

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: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-80-5S-VHE-A**

Issue Date: 2/3/2026

Test Information

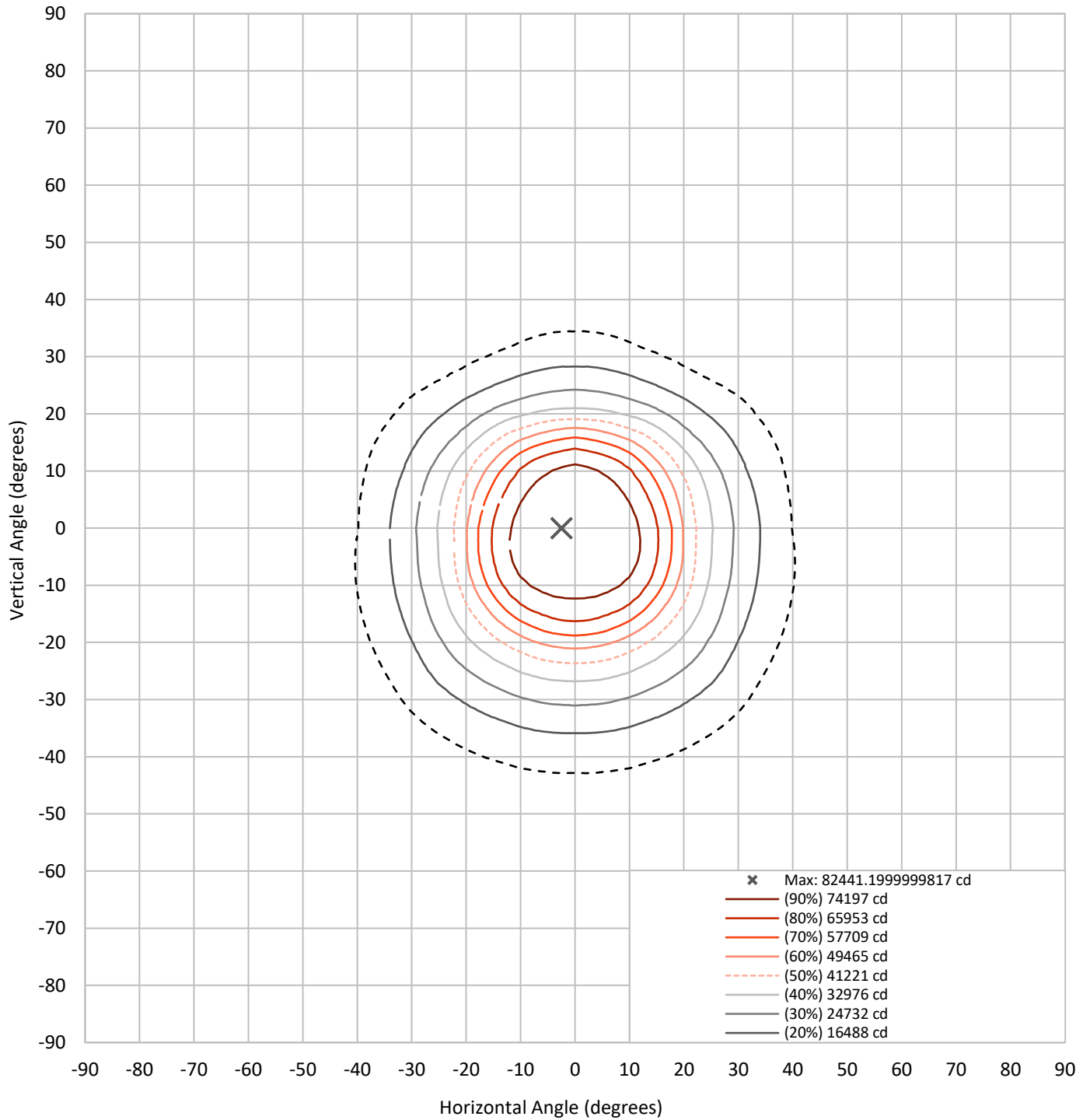
Test Method: LM-79-08
Report Number: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-320N-57-80-5S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	53680.4 lumens	Max Intensity:	82441.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	160.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	29475.6 lumens	Field Lumens:	49325.7 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%
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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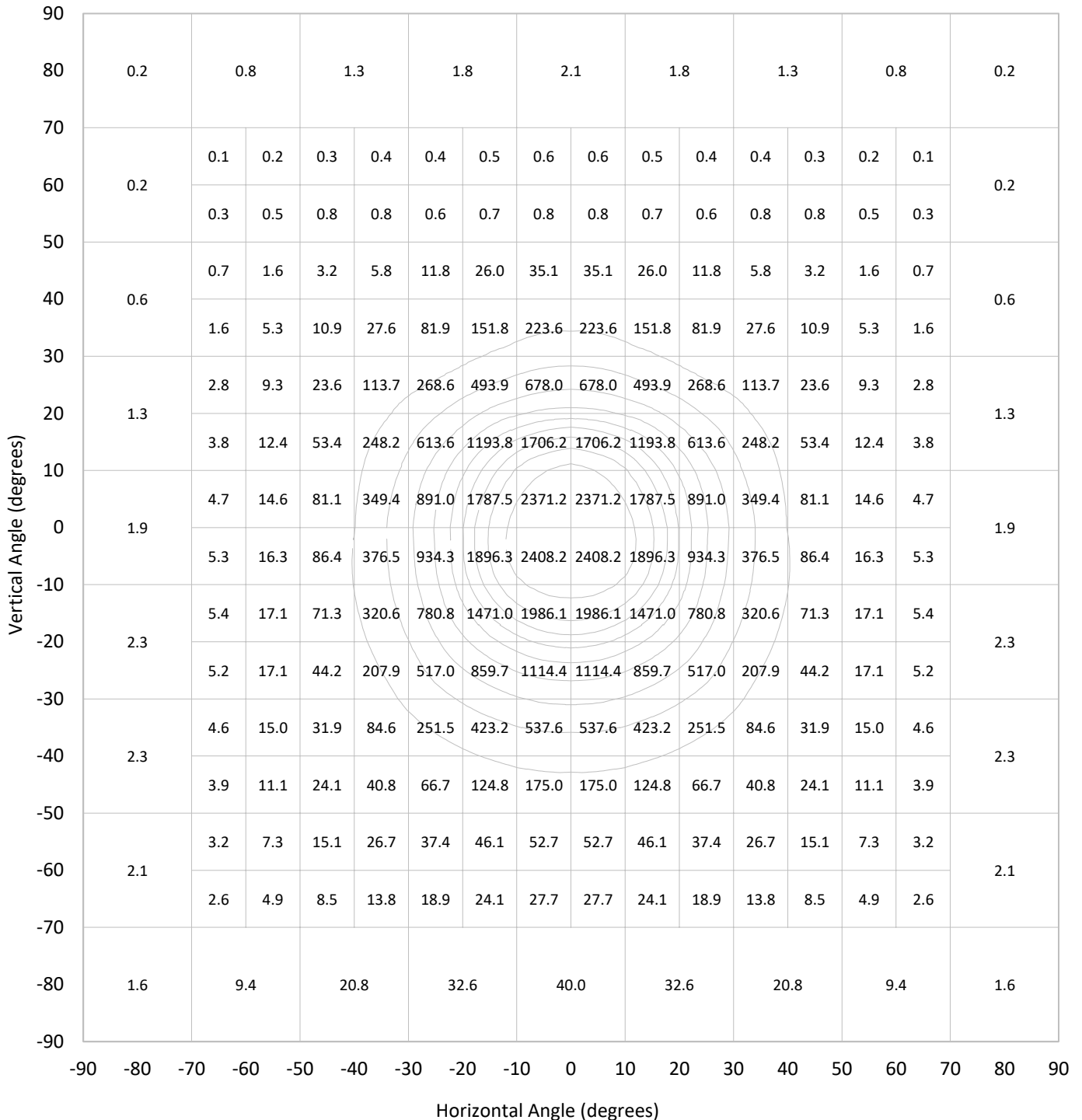
Iso-Candela Plot





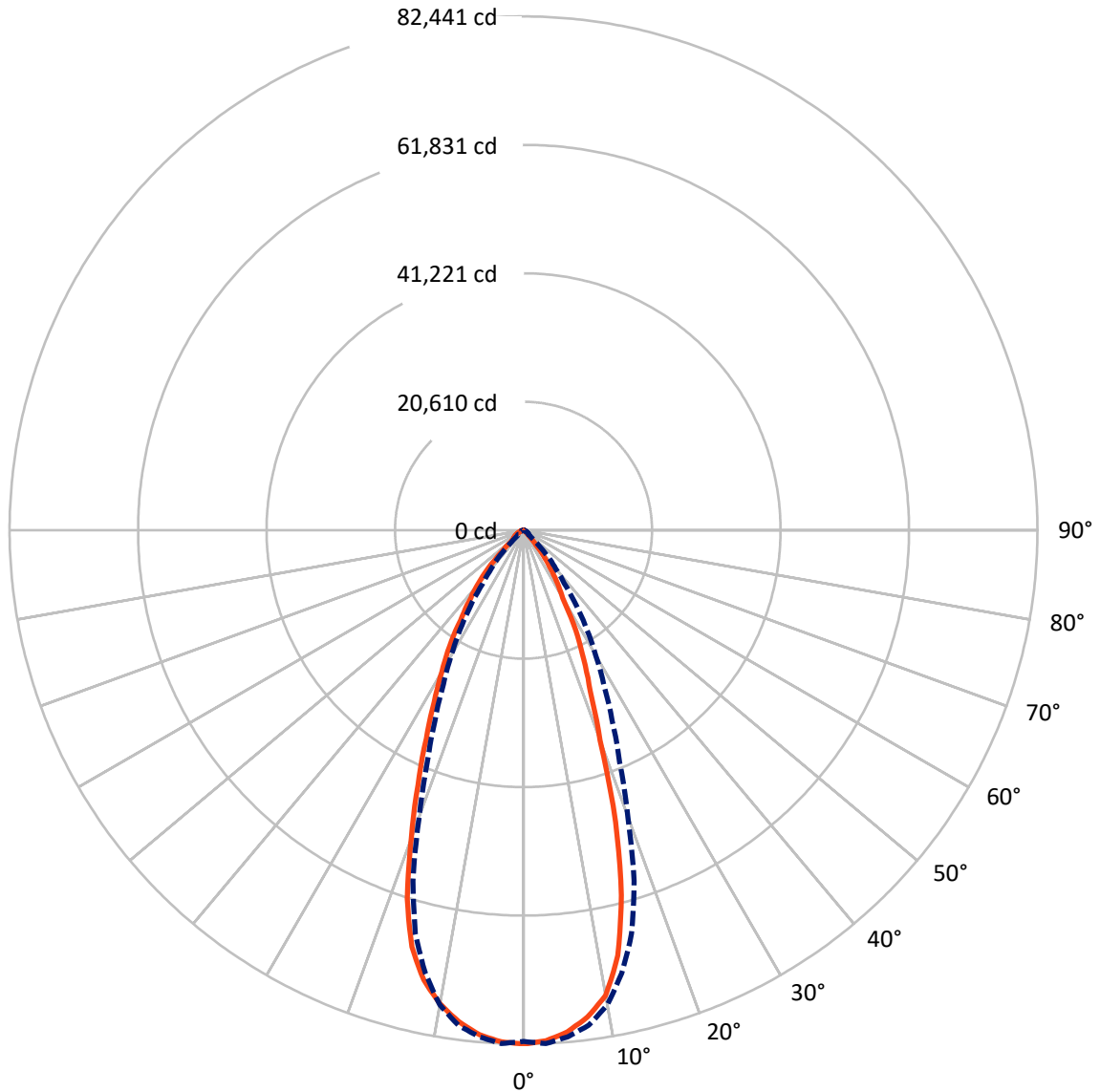
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Lumen Table



