.9
-47.5°	1244.3	1178.5	1111.1	1069.5	1030.4	982.8	904.8	821.6	714.5	613.2	524.8
-50°	1115.5	1088.4	1061.1	1024.2	953.8	881.8	797.8	707.5	614.4	530.3	451.0
-52.5°	1064.1	1015.7	961.8	903.2	828.3	747.4	666.6	595.7	520.2	448.5	379.9
-55°	934.0	878.3	813.9	746.1	677.6	614.0	550.2	490.0	432.2	368.4	313.5
-57.5°	753.3	703.7	651.7	597.7	542.0	490.2	440.4	391.1	348.5	298.7	249.4
-60°	584.4	544.2	504.3	462.2	418.0	374.7	341.2	306.1	269.5	231.4	191.5
-62.5°	442.8	405.3	375.5	347.9	316.7	283.9	256.1	229.3	199.7	167.7	142.3
-65°	337.1	310.9	285.4	259.8	233.6	207.2	184.0	163.0	143.6	122.7	101.4
-67.5°	247.1	223.3	201.0	181.8	165.6	147.0	130.6	113.8	101.7	91.0	78.7
-70°	180.9	165.7	150.9	134.9	119.3	105.9	96.3	87.5	77.9	67.7	57.1
-72.5°	132.4	121.4	110.4	99.6	89.6	79.7	70.2	61.4	52.9	44.7	37.3
-75°	88.1	80.9	73.3	65.2	56.8	48.2	42.5	39.0	35.1	30.9	26.3
-77.5°	56.6	52.1	47.6	43.1	38.8	34.5	30.6	27.3	24.7	22.2	19.9
-80°	38.5	35.8	33.1	30.5	27.9	25.5	23.3	21.3	19.3	17.5	16.1
-82.5°	25.9	24.4	22.9	21.4	19.8	18.1	16.5	15.5	14.5	13.8	13.2
-85°	18.4	17.2	16.1	15.0	13.9	12.9	11.9	11.8	11.7	11.6	11.5
-87.5°	13.7	13.1	12.5	11.9	11.4	10.8	10.2	10.2	10.1	10.0	10.0
-90°	5.3	5.9	6.4	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5



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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°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.9	9.0
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.9	9.2	9.5
82.5°	8.5	8.5	8.5	8.5	8.8	9.0	9.1	9.1	9.3	9.6	9.9
80°	10.0	9.7	9.4	9.2	9.3	9.6	9.9	10.0	9.9	10.0	10.2
77.5°	10.6	10.6	10.6	10.3	10.1	10.1	10.3	10.6	10.5	10.3	10.4
75°	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.6	10.6	10.6	10.5
72.5°	11.5	11.0	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
70°	12.5	11.5	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
67.5°	13.8	12.6	11.5	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6
65°	16.3	14.1	12.6	11.6	10.9	10.6	10.6	10.6	10.6	10.6	10.6
62.5°	19.8	15.6	13.7	12.3	11.3	10.8	10.6	10.6	10.6	10.6	10.6
60°	24.1	18.1	14.9	13.3	11.9	10.9	10.6	10.6	10.6	10.6	10.6
57.5°	27.6	20.0	17.1	14.6	12.8	11.3	10.6	10.6	10.6	10.6	10.6
55°	29.0	21.7	19.1	16.6	14.0	12.1	10.9	10.6	10.6	10.6	10.6
