

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: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-3S-VHE-A**

Issue Date: 2/3/2026

Test Information

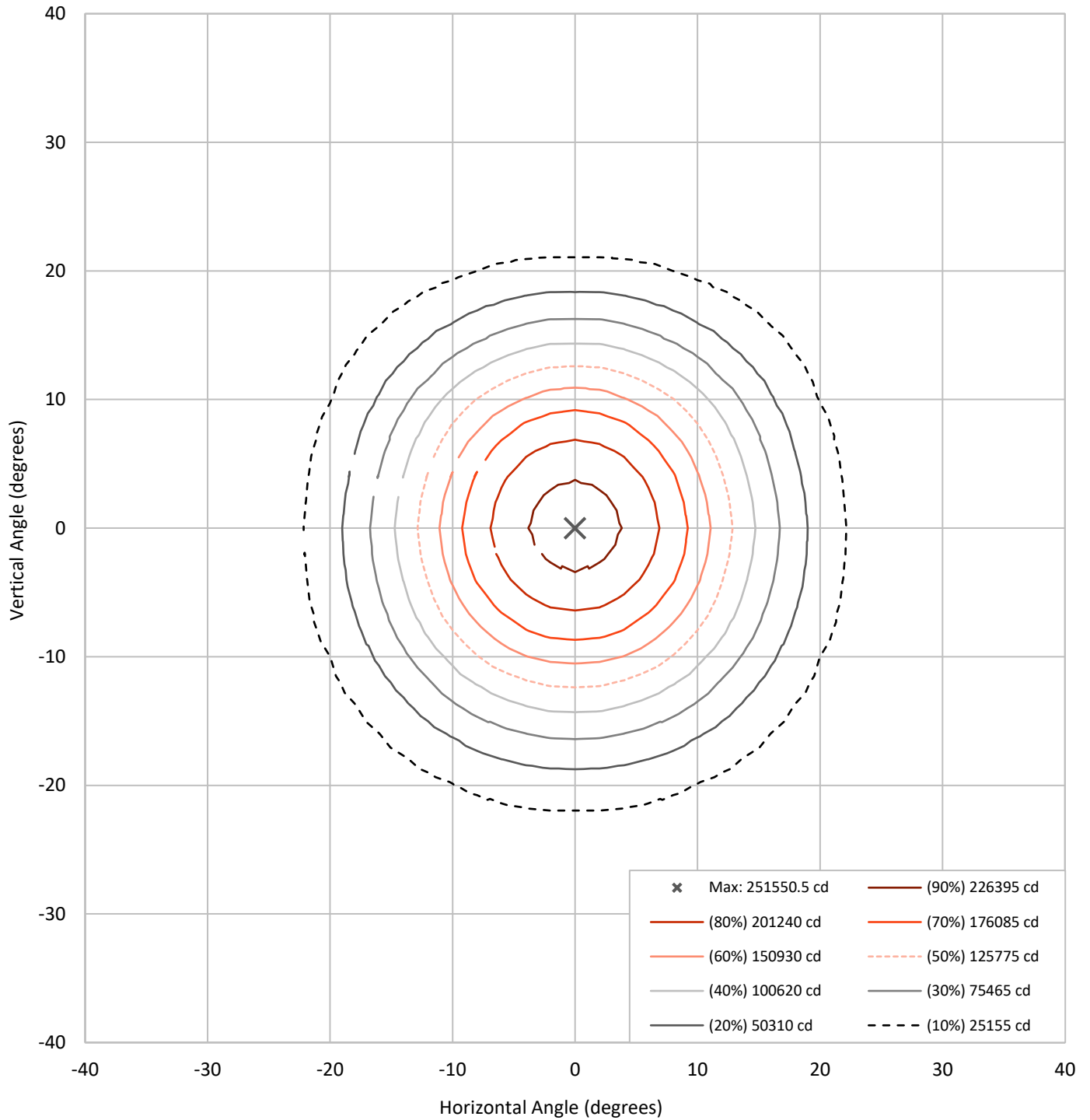
Test Method: LM-79-08
Report Number: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-320N-40-70-3S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S 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:	56515.9 lumens	Max Intensity:	251550.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	169.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	25.7°H x 24.9°V	Field Angle (10%):	44.2°H x 43°V
Beam Lumens:	27040.5 lumens	Field Lumens:	47381.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	83.8%
Input Watts (W):	334		
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





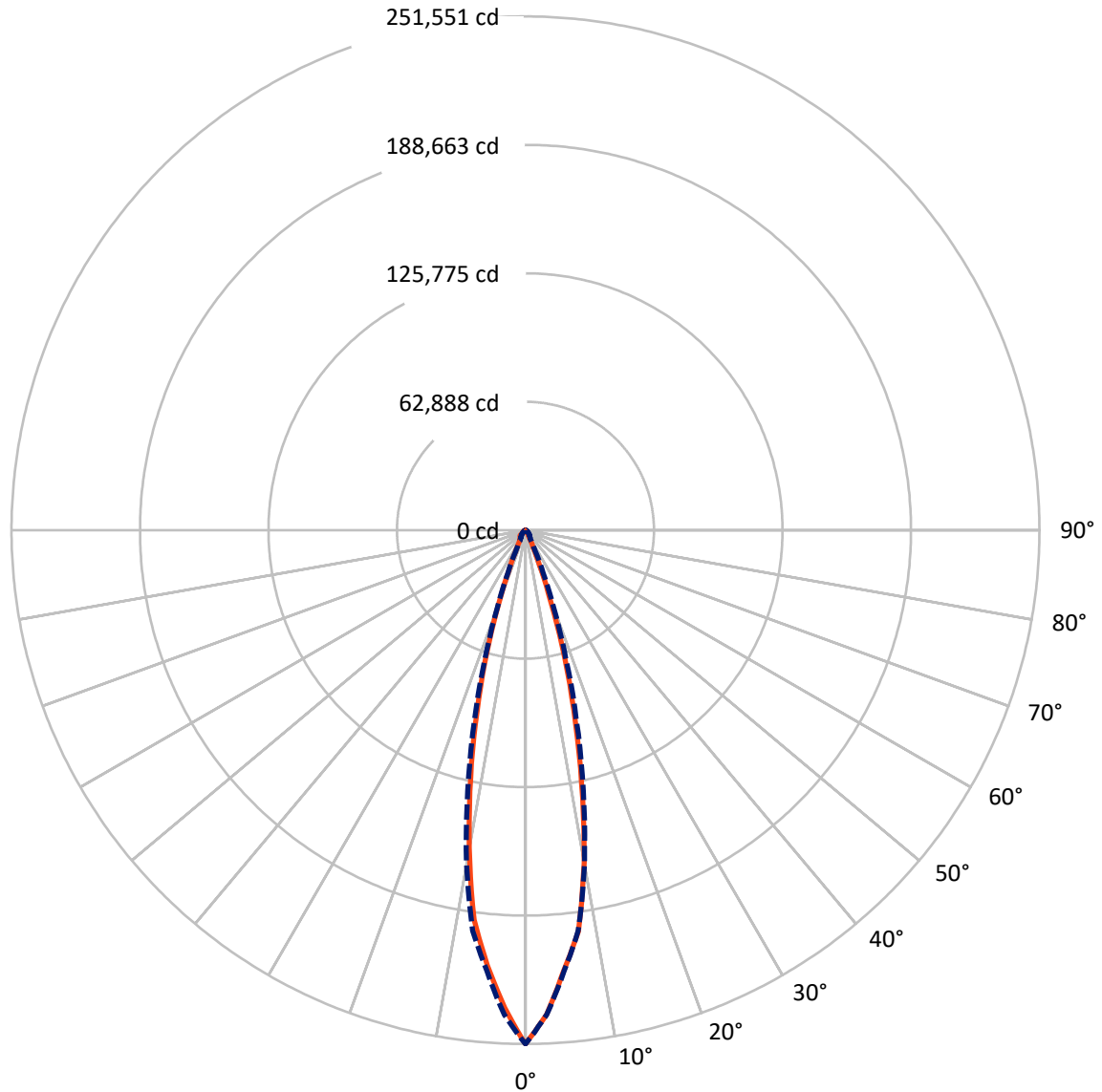
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Lumen Table