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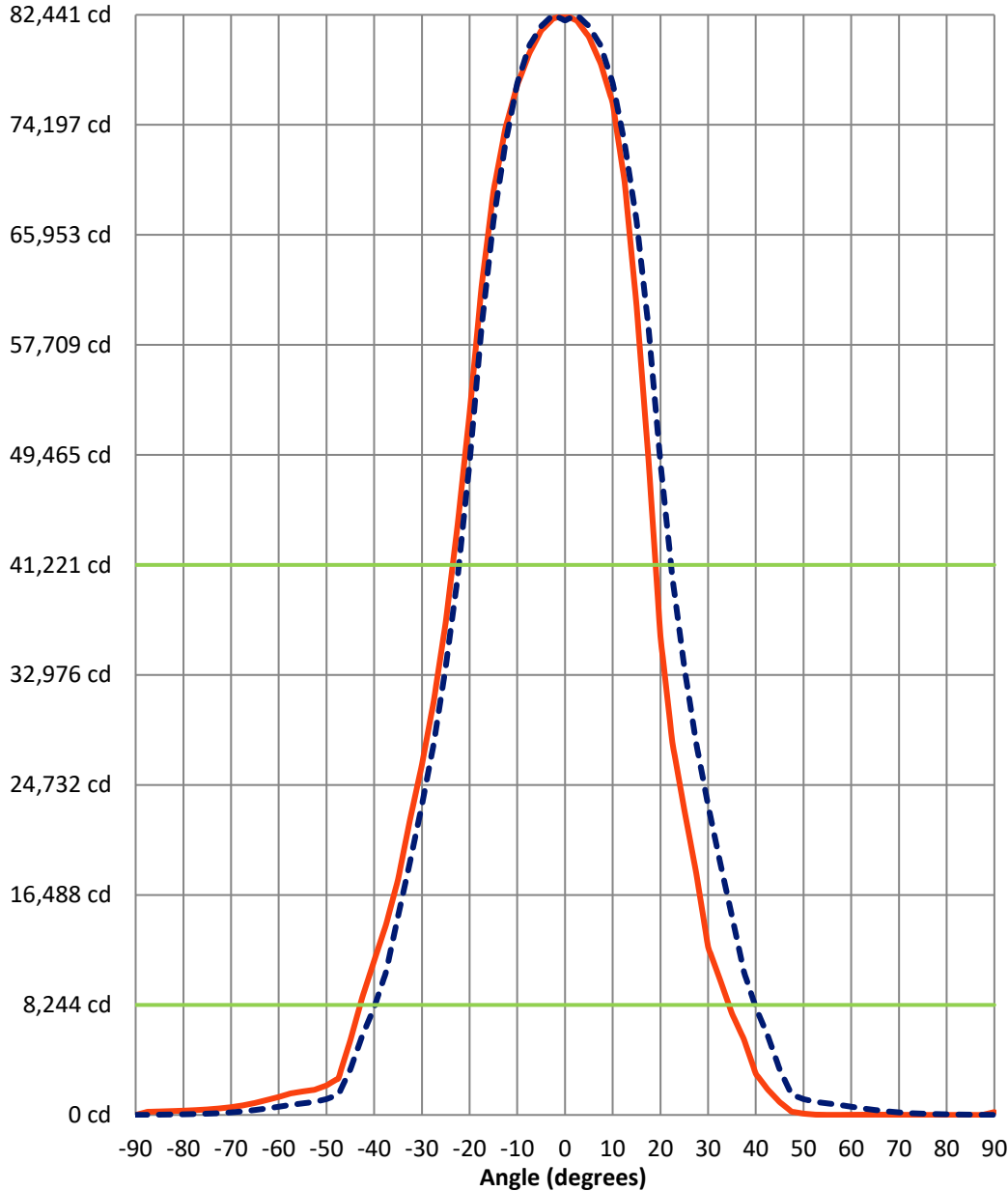
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 29475.6
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 49325.7
 Efficiency: 91.9%

Spill:
 Lumens: 4354.7
 Efficiency: 8.1%

— 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°	7.1	13.9	20.7	34.3	47.9	60.5	73.2	83.6	93.9	101.4	108.8
87.5°	7.1	6.6	6.0	6.0	6.0	6.1	6.1	5.9	5.6	5.6	5.5
85°	7.1	6.7	6.2	6.2	6.3	6.4	6.5	6.3	6.1	5.9	5.7
82.5°	7.1	6.9	6.3	6.4	6.5	6.6	6.8	6.7	6.5	6.3	6.0
80°	7.1	7.0	6.5	6.7	6.7	6.9	7.1	7.1	7.0	6.7	6.4
77.5°	7.1	7.2	6.7	6.9	6.9	7.2	7.5	7.5	7.5	7.2	6.7
75°	7.1	7.3	6.9	7.1	7.2	7.7	7.9	7.9	7.9	7.5	7.0
72.5°	7.1	7.5	7.1	7.3	7.7	8.1	8.3	8.3	8.2	7.8	7.3
70°	7.1	7.6	7.4	7.6	8.1	8.6	8.7	8.8	8.6	8.1	7.9
67.5°	7.1	7.8	7.6	8.0	8.6	9.1	9.3	9.3	9.0	8.8	8.7
65°	7.1	8.0	7.8	8.3	9.1	9.6	9.9	9.9	9.9	9.6	9.6