52.5°	25.7	22.3	20.7	18.3	15.8	13.1	11.7	10.6	10.6	10.6	10.6
50°	20.2	21.1	21.1	19.5	17.3	14.7	12.5	11.2	10.6	10.6	10.7
47.5°	17.8	19.9	20.3	20.0	18.1	16.1	13.6	11.9	10.6	10.6	10.9
45°	18.3	19.0	19.8	19.5	18.8	16.9	14.7	12.6	11.2	10.8	11.1
42.5°	20.2	20.3	20.0	19.2	19.0	17.5	15.6	13.4	11.8	11.1	11.3
40°	24.5	23.1	21.3	21.0	19.3	18.1	16.1	14.1	12.4	11.5	11.6
37.5°	30.0	27.7	24.6	25.3	21.0	18.7	16.6	14.6	13.2	12.3	11.9
35°	41.3	33.9	32.0	31.8	26.6	19.6	17.0	15.0	14.1	13.0	12.3
32.5°	56.0	45.5	42.6	39.5	34.1	20.7	17.7	16.3	15.1	13.7	12.7
30°	71.8	66.2	54.8	48.2	42.7	27.5	19.6	17.9	16.2	14.4	13.2
27.5°	96.8	89.4	70.0	59.5	50.8	36.5	23.6	19.8	17.3	15.2	13.8
25°	130.3	115.2	91.8	72.3	59.6	57.7	28.5	21.9	18.7	16.1	14.4
22.5°	177.4	145.2	115.2	86.0	94.7	85.0	40.0	25.8	20.3	17.0	15.0
20°	232.0	179.4	151.6	144.4	138.4	114.9	60.1	30.1	22.1	17.9	15.5
17.5°	297.7	263.6	252.4	217.9	187.2	149.4	83.3	34.8	23.9	18.9	16.0
15°	484.5	412.9	363.9	300.2	240.0	187.6	108.9	39.9	25.8	19.8	16.4
12.5°	705.5	571.2	483.6	389.3	295.7	228.4	136.0	45.1	27.7	20.5	16.5
10°	934.7	736.0	609.1	483.0	353.4	270.9	163.7	50.8	30.1	21.2	16.7
7.5°	1167.5	904.1	737.7	579.0	410.8	312.6	194.1	57.6	32.8	21.8	16.8
5°	1378.9	1050.0	843.0	656.0	461.8	351.4	223.8	64.2	35.4	22.4	16.8
2.5°	1495.0	1156.7	929.7	725.9	510.8	388.0	251.3	70.5	37.9	22.9	16.9
0°	1597.0	1256.0	1010.3	790.1	557.1	421.5	275.4	76.3	40.2	23.3	16.9
-2.5°	1597.6	1240.2	1007.0	809.6	580.0	434.3	285.9	93.1	50.5	29.0	18.9
-5°	1582.1	1216.7	998.9	822.2	598.4	443.4	292.3	108.9	60.4	34.4	20.8
-7.5°	1511.3	1170.3	978.6	825.0	611.4	448.6	295.0	123.1	69.4	39.4	22.5
-10°	1416.8	1108.3	941.3	799.2	606.0	447.2	294.2	135.6	77.4	43.8	24.0
-12.5°	1308.1	1043.2	905.1	770.9	594.1	440.0	288.8	145.1	84.2	47.3	25.1
-15°	1185.7	976.3	871.4	741.5	578.3	429.9	281.3	152.2	89.9	50.3	25.9
-17.5°	1054.9	908.8	842.0	711.9	558.8	417.2	271.9	157.0	94.0	52.8	27.1
-20°	985.5	864.4	814.9	683.4	535.7	402.1	261.1	159.2	96.5	54.3	28.5



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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°	924.4	841.3	775.4	653.6	511.6	384.8	249.3	158.8	97.1	54.8	29.5
-25°	862.1	819.3	736.2	614.4	488.1	366.4	242.1	155.6	95.7	54.1	30.0