90	0.1	0.4		0.9		1.3		1.6		1.3		0.9		0.4		0.1
80	0.1	0.4		0.9		1.3		1.6		1.3		0.9		0.4		0.1
70	0.2	0.1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.2
60		0.3	0.5	0.7	0.6	0.6	0.8	1.0	1.0	0.8	0.6	0.6	0.7	0.5	0.3	
50	0.5	0.8	1.9	3.9	7.3	12.5	17.7	20.1	20.1	17.7	12.5	7.3	3.9	1.9	0.8	0.5
40		2.0	6.0	12.4	23.3	38.6	46.7	54.8	54.8	46.7	38.6	23.3	12.4	6.0	2.0	
30	1.3	3.3	10.1	22.1	49.6	63.7	137.7	301.1	301.1	137.7	63.7	49.6	22.1	10.1	3.3	1.3
20		4.3	13.3	36.0	71.1	172.0	1035.9	2504.3	2504.3	1035.9	172.0	71.1	36.0	13.3	4.3	
10	1.9	5.2	15.4	45.8	86.2	381.7	2515.9	5730.5	5730.5	2515.9	381.7	86.2	45.8	15.4	5.2	1.9
0		5.8	16.9	48.5	95.4	393.4	2531.1	5671.0	5671.0	2531.1	393.4	95.4	48.5	16.9	5.8	
-10	2.1	5.8	17.5	46.8	95.1	210.9	1080.1	2527.6	2527.6	1080.1	210.9	95.1	46.8	17.5	5.8	2.1
-20		5.4	16.7	37.1	85.6	129.2	223.9	425.8	425.8	223.9	129.2	85.6	37.1	16.7	5.4	
-30	1.7	4.6	14.2	29.6	59.1	103.4	127.6	141.6	141.6	127.6	103.4	59.1	29.6	14.2	4.6	1.7
-40		3.5	10.9	23.0	37.4	55.2	81.0	100.9	100.9	81.0	55.2	37.4	23.0	10.9	3.5	
-50	1.4	2.4	7.1	15.0	25.2	34.3	41.7	46.2	46.2	41.7	34.3	25.2	15.0	7.1	2.4	1.4
-60		1.7	3.7	7.7	13.1	18.1	22.8	25.7	25.7	22.8	18.1	13.1	7.7	3.7	1.7	
-70	1.0	1.7	3.7	7.7	13.1	18.1	22.8	25.7	25.7	22.8	18.1	13.1	7.7	3.7	1.7	1.0
-80		1.0	6.2	14.3	23.3	28.6	23.3	14.3	6.2	1.0						
-90	1.0	6.2	14.3	23.3	28.6	23.3	14.3	6.2	1.0							

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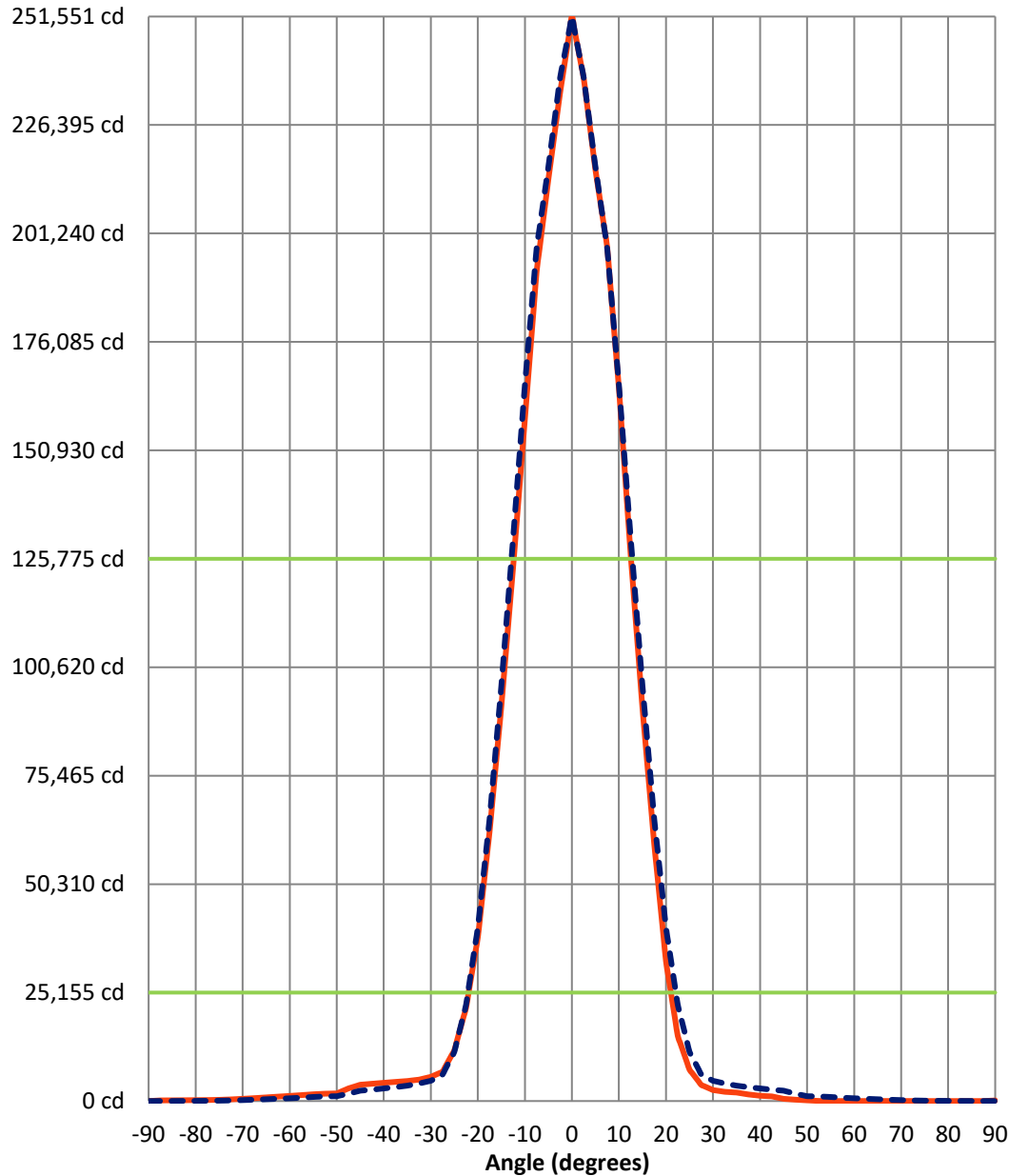
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 25.7°
V Angle: 24.9°
Lumens: 27040.5
Efficiency: 47.8%

Field:
H Angle: 44.2°
V Angle: 43°
Lumens: 47381.6
Efficiency: 83.8%

Spill:
Lumens: 9134.3
Efficiency: 16.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	2.0	8.4	14.8	23.9	33.0	40.7	48.5	54.2	59.9	64.7	69.4
87.5°	2.0	2.2	2.1	2.2	2.2	2.2	2.2	2.0	1.8	1.7	1.6
85°	2.0	2.3	2.2	2.4	2.5	2.5	2.4	2.3	2.3	2.1	1.9
82.5°	2.0	2.5	2.4	2.5	2.7	2.7	2.6	2.6	2.7	2.5	2.2
80°	2.0	2.7	2.5	2.7	3.0	2.9	2.8	2.9	3.0	2.8	2.5
77.5°	2.0	2.8	2.7	2.9	3.2	3.2	3.1	3.2	3.2	3.0	2.8
75°	2.0	3.0	2.8	3.1	3.5	3.6	3.5	3.5	3.5	3.4	3.2
72.5°	2.0	3.2	3.0	3.3	3.8	4.0	3.9	4.0	4.1	3.9	3.6
70°	2.0	3.3	3.1	3.5	4.2	4.4	4.3	4.6	4.6	4.4	4.5
67.5°	2.0	3.5	3.3	3.9	4.6	4.8	5.2	5.4	5.3	5.6	5.6
65°	2.0	3.7	3.6	4.3	5.0	5.4	6.0	6.1	6.7	6.9	6.9
62.5°	2.0	3.9	3.8	4.7	5.5	6.3	7.0	7.4	8.2	8.3	8.3
60°	2.0	4.0	4.0	5.1	5.9	7.3	7.9	9.0	9.8	10.1	9.8
57.5°	2.0	4.2	4.5	5.5	6.8	8.2	9.4	10.7	12.0	12.1	13.3
55°	2.0	4.4	4.9	5.9	7.7	9.2	11.0	12.4	14.4	15.2	18.0
52.5°	2.0	4.6	5.4	6.4	8.7	10.3	12.6	14.9	17.0	20.9	23.2
50°	2.0	4.8	5.9	6.8	9.7	11.8	14.2	17.6	20.8	27.1	32.6
47.5°	2.0	4.9	6.4	7.4	10.7	13.4	16.0	20.4	27.1	33.9	43.9
45°	2.0	5.1	6.9	8.1	11.7	15.0	18.5	23.3	33.7	45.4	56.5
42.5°	2.0	5.3	7.4	8.9	12.7	16.7	21.1	28.1	40.6	57.9	75.7
40°	2.0	5.5	8.0	9.9	13.9	18.4	23.9	34.3	49.3	71.2	97.3
37.5°	2.0	5.7	8.5	11.0	15.3	20.2	26.9	40.6	61.5	87.1	120.5
35°	2.0	5.9	9.1	12.1	16.7	22.4	30.1	47.1	74.2	107.5	146.5
32.5°	2.0	6.1	9.6	13.3	18.0	24.9	34.0	53.8	87.3	128.0	172.3
30°	2.0	6.3	10.2	14.4	19.4	27.4	39.6	61.7	100.9	148.6	196.4
27.5°	2.0	6.4	10.7	15.5	21.1	29.9	45.1	72.0	114.6	169.2	218.8
25°	2.0	6.6	11.3	16.6	22.9	32.3	50.5	81.7	128.5	188.4	239.7
22.5°	2.0	6.8	11.8	17.7	24.6	34.8	55.8	90.8	141.3	201.4	262.4
20°	2.0	7.0	12.4	18.8	26.3	37.4	60.9	99.3	152.8	213.6	280.7
17.5°	2.0	7.1	12.9	19.8	27.9	39.8	65.7	107.1	163.1	224.7	297.9
15°	2.0	7.3	13.4	20.9	29.5	42.1	70.0	114.2	172.2	234.8	314.2
12.5°	2.0	7.5	13.9	21.9	31.1	44.3	74.1	120.5	181.4	243.9	329.4
10°	2.0	7.6	14.4	22.9	32.5	46.4	77.8	126.2	191.0	257.4	346.0
7.5°	2.0	7.7	14.9	23.8	33.9	48.3	81.1	131.2	199.7	271.0	366.8
5°	2.0	7.9	15.4	24.7	35.3	50.1	84.1	135.5	207.6	283.7	386.0
2.5°	2.0	8.0	15.8	25.5	36.5	51.7	86.7	139.2	214.4	295.4	403.5
0°	2.0	8.1	16.2	26.3	37.7	53.2	88.9	142.1	220.2	305.7	418.9
-2.5°	2.0	8.4	16.9	27.5	39.4	55.4	91.8	146.9	226.7	312.7	426.1
-5°	2.0	8.8	17.6	28.6	41.0	57.5	94.2	150.9	231.9	318.2	431.0
-7.5°	2.0	9.1	18.3	29.6	42.4	59.4	96.2	154.1	235.7	322.2	433.6
-10°	2.0	9.4	18.9	30.6	43.8	61.2	97.7	156.3	238.0	324.6	433.9
-12.5°	2.0	9.6	19.4	31.5	45.1	62.7	98.7	157.4	238.9	325.3	432.9
-15°	2.0	9.9	20.0	32.3	46.2	64.1	99.3	157.5	237.5	323.3	429.6
-17.5°	2.0	10.1	20.5	33.0	47.2	65.3	99.3	156.1	233.6	319.5	423.2
-20°	2.0	10.4	20.9	33.7	48.1	66.2	99.0	153.5	228.4	313.8	413.7