62.5°	7.1	8.1	8.1	8.7	9.6	10.1	10.5	10.7	10.8	10.7	11.2
60°	7.1	8.3	8.3	9.1	10.0	10.7	11.1	11.7	11.8	12.8	13.0
57.5°	7.1	8.4	8.7	9.5	10.7	11.2	12.3	12.8	14.6	15.6	16.6
55°	7.1	8.6	9.2	9.8	11.4	11.8	13.7	14.2	18.1	19.3	21.3
52.5°	7.1	8.8	9.6	10.2	12.1	12.6	15.3	17.8	22.0	25.1	26.7
50°	7.1	8.9	10.1	10.6	12.9	14.3	16.9	21.8	26.7	31.3	34.5
47.5°	7.1	9.1	10.7	11.0	13.8	16.2	19.0	25.9	32.8	37.9	43.2
45°	7.1	9.2	11.2	11.7	14.7	18.2	22.6	30.0	38.9	46.3	52.4
42.5°	7.1	9.4	11.8	12.4	15.7	20.3	26.2	35.0	45.3	55.1	66.4
40°	7.1	9.6	12.4	13.5	17.1	22.5	30.0	40.8	52.4	64.2	81.8
37.5°	7.1	9.7	13.0	14.8	18.8	24.7	34.1	46.6	60.6	75.1	98.2
35°	7.1	9.9	13.6	16.1	20.5	27.7	38.3	52.5	69.1	89.8	117.1
32.5°	7.1	10.0	14.3	17.5	22.3	31.0	42.8	58.7	77.7	104.9	138.6
30°	7.1	10.2	14.9	18.9	24.0	34.3	48.0	65.3	86.5	120.2	159.7
27.5°	7.1	10.3	15.6	20.3	26.4	37.6	53.1	72.4	96.4	135.7	180.3
25°	7.1	10.5	16.3	21.7	28.8	40.7	58.0	79.2	107.9	152.3	200.6