-27.5°	827.2	792.0	697.5	572.1	456.3	348.2	237.4	153.7	93.3	52.2	30.0
-30°	805.2	748.6	650.2	528.9	421.9	320.2	229.1	149.2	91.0	51.1	29.4
-32.5°	788.5	707.1	597.9	488.5	387.3	290.4	212.0	142.0	87.0	50.3	29.1
-35°	751.7	656.1	543.9	445.5	351.8	265.8	191.8	131.9	81.2	48.6	28.6
-37.5°	709.8	598.2	494.8	402.4	314.8	239.5	173.2	118.2	73.7	46.2	27.4
-40°	643.5	539.9	445.2	360.5	282.2	211.5	152.7	105.3	68.7	43.0	25.5
-42.5°	574.2	482.7	397.0	317.2	249.9	187.0	131.3	91.4	62.6	39.8	22.9
-45°	508.9	424.7	347.6	279.6	216.8	160.6	114.9	77.6	55.5	36.0	20.6
-47.5°	442.1	368.3	300.6	239.6	185.6	134.7	97.5	68.8	47.7	31.3	19.4
-50°	378.4	313.2	254.5	201.6	151.9	114.5	81.0	59.2	40.8	25.3	18.0
-52.5°	317.4	260.7	210.4	163.5	125.9	93.3	69.3	49.1	33.6	21.9	16.3
-55°	259.1	211.4	167.7	131.7	100.8	77.2	56.7	40.3	25.9	19.6	14.6
-57.5°	206.0	164.1	132.2	103.0	80.7	62.0	45.3	31.2	22.0	17.2	14.2
-60°	155.3	127.2	99.8	80.9	63.9	48.2	34.5	23.7	19.3	15.2	13.7
-62.5°	116.8	93.7	77.9	62.5	48.6	35.8	24.7	20.6	16.5	14.6	13.2
-65°	87.5	73.0	58.1	46.4	34.7	25.4	21.2	17.4	15.4	14.1	12.9
-67.5°	65.8	53.7	41.6	30.9	25.0	21.0	17.5	16.0	14.7	13.5	12.9
-70°	46.3	35.5	28.0	23.3	19.5	16.8	16.1	15.2	14.0	13.3	12.8
-72.5°	31.4	25.8	20.6	16.8	16.3	15.8	15.2	14.4	13.6	13.0	12.7
-75°	21.5	18.8	16.9	15.7	15.2	14.7	14.3	13.7	13.1	12.7	12.2
-77.5°	18.1	16.5	15.3	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6
-80°	15.2	14.4	13.8	13.3	13.0	12.7	12.4	12.0	11.7	11.4	11.0
-82.5°	12.8	12.5	12.3	12.1	11.9	11.6	11.4	11.2	10.9	10.6	10.4
-85°	11.3	11.2	11.1	10.9	10.8	10.6	10.4	10.3	10.1	9.9	9.8
-87.5°	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	9.0	9.0	8.9	8.8	8.7	8.5	8.5
85°	9.6	9.4	9.2	9.0	8.9	8.6	8.5
82.5°	10.1	9.9	9.6	9.3	9.0	8.6	8.5
80°	10.6	10.3	10.0	9.6	9.2	8.7	8.5
77.5°	10.6	10.6	10.3	9.9	9.4	8.7	8.5
75°	10.6	10.6	10.6	10.1	9.5	8.8	8.5
72.5°	10.6	10.6	10.6	10.4	9.7	8.8	8.5
70°	10.6	10.6	10.6	10.6	9.8	8.8	8.5
67.5°	10.6	10.6	10.6	10.6	10.0	8.9	8.5
65°	10.6	10.6	10.6	10.6	10.1	8.9	8.5
62.5°	10.6	10.6	10.6	10.6	10.2	8.9	8.5
60°	10.6	10.6	10.6	10.6	10.3	9.0	8.5
57.5°	10.6	10.6	10.6	10.6	10.3	9.0	8.5
55°	10.6	10.6	10.6	10.6	10.3	9.0	8.5
52.5°	10.6	10.6	10.6	10.6	10.3	9.0	8.5
50°	10.6	10.6	10.6	10.6	10.2	9.0	8.5