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 CATALOG NUMBER: EPH-08-320N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.0	10.6	21.3	34.3	48.9	67.0	98.2	149.9	221.8	306.3	401.3
-25°	2.0	10.8	21.7	34.7	49.6	67.6	96.9	145.3	213.8	297.0	388.3
-27.5°	2.0	10.9	22.0	35.1	50.1	68.2	95.1	139.8	204.5	288.5	379.0
-30°	2.0	11.1	22.3	35.5	50.5	68.5	92.8	133.4	196.9	279.2	367.7
-32.5°	2.0	11.2	22.5	35.7	51.0	68.7	90.0	129.3	190.4	268.3	354.3
-35°	2.0	11.3	22.6	35.8	51.3	68.7	88.9	125.7	182.2	255.9	338.7
-37.5°	2.0	11.4	22.8	35.9	51.6	68.6	88.7	121.7	172.3	242.0	322.2
-40°	2.0	11.5	22.8	35.8	51.7	68.7	88.1	116.8	160.7	228.5	303.6
-42.5°	2.0	11.5	22.8	35.7	51.7	68.7	87.4	111.1	152.0	212.2	282.0
-45°	2.0	11.5	22.8	35.7	51.7	68.5	86.3	106.8	144.5	194.2	258.3
-47.5°	2.0	11.5	22.7	35.5	51.5	68.2	84.9	105.1	135.9	174.8	236.2
-50°	2.0	11.5	22.6	35.5	51.1	67.6	83.9	103.0	125.8	163.3	212.4
-52.5°	2.0	11.4	22.4	35.3	50.6	67.0	82.8	100.5	120.3	150.8	187.8
-55°	2.0	11.4	22.1	35.1	50.0	65.9	81.5	97.8	116.5	137.5	172.1
-57.5°	2.0	11.3	21.9	34.8	49.2	64.8	80.0	95.9	112.5	130.8	155.7
-60°	2.0	11.2	21.5	34.3	48.3	63.4	78.3	93.6	108.5	125.8	142.0
-62.5°	2.0	11.0	21.2	33.8	47.6	61.9	76.5	91.0	105.3	120.4	135.3
-65°	2.0	10.9	20.8	33.3	46.7	60.3	74.4	88.2	101.7	115.4	128.1
-67.5°	2.0	10.7	20.4	32.6	45.7	58.7	72.2	85.3	97.9	110.6	122.0
-70°	2.0	10.5	19.9	31.8	44.6	57.0	69.9	82.2	94.2	105.6	116.5
-72.5°	2.0	10.3	19.4	31.1	43.4	55.2	67.4	78.9	90.3	100.6	110.7
-75°	2.0	10.1	18.9	30.2	42.1	53.2	64.8	75.4	86.1	95.4	104.6
-77.5°	2.0	9.9	18.3	29.3	40.8	51.2	62.0	71.7	81.6	90.0	98.2
-80°	2.0	9.6	17.6	28.4	39.4	49.2	59.0	67.9	76.9	84.5	91.8
-82.5°	2.0	9.3	17.0	27.4	37.9	47.2	56.5	64.2	72.1	78.8	85.4
-85°	2.0	9.0	16.3	26.3	36.4	45.1	53.9	61.0	68.1	73.8	79.5
-87.5°	2.0	8.7	15.6	25.1	34.7	43.0	51.3	57.6	64.0	69.3	74.5
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.3	1.3



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 CATALOG NUMBER: EPH-08-320N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	73.1	76.8	80.2	83.5	86.6	89.6	93.6	97.6	100.7	103.7	106.8
87.5°	1.6	1.6	1.7	1.7	1.5	1.3	1.3	1.3	1.2	1.2	1.2
85°	1.9	2.0	2.0	2.0	1.7	1.5	1.5	1.6	1.6	1.7	1.5
82.5°	2.3	2.3	2.2	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.8
80°	2.6	2.7	2.4	2.2	2.3	2.4	2.3	2.1	2.0	2.0	2.1
77.5°	2.8	2.7	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.6	2.7
75°	3.0	2.8	2.9	2.8	2.8	3.2	3.4	3.4	3.3	3.2	3.2
72.5°	3.6	3.5	3.4	3.0	3.1	3.4	3.4	3.4	4.2	5.6	6.7
70°	4.4	4.3	4.1	3.8	3.7	4.0	5.1	7.0	9.0	10.9	12.8
67.5°	5.3	5.2	4.9	4.9	5.6	6.8	8.2	12.9	17.8	19.5	19.8
65°	6.3	6.1	6.2	7.0	8.0	11.3	15.7	21.4	26.1	25.8	23.8
62.5°	7.4	8.4	8.4	10.1	13.4	17.4	22.5	27.4	31.6	29.5	24.6
60°	10.6	11.3	12.8	15.9	19.3	23.4	28.6	30.2	31.2	30.4	23.9
57.5°	14.7	16.4	19.6	22.5	26.6	28.4	28.8	28.5	30.3	29.1	22.5
55°	20.5	23.6	27.9	30.8	33.2	29.7	29.3	31.1	30.9	28.3	21.9
52.5°	29.3	32.6	38.5	40.7	38.8	36.0	35.0	36.7	35.3	31.8	27.6
50°	38.9	46.5	50.5	52.2	48.8	48.4	44.9	47.1	49.0	47.3	53.2
47.5°	53.5	62.7	65.6	68.7	67.0	73.2	70.1	81.7	82.5	116.3	126.4
45°	71.0	83.4	86.7	94.9	103.8	114.6	133.2	138.1	193.8	227.7	267.8
42.5°	92.2	107.7	121.6	126.3	166.2	188.0	215.9	267.7	319.5	362.1	392.0
40°	119.5	135.2	164.6	199.7	242.2	279.2	332.5	392.4	441.9	474.6	490.0
37.5°	149.5	180.3	218.8	275.5	327.3	374.2	442.3	502.4	546.1	576.4	580.3
35°	181.8	225.4	288.5	346.0	399.4	463.0	530.6	599.6	635.5	648.6	704.2
32.5°	219.4	269.5	344.1	406.6	466.7	538.8	610.7	670.3	702.0	738.8	927.2
30°	255.0	315.6	389.9	456.3	530.8	612.9	681.6	737.9	759.8	953.3	1257.9
27.5°	283.4	355.6	430.2	510.3	595.8	689.7	759.0	795.5	921.0	1207.4	1647.9
25°	309.8	387.6	471.0	571.0	668.3	761.3	831.8	855.2	1116.2	1601.8	1930.1
22.5°	335.7	418.8	515.9	635.2	734.9	821.7	880.6	1021.9	1396.0	2010.9	2181.4
20°	361.6	455.6	564.8	683.7	793.6	874.6	919.9	1197.8	1735.7	2168.1	2359.9
17.5°	386.5	492.8	609.6	724.5	835.4	917.5	976.0	1346.2	2004.9	2309.2	2498.0
15°	410.8	524.5	644.2	762.8	875.9	955.0	1113.9	1563.8	2172.0	2479.8	2679.3
12.5°	434.1	551.6	669.7	796.1	915.1	991.4	1257.0	1827.6	2346.4	2648.0	2863.6
10°	456.1	574.4	691.8	826.4	951.6	1023.2	1391.2	2074.0	2506.0	2767.7	2963.1
7.5°	478.3	594.9	711.9	853.8	986.0	1052.1	1504.8	2208.9	2568.7	2846.8	3033.3
5°	497.8	613.9	735.6	887.6	1019.3	1078.6	1600.6	2299.6	2588.6	2886.3	3083.8
2.5°	514.5	629.7	756.4	919.2	1049.4	1102.7	1665.9	2368.7	2612.5	2914.4	3146.6
0°	528.6	642.4	773.8	946.2	1074.8	1124.6	1709.1	2406.1	2627.7	2926.7	3216.2
-2.5°	538.9	659.4	801.6	969.1	1095.7	1147.4	1722.7	2422.1	2649.7	2994.7	3372.6
-5°	546.5	673.0	825.0	987.4	1112.7	1168.5	1713.1	2407.2	2676.1	3057.4	3472.0
-7.5°	551.3	682.8	842.9	1001.0	1126.9	1192.2	1683.9	2390.0	2758.6	3136.1	3521.9
-10°	553.5	687.9	845.6	1006.1	1138.3	1216.0	1633.9	2332.1	2818.2	3166.2	3526.1
-12.5°	555.5	688.9	842.3	1005.2	1145.3	1237.7	1571.1	2262.4	2873.1	3177.4	3500.6
-15°	553.7	686.8	834.8	998.9	1154.3	1265.1	1490.8	2133.1	2897.7	3165.6	3452.6
-17.5°	548.2	681.5	824.6	990.8	1160.1	1290.7	1385.5	1934.0	2765.9	3129.0	3416.1
-20°	538.6	672.0	809.9	975.4	1157.0	1301.7	1382.8	1788.2	2489.9	3057.2	3361.8