22.5°	7.1	10.6	17.0	23.1	31.1	44.0	62.9	85.8	118.8	166.6	222.0
20°	7.1	10.8	17.7	24.5	33.5	47.5	67.5	92.1	128.9	180.2	240.0
17.5°	7.1	10.9	18.4	25.9	35.7	50.9	72.2	98.0	138.4	192.9	256.9
15°	7.1	11.0	19.1	27.3	37.9	54.1	76.7	103.7	147.2	204.7	272.9
12.5°	7.1	11.2	19.7	28.7	40.0	57.2	80.9	109.4	156.0	215.6	287.9
10°	7.1	11.3	20.4	30.1	42.0	60.1	84.9	114.8	164.8	228.5	303.8
7.5°	7.1	11.4	21.0	31.4	43.9	62.9	88.6	119.7	172.9	241.0	322.8
5°	7.1	11.5	21.6	32.6	45.8	65.4	92.0	124.3	180.2	252.5	340.7
2.5°	7.1	11.6	22.2	33.9	47.6	67.8	95.0	128.5	186.7	263.0	357.2
0°	7.1	11.7	22.7	35.0	49.2	70.0	97.8	132.2	192.4	272.1	371.9
-2.5°	7.1	12.1	23.7	36.5	51.5	73.2	102.0	137.6	199.0	279.8	379.5
-5°	7.1	12.6	24.6	38.0	53.7	76.2	105.8	142.4	204.6	286.1	385.1
-7.5°	7.1	13.0	25.5	39.4	55.7	78.9	109.3	146.8	209.1	290.8	388.7
-10°	7.1	13.4	26.3	40.7	57.6	81.4	112.3	150.5	212.6	294.0	390.5