47.5°	10.6	10.6	10.6	10.6	10.2	9.0	8.5
45°	10.8	10.6	10.6	10.6	10.2	9.0	8.5
42.5°	11.0	10.6	10.6	10.6	10.2	9.0	8.5
40°	11.2	10.6	10.6	10.6	10.2	9.0	8.5
37.5°	11.5	10.6	10.6	10.6	10.3	9.0	8.5
35°	11.8	10.7	10.6	10.6	10.3	9.0	8.5
32.5°	12.1	11.0	10.6	10.6	10.3	9.0	8.5
30°	12.4	11.2	10.6	10.6	10.3	9.0	8.5
27.5°	12.8	11.4	10.6	10.6	10.3	8.9	8.5
25°	13.2	11.7	10.6	10.6	10.4	8.9	8.5
22.5°	13.5	11.9	10.6	10.6	10.4	8.9	8.5
20°	13.9	12.1	10.6	10.6	10.4	8.8	8.5
17.5°	14.2	12.2	10.6	10.6	10.5	8.8	8.5
15°	14.4	12.3	10.6	10.6	10.5	8.8	8.5
12.5°	14.5	12.4	10.6	10.6	10.5	8.7	8.5
10°	14.6	12.5	10.6	10.6	10.5	8.7	8.5
7.5°	14.7	12.6	10.6	10.6	10.6	8.6	8.5
5°	14.8	12.7	10.6	10.6	10.6	8.6	8.5
2.5°	14.8	12.7	10.6	10.6	10.6	8.5	8.5
0°	14.8	12.7	10.6	10.6	10.6	8.5	8.5
-2.5°	15.1	12.9	10.8	10.6	10.6	8.5	8.5
-5°	15.3	13.1	11.0	10.6	10.6	8.6	8.5
-7.5°	15.5	13.3	11.1	10.6	10.6	8.6	8.5
-10°	15.7	13.5	11.3	10.6	10.5	8.7	8.5
-12.5°	15.9	13.6	11.4	10.6	10.5	8.7	8.5
-15°	16.0	13.7	11.5	10.6	10.5	8.8	8.5
-17.5°	16.1	13.8	11.6	10.6	10.5	8.8	8.5
-20°	16.6	13.9	11.7	10.6	10.4	8.8	8.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.6	13.9	11.7	10.6	10.4	8.9	8.5
-25°	18.3	14.0	11.7	10.6	10.4	8.9	8.5
-27.5°	18.5	14.0	11.7	10.6	10.3	8.9	8.5
-30°	18.4	13.9	11.6	10.6	10.3	9.0	8.5
-32.5°	17.9	13.7	11.5	10.6	10.3	9.0	8.5
-35°	17.5	13.5	11.3	10.6	10.3	9.0	8.5
-37.5°	17.2	13.2	11.2	10.6	10.3	9.0	8.5
-40°	16.7	13.0	11.0	10.6	10.2	9.0	8.5
-42.5°	16.0	12.8	11.0	10.6	10.2	9.0	8.5
-45°	15.2	12.5	11.0	10.7	10.2	9.0	8.5
-47.5°	14.2	12.3	11.1	10.7	10.2	9.0	8.5
-50°	13.7	12.0	11.2	10.7	10.2	9.0	8.5
-52.5°	13.4	11.7	11.2	10.8	10.3	9.0	8.5
-55°	13.0	11.7	11.3	10.8	10.3	9.0	8.5
-57.5°	12.6	11.8	11.3	10.8	10.3	9.0	8.5
-60°	12.3	11.8	11.4	10.8	10.3	9.0	8.5
-62.5°	12.4	11.9	11.3	10.7	10.2	8.9	8.5
-65°	12.4	11.9	11.2	10.7	10.1	8.9	8.5
-67.5°	12.5	11.8	11.1	10.7	10.0	8.9	8.5
-70°	12.5	11.6	10.9	10.6	9.8	8.8	8.5
-72.5°	12.1	11.3	10.8	10.4	9.7	8.8	8.5
-75°	11.7	11.0	10.6	10.1	9.5	8.8	8.5
-77.5°	11.2	10.7	10.3	9.9	9.4	8.7	8.5
-80°	10.7	10.3	10.0	9.6	9.2	8.7	8.5
-82.5°	10.1	9.9	9.6	9.3	9.0	8.6	8.5
-85°	9.6	9.4	9.2	9.0	8.9	8.6	8.5
-87.5°	9.0	9.0	8.9	8.8	8.7	8.5	8.5
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5

(END OF REPORT)