REPORT NUMBER: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	526.1	658.5	792.4	954.9	1138.8	1297.2	1402.1	1627.6	2177.2	2952.1	3280.0
-25°	511.3	641.3	774.4	932.8	1113.4	1288.5	1412.7	1479.6	1918.7	2595.6	3150.1
-27.5°	494.2	620.9	753.9	903.4	1080.2	1262.6	1395.5	1483.7	1708.5	2188.0	2952.7
-30°	474.1	597.4	727.4	869.2	1039.5	1213.6	1366.0	1478.4	1544.0	1909.8	2524.6
-32.5°	451.3	570.2	697.2	836.4	993.6	1161.0	1322.0	1443.6	1533.6	1653.4	2121.6
-35°	429.6	542.5	663.7	799.5	944.4	1101.6	1252.8	1396.2	1509.1	1586.2	1776.6
-37.5°	410.4	512.2	628.6	759.4	899.0	1033.5	1177.9	1325.7	1455.1	1561.8	1629.2
-40°	388.4	479.6	592.5	716.1	840.4	964.6	1099.5	1240.7	1383.3	1500.4	1603.1
-42.5°	363.8	452.1	553.2	665.7	780.0	897.3	1017.4	1151.1	1285.4	1419.0	1527.3
-45°	336.5	421.4	511.3	612.4	716.0	826.7	940.6	1056.1	1183.2	1309.3	1427.8
-47.5°	305.8	387.4	473.0	555.6	651.8	753.4	859.7	968.7	1077.5	1193.2	1307.7
-50°	273.7	349.4	428.5	504.1	586.4	678.8	776.4	877.8	980.5	1077.6	1178.3
-52.5°	244.0	308.1	380.5	453.0	525.2	603.8	692.0	783.6	878.6	973.1	1058.3
-55°	212.0	269.6	329.7	398.1	467.2	535.2	606.8	689.7	770.4	857.3	941.0
-57.5°	188.0	230.4	283.1	340.0	404.6	470.4	533.8	596.2	666.5	739.3	813.1
-60°	168.8	198.6	238.9	287.4	338.3	399.0	461.3	519.0	572.0	626.2	693.0
-62.5°	151.1	175.6	203.6	237.4	281.6	326.7	380.3	435.3	486.9	536.4	586.2
-65°	142.5	155.4	176.6	201.7	227.1	265.5	306.6	348.6	396.0	441.4	487.7
-67.5°	133.5	145.7	157.4	171.2	194.0	216.4	238.6	275.6	312.6	346.0	379.7
-70°	126.6	136.1	146.7	157.0	167.3	180.4	200.6	221.3	241.4	263.5	291.8
-72.5°	119.8	128.3	136.8	145.1	154.5	163.9	173.6	183.7	198.4	215.5	230.9
-75°	112.8	120.2	127.7	135.1	142.9	150.7	158.9	167.8	176.9	186.1	194.4
-77.5°	105.6	112.6	119.0	125.3	131.9	138.9	146.1	153.5	161.0	168.5	175.0
-80°	98.4	105.0	110.6	116.1	121.7	127.5	133.7	140.0	146.3	152.7	158.3
-82.5°	91.0	96.6	101.6	106.6	111.4	116.2	121.6	127.2	132.6	138.1	142.8
-85°	83.8	88.1	92.4	96.7	101.0	105.2	110.0	114.8	119.4	124.0	128.0
-87.5°	78.5	82.5	86.1	89.7	93.1	96.4	100.6	104.7	108.3	111.9	115.2
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	109.8	111.8	113.8	115.5	117.2	119.6	121.9	125.3	128.6	132.7	136.7
87.5°	1.2	1.2	1.2	1.0	0.7	0.7	0.7	0.7	0.7	1.0	1.3
85°	1.3	1.3	1.3	1.5	1.7	1.8	1.8	1.9	1.9	2.0	2.0
82.5°	1.6	1.7	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.3	2.7
80°	2.2	2.3	2.3	2.4	2.4	2.3	2.0	2.0	2.0	2.3	2.7
77.5°	2.8	2.8	2.7	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.1
75°	3.3	3.4	3.6	3.8	4.1	4.1	3.9	3.9	4.1	4.1	3.9
72.5°	7.4	7.6	7.6	8.5	9.3	9.6	9.9	10.6	11.3	12.4	13.5
70°	14.5	15.9	16.5	16.6	15.9	15.5	15.2	15.2	15.4	16.1	17.0
67.5°	20.8	21.5	21.2	20.9	19.7	18.2	16.5	15.6	16.0	16.8	17.8
65°	23.6	21.7	20.4	19.8	18.7	16.9	14.3	12.5	12.2	11.9	11.8
62.5°	21.2	17.9	16.3	15.4	13.8	12.2	9.8	8.0	7.3	6.9	6.8
60°	18.5	14.4	11.8	10.6	8.9	6.8	5.6	4.3	3.9	3.6	3.7
57.5°	16.1	11.9	9.0	8.4	6.8	5.3	4.3	3.2	2.9	2.7	2.8
55°	16.5	14.4	12.1	10.8	9.0	8.2	7.2	6.6	6.0	6.1	6.5
52.5°	23.3	25.1	22.1	21.3	26.5	26.6	22.0	29.1	33.5	36.7	37.7
50°	60.3	59.8	79.6	76.3	94.4	109.3	109.9	118.9	136.2	148.0	154.3
47.5°	160.1	178.1	201.1	225.2	244.0	267.5	291.4	309.2	313.5	314.0	317.1
45°	301.5	327.2	361.7	387.0	422.7	444.6	462.9	479.4	517.6	552.7	593.6
42.5°	421.0	449.0	484.8	536.3	573.8	674.1	827.5	865.2	870.6	901.8	947.2
40°	515.3	552.1	631.6	744.3	984.6	1200.1	1239.0	1271.3	1285.5	1268.2	1299.1
37.5°	629.6	715.8	894.7	1203.0	1317.0	1375.7	1416.9	1441.7	1471.8	1499.7	1514.8
35°	819.2	1059.3	1216.2	1380.9	1455.4	1485.1	1515.4	1546.0	1569.6	1600.5	1625.1
32.5°	1208.4	1475.8	1491.5	1532.2	1571.0	1609.7	1638.0	1667.1	1692.3	1732.2	1816.0
30°	1600.5	1658.8	1673.1	1676.8	1712.2	1758.5	1783.1	1841.8	1921.1	2012.0	2205.5
27.5°	1809.3	1849.4	1857.7	1861.8	1878.2	1933.0	2034.6	2114.8	2305.0	2536.0	3033.2
25°	2063.5	2092.0	2122.2	2120.9	2146.0	2243.1	2441.8	2611.0	3253.8	3855.3	5151.2
22.5°	2306.0	2392.2	2435.2	2492.7	2577.9	2754.6	3103.2	4082.3	5719.4	7808.6	10409.4
20°	2474.5	2590.5	2706.2	2866.9	3072.6	3439.3	4528.2	7458.2	10957.3	16034.5	20293.0
17.5°	2644.5	2775.6	2980.2	3228.1	3573.5	4804.7	7997.2	12972.3	20157.9	29171.7	37080.4
15°	2866.1	3021.8	3295.6	3649.6	4614.8	7243.0	12568.7	21621.2	32544.7	45215.6	58507.2
12.5°	3017.1	3231.5	3557.1	4014.2	5598.6	10520.8	19095.8	31505.7	46540.1	62505.7	83692.9
10°	3128.7	3385.0	3827.3	4775.1	7648.0	14138.9	24443.2	39930.6	60542.4	84875.2	109098.4
7.5°	3222.4	3567.6	4122.9	5317.2	9416.1	17599.6	30734.4	49558.6	73945.9	103265.7	131435.2
5°	3306.6	3764.3	4407.2	5901.5	11000.4	20105.3	34918.2	56749.0	84989.7	117011.8	148112.9
2.5°	3417.9	3948.4	4591.7	6062.3	11634.6	21493.6	38233.3	62555.1	92874.9	126560.0	160398.0
0°	3572.5	4068.1	4704.5	6165.1	11437.3	22363.5	40265.0	65469.0	96330.4	130570.3	166060.8
-2.5°	3694.1	4137.1	4770.2	6082.3	11340.9	21954.4	39348.1	63770.5	92947.3	126033.0	161435.2
-5°	3772.6	4186.6	4799.0	6113.2	11097.5	20390.8	36639.8	59320.1	86058.1	115924.3	148660.7
-7.5°	3818.6	4204.7	4769.1	5918.3	9992.2	18260.6	31819.2	51117.0	75103.2	102739.7	129794.2
-10°	3846.1	4192.9	4706.6	5642.5	8404.9	14840.0	25120.6	41475.9	62258.6	84527.8	106657.3
-12.5°	3856.5	4168.2	4618.6	5247.6	6738.8	11617.9	19996.9	31604.4	47031.5	65299.0	84798.8
-15°	3836.2	4132.2	4533.6	5078.1	6070.1	8709.4	13953.5	21847.9	33346.8	47294.0	61424.5
-17.5°	3760.9	4095.0	4407.5	4825.6	5409.5	6654.1	9845.8	14913.0	21925.3	31144.3	39296.8
-20°	3661.1	4024.9	4292.4	4662.0	5120.5	5690.1	6713.7	9806.2	13738.2	19075.4	24396.3