-12.5°	7.1	13.8	27.1	41.9	59.4	83.7	115.0	153.7	215.0	295.6	393.2
-15°	7.1	14.2	27.8	43.1	61.0	85.6	117.3	156.2	216.3	296.1	394.6
-17.5°	7.1	14.6	28.5	44.1	62.4	87.3	119.1	158.4	216.6	294.9	393.0
-20°	7.1	14.9	29.1	45.0	63.7	88.6	120.7	160.3	215.8	291.8	388.1



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 CATALOG NUMBER: EPH-08-320N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	15.2	29.6	45.8	64.8	89.7	122.4	161.6	213.8	287.0	380.4
-25°	7.1	15.5	30.1	46.6	65.7	90.9	123.6	162.2	210.8	280.4	373.6
-27.5°	7.1	15.8	30.5	47.2	66.4	92.1	124.3	162.4	206.6	275.9	368.5
-30°	7.1	16.0	30.8	47.7	67.0	93.0	124.6	161.9	204.9	272.3	360.8
-32.5°	7.1	16.2	31.1	48.1	68.1	93.6	124.3	161.5	204.7	266.8	350.0
-35°	7.1	16.4	31.3	48.4	69.1	93.9	124.4	160.9	203.6	259.5	336.2
-37.5°	7.1	16.6	31.5	48.6	69.8	94.2	124.4	159.9	201.4	250.3	323.7
-40°	7.1	16.7	31.6	48.7	70.4	94.9	123.9	158.3	198.2	244.7	311.7