REPORT NUMBER: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3572.2	3905.1	4241.4	4495.1	4854.1	5228.6	5690.9	6575.5	8551.3	11215.8	14589.0
-25°	3490.2	3794.9	4140.1	4414.4	4616.9	4881.6	5171.2	5481.1	6152.2	6781.5	8408.8
-27.5°	3374.7	3690.4	3989.7	4282.5	4477.7	4597.9	4795.2	4987.8	5268.8	5518.8	5996.7
-30°	3240.5	3549.3	3834.1	4100.1	4300.1	4426.4	4524.3	4656.7	4805.5	4956.8	5162.2
-32.5°	2761.8	3383.5	3648.6	3888.8	4095.1	4243.6	4347.2	4434.2	4520.1	4616.9	4725.1
-35°	2237.5	2851.5	3449.8	3637.0	3832.0	4028.6	4182.2	4264.3	4339.1	4406.9	4473.1
-37.5°	1819.2	2252.4	2789.4	3299.7	3536.6	3735.1	3919.8	4063.2	4168.0	4231.6	4291.1
-40°	1655.5	1765.2	2178.2	2598.5	3002.6	3369.5	3557.2	3769.3	3941.5	4034.9	4099.7
-42.5°	1616.3	1666.7	1705.3	1971.5	2293.0	2602.4	2944.8	3284.6	3551.3	3729.1	3861.3
-45°	1530.6	1603.1	1660.6	1684.3	1698.9	1924.5	2189.6	2449.2	2748.6	3058.0	3338.8
-47.5°	1409.1	1503.4	1568.4	1619.2	1649.6	1659.2	1677.8	1736.0	1953.5	2182.1	2399.8
-50°	1273.6	1360.0	1437.9	1508.6	1550.7	1584.8	1617.4	1648.8	1675.3	1708.7	1738.9
-52.5°	1137.1	1216.4	1286.4	1348.5	1404.2	1458.0	1509.8	1548.5	1586.3	1626.9	1659.9
-55°	1015.6	1079.9	1138.5	1193.0	1243.3	1288.8	1335.6	1385.6	1437.3	1487.9	1527.2
-57.5°	885.7	947.1	1002.7	1048.9	1089.4	1123.3	1166.3	1213.1	1261.8	1306.8	1341.1
-60°	754.7	809.0	859.8	904.5	943.0	974.6	1014.3	1054.0	1097.3	1135.9	1166.4
-62.5°	630.2	676.0	719.2	758.3	793.2	825.3	860.5	895.9	936.7	972.6	1001.7
-65°	526.8	562.3	591.9	619.6	641.2	669.0	703.0	735.6	771.2	802.3	828.2
-67.5°	414.8	447.5	474.6	498.8	517.8	537.7	562.9	588.9	616.4	641.1	662.9
-70°	316.9	338.9	356.5	374.6	394.1	413.0	433.2	455.4	478.6	499.0	516.9
-72.5°	244.5	255.4	265.6	280.4	293.4	306.6	319.3	335.3	352.4	367.9	381.9
-75°	202.0	208.7	216.5	223.5	229.6	236.6	243.7	254.0	265.3	275.9	286.0
-77.5°	181.2	186.1	190.0	193.2	196.1	200.4	204.9	212.7	221.0	229.9	238.9
-80°	163.6	167.3	170.6	173.5	176.0	179.6	183.2	190.0	197.1	204.7	212.2
-82.5°	147.3	150.3	152.9	155.5	158.0	161.0	164.0	170.0	176.1	182.4	188.7
-85°	132.0	134.5	136.8	139.0	141.0	143.6	146.2	151.2	156.3	161.7	167.1
-87.5°	118.5	120.8	123.1	125.0	126.9	129.1	131.4	135.8	140.3	144.8	149.3
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	137.1	137.4	137.8	138.1	137.8	137.4	137.1	136.7	132.7	128.6	125.3
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	0.7	0.7
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
82.5°	2.3	2.0	2.3	2.7	2.3	2.0	2.3	2.7	2.3	2.0	2.0
80°	2.4	2.0	2.3	2.7	2.3	2.0	2.4	2.7	2.3	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0
75°	3.3	2.7	2.4	2.0	2.4	2.7	3.3	3.9	4.1	4.1	3.9
72.5°	13.8	13.8	14.0	14.1	14.0	13.8	13.8	13.5	12.4	11.3	10.6
70°	17.6	18.0	18.2	18.2	18.2	18.0	17.6	17.0	16.1	15.4	15.2
67.5°	17.9	17.6	17.2	16.8	17.2	17.6	17.9	17.8	16.8	16.0	15.6
65°	11.2	10.5	9.3	8.1	9.3	10.5	11.2	11.8	11.9	12.2	12.5
62.5°	6.6	6.3	6.1	6.1	6.1	6.3	6.6	6.8	6.9	7.3	8.0
60°	3.8	4.0	4.0	4.0	4.0	4.0	3.8	3.7	3.6	3.9	4.3
57.5°	2.9	3.3	3.6	4.0	3.6	3.3	2.9	2.8	2.7	2.9	3.2
55°	6.9	7.7	8.0	8.1	8.0	7.7	6.9	6.5	6.1	6.0	6.6
52.5°	36.4	34.5	32.9	31.7	32.9	34.5	36.4	37.7	36.7	33.5	29.1
50°	157.2	161.3	163.2	163.0	163.2	161.3	157.2	154.3	148.0	136.2	118.9
47.5°	323.7	326.0	324.2	319.2	324.2	326.0	323.7	317.1	314.0	313.5	309.2
45°	643.6	615.7	566.3	522.6	566.3	615.7	643.6	593.6	552.7	517.6	479.4
42.5°	1007.6	1040.9	1066.0	1077.5	1066.0	1040.9	1007.6	947.2	901.8	870.6	865.2
40°	1264.4	1228.8	1221.5	1227.0	1221.5	1228.8	1264.4	1299.1	1268.2	1285.5	1271.3
37.5°	1518.6	1551.0	1575.0	1536.1	1575.0	1551.0	1518.6	1514.8	1499.7	1471.8	1441.7
35°	1682.3	1797.6	1932.8	1973.8	1932.8	1797.6	1682.3	1625.1	1600.5	1569.6	1546.0
32.5°	1956.2	2077.8	2130.6	2143.5	2130.6	2077.8	1956.2	1816.0	1732.2	1692.3	1667.1
30°	2391.9	2513.4	2535.3	2552.9	2535.3	2513.4	2391.9	2205.5	2012.0	1921.1	1841.8
27.5°	3363.2	3635.0	3699.5	3744.9	3699.5	3635.0	3363.2	3033.2	2536.0	2305.0	2114.8
25°	6174.3	6881.4	7343.3	7298.5	7343.3	6881.4	6174.3	5151.2	3855.3	3253.8	2611.0
22.5°	13015.4	14403.5	15144.2	15131.0	15144.2	14403.5	13015.4	10409.4	7808.6	5719.4	4082.3
20°	26360.1	30467.3	32690.4	32437.2	32690.4	30467.3	26360.1	20293.0	16034.5	10957.3	7458.2
17.5°	45963.6	53896.3	59438.5	59665.5	59438.5	53896.3	45963.6	37080.4	29171.7	20157.9	12972.3
15°	71073.3	82843.7	91152.9	91151.8	91152.9	82843.7	71073.3	58507.2	45215.6	32544.7	21621.2
12.5°	101633.4	115702.8	125209.8	126635.5	125209.8	115702.8	101633.4	83692.9	62505.7	46540.1	31505.7
10°	130963.0	146899.5	161271.9	165229.1	161271.9	146899.5	130963.0	109098.4	84875.2	60542.4	39930.6
7.5°	155788.1	180857.4	193949.3	198072.7	193949.3	180857.4	155788.1	131435.2	103265.7	73945.9	49558.6
5°	180155.5	201855.2	212846.9	216029.0	212846.9	201855.2	180155.5	148112.9	117011.8	84989.7	56749.0
2.5°	192973.5	212891.6	228340.7	237300.3	228340.7	212891.6	192973.5	160398.0	126560.0	92874.9	62555.1
0°	197796.3	216720.0	237438.7	251550.5	237438.7	216720.0	197796.3	166060.8	130570.3	96330.4	65469.0
-2.5°	192972.5	211283.5	226551.9	233985.4	226551.9	211283.5	192972.5	161435.2	126033.0	92947.3	63770.5
-5°	178350.2	199888.0	211004.5	213818.9	211004.5	199888.0	178350.2	148660.7	115924.3	86058.1	59320.1
-7.5°	154996.1	175710.1	189339.7	192409.6	189339.7	175710.1	154996.1	129794.2	102739.7	75103.2	51117.0
-10°	128996.3	146689.5	155884.5	158158.2	155884.5	146689.5	128996.3	106657.3	84527.8	62258.6	41475.9
-12.5°	100233.0	113208.4	122594.5	123868.5	122594.5	113208.4	100233.0	84798.8	65299.0	47031.5	31604.4
-15°	74608.0	83189.2	90756.4	91625.9	90756.4	83189.2	74608.0	61424.5	47294.0	33346.8	21847.9
-17.5°	49983.5	57088.1	61322.1	62543.7	61322.1	57088.1	49983.5	39296.8	31144.3	21925.3	14913.0
-20°	29948.4	35032.2	37853.8	37959.9	37853.8	35032.2	29948.4	24396.3	19075.4	13738.2	9806.2



REPORT NUMBER: P1306000 (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°	17374.6	20203.2	21696.2	21667.2	21696.2	20203.2	17374.6	14589.0	11215.8	8551.3	6575.5
-25°	10020.3	11258.8	11753.1	11770.7	11753.1	11258.8	10020.3	8408.8	6781.5	6152.2	5481.1
-27.5°	6380.3	6664.6	6778.5	6796.8	6778.5	6664.6	6380.3	5996.7	5518.8	5268.8	4987.8
-30°	5349.4	5515.7	5592.1	5613.6	5592.1	5515.7	5349.4	5162.2	4956.8	4805.5	4656.7
-32.5°	4826.8	4918.4	4980.2	4971.2	4980.2	4918.4	4826.8	4725.1	4616.9	4520.1	4434.2
-35°	4537.8	4594.6	4629.3	4645.9	4629.3	4594.6	4537.8	4473.1	4406.9	4339.1	4264.3
-37.5°	4350.5	4401.2	4434.1	4443.9	4434.1	4401.2	4350.5	4291.1	4231.6	4168.0	4063.2
-40°	4155.5	4197.8	4224.8	4234.5	4224.8	4197.8	4155.5	4099.7	4034.9	3941.5	3769.3
-42.5°	3945.1	3990.5	4012.1	4012.2	4012.1	3990.5	3945.1	3861.3	3729.1	3551.3	3284.6
-45°	3569.2	3708.8	3778.7	3781.9	3778.7	3708.8	3569.2	3338.8	3058.0	2748.6	2449.2
-47.5°	2597.8	2735.7	2846.6	2928.7	2846.6	2735.7	2597.8	2399.8	2182.1	1953.5	1736.0
-50°	1765.2	1774.4	1774.9	1767.0	1774.9	1774.4	1765.2	1738.9	1708.7	1675.3	1648.8
-52.5°	1685.6	1695.0	1702.0	1705.8	1702.0	1695.0	1685.6	1659.9	1626.9	1586.3	1548.5
-55°	1556.2	1568.2	1573.0	1571.1	1573.0	1568.2	1556.2	1527.2	1487.9	1437.3	1385.6
-57.5°	1364.0	1371.9	1375.5	1374.4	1375.5	1371.9	1364.0	1341.1	1306.8	1261.8	1213.1
-60°	1185.0	1190.8	1194.2	1194.0	1194.2	1190.8	1185.0	1166.4	1135.9	1097.3	1054.0
-62.5°	1018.1	1023.3	1027.1	1027.6	1027.1	1023.3	1018.1	1001.7	972.6	936.7	895.9
-65°	841.2	845.1	847.7	847.2	847.7	845.1	841.2	828.2	802.3	771.2	735.6
-67.5°	672.5	675.3	677.6	677.5	677.6	675.3	672.5	662.9	641.1	616.4	588.9
-70°	522.6	522.8	523.9	523.2	523.9	522.8	522.6	516.9	499.0	478.6	455.4
-72.5°	385.1	384.8	384.6	383.2	384.6	384.8	385.1	381.9	367.9	352.4	335.3
-75°	287.0	286.0	285.0	283.5	285.0	286.0	287.0	286.0	275.9	265.3	254.0
-77.5°	239.9	239.9	238.3	236.4	238.3	239.9	239.9	238.9	229.9	221.0	212.7
-80°	212.7	212.5	211.7	210.8	211.7	212.5	212.7	212.2	204.7	197.1	190.0
-82.5°	189.3	189.7	189.5	189.2	189.5	189.7	189.3	188.7	182.4	176.1	170.0
-85°	167.7	168.3	168.0	167.7	168.0	168.3	167.7	167.1	161.7	156.3	151.2
-87.5°	149.7	150.2	150.2	150.2	150.2	150.2	149.7	149.3	144.8	140.3	135.8
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	121.9	119.6	117.2	115.5	113.8	111.8	109.8	106.8	103.7	100.7	97.6
87.5°	0.7	0.7	0.7	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.3
85°	1.8	1.8	1.7	1.5	1.3	1.3	1.3	1.5	1.7	1.6	1.6
82.5°	2.0	2.0	2.0	1.9	1.7	1.7	1.6	1.8	2.0	2.0	2.0
80°	2.0	2.3	2.4	2.4	2.3	2.3	2.2	2.1	2.0	2.0	2.1
77.5°	2.0	2.2	2.4	2.6	2.7	2.8	2.8	2.7	2.6	2.8	2.8
75°	3.9	4.1	4.1	3.8	3.6	3.4	3.3	3.2	3.2	3.3	3.4
72.5°	9.9	9.6	9.3	8.5	7.6	7.6	7.4	6.7	5.6	4.2	3.4
70°	15.2	15.5	15.9	16.6	16.5	15.9	14.5	12.8	10.9	9.0	7.0
67.5°	16.5	18.2	19.7	20.9	21.2	21.5	20.8	19.8	19.5	17.8	12.9
65°	14.3	16.9	18.7	19.8	20.4	21.7	23.6	23.8	25.8	26.1	21.4
62.5°	9.8	12.2	13.8	15.4	16.3	17.9	21.2	24.6	29.5	31.6	27.4
60°	5.6	6.8	8.9	10.6	11.8	14.4	18.5	23.9	30.4	31.2	30.2
57.5°	4.3	5.3	6.8	8.4	9.0	11.9	16.1	22.5	29.1	30.3	28.5
55°	7.2	8.2	9.0	10.8	12.1	14.4	16.5	21.9	28.3	30.9	31.1
52.5°	22.0	26.6	26.5	21.3	22.1	25.1	23.3	27.6	31.8	35.3	36.7
50°	109.9	109.3	94.4	76.3	79.6	59.8	60.3	53.2	47.3	49.0	47.1
47.5°	291.4	267.5	244.0	225.2	201.1	178.1	160.1	126.4	116.3	82.5	81.7
45°	462.9	444.6	422.7	387.0	361.7	327.2	301.5	267.8	227.7	193.8	138.1
42.5°	827.5	674.1	573.8	536.3	484.8	449.0	421.0	392.0	362.1	319.5	267.7
40°	1239.0	1200.1	984.6	744.3	631.6	552.1	515.3	490.0	474.6	441.9	392.4
37.5°	1416.9	1375.7	1317.0	1203.0	894.7	715.8	629.6	580.3	576.4	546.1	502.4
35°	1515.4	1485.1	1455.4	1380.9	1216.2	1059.3	819.2	704.2	648.6	635.5	599.6
32.5°	1638.0	1609.7	1571.0	1532.2	1491.5	1475.8	1208.4	927.2	738.8	702.0	670.3
30°	1783.1	1758.5	1712.2	1676.8	1673.1	1658.8	1600.5	1257.9	953.3	759.8	737.9
27.5°	2034.6	1933.0	1878.2	1861.8	1857.7	1849.4	1809.3	1647.9	1207.4	921.0	795.5
25°	2441.8	2243.1	2146.0	2120.9	2122.2	2092.0	2063.5	1930.1	1601.8	1116.2	855.2
22.5°	3103.2	2754.6	2577.9	2492.7	2435.2	2392.2	2306.0	2181.4	2010.9	1396.0	1021.9
20°	4528.2	3439.3	3072.6	2866.9	2706.2	2590.5	2474.5	2359.9	2168.1	1735.7	1197.8
17.5°	7997.2	4804.7	3573.5	3228.1	2980.2	2775.6	2644.5	2498.0	2309.2	2004.9	1346.2
15°	12568.7	7243.0	4614.8	3649.6	3295.6	3021.8	2866.1	2679.3	2479.8	2172.0	1563.8
12.5°	19095.8	10520.8	5598.6	4014.2	3557.1	3231.5	3017.1	2863.6	2648.0	2346.4	1827.6
10°	24443.2	14138.9	7648.0	4775.1	3827.3	3385.0	3128.7	2963.1	2767.7	2506.0	2074.0
7.5°	30734.4	17599.6	9416.1	5317.2	4122.9	3567.6	3222.4	3033.3	2846.8	2568.7	2208.9
5°	34918.2	20105.3	11000.4	5901.5	4407.2	3764.3	3306.6	3083.8	2886.3	2588.6	2299.6
2.5°	38233.3	21493.6	11634.6	6062.3	4591.7	3948.4	3417.9	3146.6	2914.4	2612.5	2368.7
0°	40265.0	22363.5	11437.3	6165.1	4704.5	4068.1	3572.5	3216.2	2926.7	2627.7	2406.1
-2.5°	39348.1	21954.4	11340.9	6082.3	4770.2	4137.1	3694.1	3372.6	2994.7	2649.7	2422.1
-5°	36639.8	20390.8	11097.5	6113.2	4799.0	4186.6	3772.6	3472.0	3057.4	2676.1	2407.2
-7.5°	31819.2	18260.6	9992.2	5918.3	4769.1	4204.7	3818.6	3521.9	3136.1	2758.6	2390.0
-10°	25120.6	14840.0	8404.9	5642.5	4706.6	4192.9	3846.1	3526.1	3166.2	2818.2	2332.1
-12.5°	19996.9	11617.9	6738.8	5247.6	4618.6	4168.2	3856.5	3500.6	3177.4	2873.1	2262.4
-15°	13953.5	8709.4	6070.1	5078.1	4533.6	4132.2	3836.2	3452.6	3165.6	2897.7	2133.1
-17.5°	9845.8	6654.1	5409.5	4825.6	4407.5	4095.0	3760.9	3416.1	3129.0	2765.9	1934.0
-20°	6713.7	5690.1	5120.5	4662.0	4292.4	4024.9	3661.1	3361.8	3057.2	2489.9	1788.2



REPORT NUMBER: P1306000 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5690.9	5228.6	4854.1	4495.1	4241.4	3905.1	3572.2	3280.0	2952.1	2177.2	1627.6
-25°	5171.2	4881.6	4616.9	4414.4	4140.1	3794.9	3490.2	3150.1	2595.6	1918.7	1479.6
-27.5°	4795.2	4597.9	4477.7	4282.5	3989.7	3690.4	3374.7	2952.7	2188.0	1708.5	1483.7
-30°	4524.3	4426.4	4300.1	4100.1	3834.1	3549.3	3240.5	2524.6	1909.8	1544.0	1478.4
-32.5°	4347.2	4243.6	4095.1	3888.8	3648.6	3383.5	2761.8	2121.6	1653.4	1533.6	1443.6
-35°	4182.2	4028.6	3832.0	3637.0	3449.8	2851.5	2237.5	1776.6	1586.2	1509.1	1396.2
-37.5°	3919.8	3735.1	3536.6	3299.7	2789.4	2252.4	1819.2	1629.2	1561.8	1455.1	1325.7
-40°	3557.2	3369.5	3002.6	2598.5	2178.2	1765.2	1655.5	1603.1	1500.4	1383.3	1240.7
-42.5°	2944.8	2602.4	2293.0	1971.5	1705.3	1666.7	1616.3	1527.3	1419.0	1285.4	1151.1
-45°	2189.6	1924.5	1698.9	1684.3	1660.6	1603.1	1530.6	1427.8	1309.3	1183.2	1056.1
-47.5°	1677.8	1659.2	1649.6	1619.2	1568.4	1503.4	1409.1	1307.7	1193.2	1077.5	968.7
-50°	1617.4	1584.8	1550.7	1508.6	1437.9	1360.0	1273.6	1178.3	1077.6	980.5	877.8
-52.5°	1509.8	1458.0	1404.2	1348.5	1286.4	1216.4	1137.1	1058.3	973.1	878.6	783.6
-55°	1335.6	1288.8	1243.3	1193.0	1138.5	1079.9	1015.6	941.0	857.3	770.4	689.7
-57.5°	1166.3	1123.3	1089.4	1048.9	1002.7	947.1	885.7	813.1	739.3	666.5	596.2
-60°	1014.3	974.6	943.0	904.5	859.8	809.0	754.7	693.0	626.2	572.0	519.0
-62.5°	860.5	825.3	793.2	758.3	719.2	676.0	630.2	586.2	536.4	486.9	435.3
-65°	703.0	669.0	641.2	619.6	591.9	562.3	526.8	487.7	441.4	396.0	348.6
-67.5°	562.9	537.7	517.8	498.8	474.6	447.5	414.8	379.7	346.0	312.6	275.6
-70°	433.2	413.0	394.1	374.6	356.5	338.9	316.9	291.8	263.5	241.4	221.3
-72.5°	319.3	306.6	293.4	280.4	265.6	255.4	244.5	230.9	215.5	198.4	183.7
-75°	243.7	236.6	229.6	223.5	216.5	208.7	202.0	194.4	186.1	176.9	167.8
-77.5°	204.9	200.4	196.1	193.2	190.0	186.1	181.2	175.0	168.5	161.0	153.5
-80°	183.2	179.6	176.0	173.5	170.6	167.3	163.6	158.3	152.7	146.3	140.0
-82.5°	164.0	161.0	158.0	155.5	152.9	150.3	147.3	142.8	138.1	132.6	127.2
-85°	146.2	143.6	141.0	139.0	136.8	134.5	132.0	128.0	124.0	119.4	114.8
-87.5°	131.4	129.1	126.9	125.0	123.1	120.8	118.5	115.2	111.9	108.3	104.7
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	93.6	89.6	86.6	83.5	80.2	76.8	73.1	69.4	64.7	59.9	54.2
87.5°	1.3	1.3	1.5	1.7	1.7	1.6	1.6	1.6	1.7	1.8	2.0
85°	1.5	1.5	1.7	2.0	2.0	2.0	1.9	1.9	2.1	2.3	2.3
82.5°	2.0	2.0	1.9	2.0	2.2	2.3	2.3	2.2	2.5	2.7	2.6
80°	2.3	2.4	2.3	2.2	2.4	2.7	2.6	2.5	2.8	3.0	2.9
77.5°	2.8	2.8	2.7	2.6	2.6	2.7	2.8	2.8	3.0	3.2	3.2
75°	3.4	3.2	2.8	2.8	2.9	2.8	3.0	3.2	3.4	3.5	3.5
72.5°	3.4	3.4	3.1	3.0	3.4	3.5	3.6	3.6	3.9	4.1	4.0
70°	5.1	4.0	3.7	3.8	4.1	4.3	4.4	4.5	4.4	4.6	4.6
67.5°	8.2	6.8	5.6	4.9	4.9	5.2	5.3	5.6	5.6	5.3	5.4
65°	15.7	11.3	8.0	7.0	6.2	6.1	6.3	6.9	6.9	6.7	6.1
62.5°	22.5	17.4	13.4	10.1	8.4	8.4	7.4	8.3	8.3	8.2	7.4
60°	28.6	23.4	19.3	15.9	12.8	11.3	10.6	9.8	10.1	9.8	9.0
57.5°	28.8	28.4	26.6	22.5	19.6	16.4	14.7	13.3	12.1	12.0	10.7
55°	29.3	29.7	33.2	30.8	27.9	23.6	20.5	18.0	15.2	14.4	12.4
52.5°	35.0	36.0	38.8	40.7	38.5	32.6	29.3	23.2	20.9	17.0	14.9
50°	44.9	48.4	48.8	52.2	50.5	46.5	38.9	32.6	27.1	20.8	17.6
47.5°	70.1	73.2	67.0	68.7	65.6	62.7	53.5	43.9	33.9	27.1	20.4
45°	133.2	114.6	103.8	94.9	86.7	83.4	71.0	56.5	45.4	33.7	23.3
42.5°	215.9	188.0	166.2	126.3	121.6	107.7	92.2	75.7	57.9	40.6	28.1
40°	332.5	279.2	242.2	199.7	164.6	135.2	119.5	97.3	71.2	49.3	34.3
37.5°	442.3	374.2	327.3	275.5	218.8	180.3	149.5	120.5	87.1	61.5	40.6
35°	530.6	463.0	399.4	346.0	288.5	225.4	181.8	146.5	107.5	74.2	47.1
32.5°	610.7	538.8	466.7	406.6	344.1	269.5	219.4	172.3	128.0	87.3	53.8
30°	681.6	612.9	530.8	456.3	389.9	315.6	255.0	196.4	148.6	100.9	61.7
27.5°	759.0	689.7	595.8	510.3	430.2	355.6	283.4	218.8	169.2	114.6	72.0
25°	831.8	761.3	668.3	571.0	471.0	387.6	309.8	239.7	188.4	128.5	81.7
22.5°	880.6	821.7	734.9	635.2	515.9	418.8	335.7	262.4	201.4	141.3	90.8
20°	919.9	874.6	793.6	683.7	564.8	455.6	361.6	280.7	213.6	152.8	99.3
17.5°	976.0	917.5	835.4	724.5	609.6	492.8	386.5	297.9	224.7	163.1	107.1
15°	1113.9	955.0	875.9	762.8	644.2	524.5	410.8	314.2	234.8	172.2	114.2
12.5°	1257.0	991.4	915.1	796.1	669.7	551.6	434.1	329.4	243.9	181.4	120.5
10°	1391.2	1023.2	951.6	826.4	691.8	574.4	456.1	346.0	257.4	191.0	126.2
7.5°	1504.8	1052.1	986.0	853.8	711.9	594.9	478.3	366.8	271.0	199.7	131.2
5°	1600.6	1078.6	1019.3	887.6	735.6	613.9	497.8	386.0	283.7	207.6	135.5
2.5°	1665.9	1102.7	1049.4	919.2	756.4	629.7	514.5	403.5	295.4	214.4	139.2
0°	1709.1	1124.6	1074.8	946.2	773.8	642.4	528.6	418.9	305.7	220.2	142.1
-2.5°	1722.7	1147.4	1095.7	969.1	801.6	659.4	538.9	426.1	312.7	226.7	146.9
-5°	1713.1	1168.5	1112.7	987.4	825.0	673.0	546.5	431.0	318.2	231.9	150.9
-7.5°	1683.9	1192.2	1126.9	1001.0	842.9	682.8	551.3	433.6	322.2	235.7	154.1
-10°	1633.9	1216.0	1138.3	1006.1	845.6	687.9	553.5	433.9	324.6	238.0	156.3
-12.5°	1571.1	1237.7	1145.3	1005.2	842.3	688.9	555.5	432.9	325.3	238.9	157.4
-15°	1490.8	1265.1	1154.3	998.9	834.8	686.8	553.7	429.6	323.3	237.5	157.5
-17.5°	1385.5	1290.7	1160.1	990.8	824.6	681.5	548.2	423.2	319.5	233.6	156.1
-20°	1382.8	1301.7	1157.0	975.4	809.9	672.0	538.6	413.7	313.8	228.4	153.5



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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°	1402.1	1297.2	1138.8	954.9	792.4	658.5	526.1	401.3	306.3	221.8	149.9
-25°	1412.7	1288.5	1113.4	932.8	774.4	641.3	511.3	388.3	297.0	213.8	145.3
-27.5°	1395.5	1262.6	1080.2	903.4	753.9	620.9	494.2	379.0	288.5	204.5	139.8
-30°	1366.0	1213.6	1039.5	869.2	727.4	597.4	474.1	367.7	279.2	196.9	133.4
-32.5°	1322.0	1161.0	993.6	836.4	697.2	570.2	451.3	354.3	268.3	190.4	129.3
-35°	1252.8	1101.6	944.4	799.5	663.7	542.5	429.6	338.7	255.9	182.2	125.7
-37.5°	1177.9	1033.5	899.0	759.4	628.6	512.2	410.4	322.2	242.0	172.3	121.7
-40°	1099.5	964.6	840.4	716.1	592.5	479.6	388.4	303.6	228.5	160.7	116.8
-42.5°	1017.4	897.3	780.0	665.7	553.2	452.1	363.8	282.0	212.2	152.0	111.1
-45°	940.6	826.7	716.0	612.4	511.3	421.4	336.5	258.3	194.2	144.5	106.8
-47.5°	859.7	753.4	651.8	555.6	473.0	387.4	305.8	236.2	174.8	135.9	105.1
-50°	776.4	678.8	586.4	504.1	428.5	349.4	273.7	212.4	163.3	125.8	103.0
-52.5°	692.0	603.8	525.2	453.0	380.5	308.1	244.0	187.8	150.8	120.3	100.5
-55°	606.8	535.2	467.2	398.1	329.7	269.6	212.0	172.1	137.5	116.5	97.8
-57.5°	533.8	470.4	404.6	340.0	283.1	230.4	188.0	155.7	130.8	112.5	95.9
-60°	461.3	399.0	338.3	287.4	238.9	198.6	168.8	142.0	125.8	108.5	93.6
-62.5°	380.3	326.7	281.6	237.4	203.6	175.6	151.1	135.3	120.4	105.3	91.0
-65°	306.6	265.5	227.1	201.7	176.6	155.4	142.5	128.1	115.4	101.7	88.2
-67.5°	238.6	216.4	194.0	171.2	157.4	145.7	133.5	122.0	110.6	97.9	85.3
-70°	200.6	180.4	167.3	157.0	146.7	136.1	126.6	116.5	105.6	94.2	82.2
-72.5°	173.6	163.9	154.5	145.1	136.8	128.3	119.8	110.7	100.6	90.3	78.9
-75°	158.9	150.7	142.9	135.1	127.7	120.2	112.8	104.6	95.4	86.1	75.4
-77.5°	146.1	138.9	131.9	125.3	119.0	112.6	105.6	98.2	90.0	81.6	71.7
-80°	133.7	127.5	121.7	116.1	110.6	105.0	98.4	91.8	84.5	76.9	67.9
-82.5°	121.6	116.2	111.4	106.6	101.6	96.6	91.0	85.4	78.8	72.1	64.2
-85°	110.0	105.2	101.0	96.7	92.4	88.1	83.8	79.5	73.8	68.1	61.0
-87.5°	100.6	96.4	93.1	89.7	86.1	82.5	78.5	74.5	69.3	64.0	57.6
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	48.5	40.7	33.0	23.9	14.8	8.4	2.0
87.5°	2.2	2.2	2.2	2.2	2.1	2.2	2.0
85°	2.4	2.5	2.5	2.4	2.2	2.3	2.0
82.5°	2.6	2.7	2.7	2.5	2.4	2.5	2.0
80°	2.8	2.9	3.0	2.7	2.5	2.7	2.0
77.5°	3.1	3.2	3.2	2.9	2.7	2.8	2.0
75°	3.5	3.6	3.5	3.1	2.8	3.0	2.0
72.5°	3.9	4.0	3.8	3.3	3.0	3.2	2.0
70°	4.3	4.4	4.2	3.5	3.1	3.3	2.0
67.5°	5.2	4.8	4.6	3.9	3.3	3.5	2.0
65°	6.0	5.4	5.0	4.3	3.6	3.7	2.0
62.5°	7.0	6.3	5.5	4.7	3.8	3.9	2.0
60°	7.9	7.3	5.9	5.1	4.0	4.0	2.0
57.5°	9.4	8.2	6.8	5.5	4.5	4.2	2.0
55°	11.0	9.2	7.7	5.9	4.9	4.4	2.0
52.5°	12.6	10.3	8.7	6.4	5.4	4.6	2.0
50°	14.2	11.8	9.7	6.8	5.9	4.8	2.0
47.5°	16.0	13.4	10.7	7.4	6.4	4.9	2.0
45°	18.5	15.0	11.7	8.1	6.9	5.1	2.0
42.5°	21.1	16.7	12.7	8.9	7.4	5.3	2.0
40°	23.9	18.4	13.9	9.9	8.0	5.5	2.0
37.5°	26.9	20.2	15.3	11.0	8.5	5.7	2.0
35°	30.1	22.4	16.7	12.1	9.1	5.9	2.0
32.5°	34.0	24.9	18.0	13.3	9.6	6.1	2.0
30°	39.6	27.4	19.4	14.4	10.2	6.3	2.0
27.5°	45.1	29.9	21.1	15.5	10.7	6.4	2.0
25°	50.5	32.3	22.9	16.6	11.3	6.6	2.0
22.5°	55.8	34.8	24.6	17.7	11.8	6.8	2.0
20°	60.9	37.4	26.3	18.8	12.4	7.0	2.0
17.5°	65.7	39.8	27.9	19.8	12.9	7.1	2.0
15°	70.0	42.1	29.5	20.9	13.4	7.3	2.0
12.5°	74.1	44.3	31.1	21.9	13.9	7.5	2.0
10°	77.8	46.4	32.5	22.9	14.4	7.6	2.0
7.5°	81.1	48.3	33.9	23.8	14.9	7.7	2.0
5°	84.1	50.1	35.3	24.7	15.4	7.9	2.0
2.5°	86.7	51.7	36.5	25.5	15.8	8.0	2.0
0°	88.9	53.2	37.7	26.3	16.2	8.1	2.0
-2.5°	91.8	55.4	39.4	27.5	16.9	8.4	2.0
-5°	94.2	57.5	41.0	28.6	17.6	8.8	2.0
-7.5°	96.2	59.4	42.4	29.6	18.3	9.1	2.0
-10°	97.7	61.2	43.8	30.6	18.9	9.4	2.0
-12.5°	98.7	62.7	45.1	31.5	19.4	9.6	2.0
-15°	99.3	64.1	46.2	32.3	20.0	9.9	2.0
-17.5°	99.3	65.3	47.2	33.0	20.5	10.1	2.0
-20°	99.0	66.2	48.1	33.7	20.9	10.4	2.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	98.2	67.0	48.9	34.3	21.3	10.6	2.0
-25°	96.9	67.6	49.6	34.7	21.7	10.8	2.0
-27.5°	95.1	68.2	50.1	35.1	22.0	10.9	2.0
-30°	92.8	68.5	50.5	35.5	22.3	11.1	2.0
-32.5°	90.0	68.7	51.0	35.7	22.5	11.2	2.0
-35°	88.9	68.7	51.3	35.8	22.6	11.3	2.0
-37.5°	88.7	68.6	51.6	35.9	22.8	11.4	2.0
-40°	88.1	68.7	51.7	35.8	22.8	11.5	2.0
-42.5°	87.4	68.7	51.7	35.7	22.8	11.5	2.0
-45°	86.3	68.5	51.7	35.7	22.8	11.5	2.0
-47.5°	84.9	68.2	51.5	35.5	22.7	11.5	2.0
-50°	83.9	67.6	51.1	35.5	22.6	11.5	2.0
-52.5°	82.8	67.0	50.6	35.3	22.4	11.4	2.0
-55°	81.5	65.9	50.0	35.1	22.1	11.4	2.0
-57.5°	80.0	64.8	49.2	34.8	21.9	11.3	2.0
-60°	78.3	63.4	48.3	34.3	21.5	11.2	2.0
-62.5°	76.5	61.9	47.6	33.8	21.2	11.0	2.0
-65°	74.4	60.3	46.7	33.3	20.8	10.9	2.0
-67.5°	72.2	58.7	45.7	32.6	20.4	10.7	2.0
-70°	69.9	57.0	44.6	31.8	19.9	10.5	2.0
-72.5°	67.4	55.2	43.4	31.1	19.4	10.3	2.0
-75°	64.8	53.2	42.1	30.2	18.9	10.1	2.0
-77.5°	62.0	51.2	40.8	29.3	18.3	9.9	2.0
-80°	59.0	49.2	39.4	28.4	17.6	9.6	2.0
-82.5°	56.5	47.2	37.9	27.4	17.0	9.3	2.0
-85°	53.9	45.1	36.4	26.3	16.3	9.0	2.0
-87.5°	51.3	43.0	34.7	25.1	15.6	8.7	2.0
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)