-42.5°	7.1	16.9	31.6	48.8	70.9	95.4	123.2	156.0	195.1	240.1	297.6
-45°	7.1	16.9	31.5	49.1	71.3	95.6	122.2	153.7	191.6	234.2	282.8
-47.5°	7.1	17.0	31.3	49.2	71.4	95.6	120.6	151.9	187.3	227.0	274.5
-50°	7.1	17.0	31.1	49.2	71.3	95.4	120.1	149.5	181.9	220.6	264.7
-52.5°	7.1	17.0	30.9	49.1	71.0	94.9	119.5	146.6	177.3	212.9	252.9
-55°	7.1	17.0	30.5	48.9	70.4	94.1	118.5	143.4	172.7	204.0	241.0
-57.5°	7.1	16.9	30.1	48.5	69.6	92.9	117.2	141.8	167.6	197.1	228.0
-60°	7.1	16.8	29.6	48.0	68.6	91.5	115.6	139.6	162.4	190.3	215.6
-62.5°	7.1	16.7	29.2	47.4	67.6	89.8	113.4	136.9	159.1	182.4	205.8
-65°	7.1	16.6	28.8	46.6	66.5	87.9	110.9	133.7	155.3	176.2	195.3
-67.5°	7.1	16.4	28.2	45.7	65.1	85.8	108.1	129.8	151.1	170.4	187.1
-70°	7.1	16.2	27.6	44.7	63.6	83.4	105.0	125.6	146.0	164.2	179.8
-72.5°	7.1	16.0	26.9	43.7	61.9	80.9	101.3	121.1	140.5	157.1	172.0
-75°	7.1	15.7	26.2	42.6	60.0	78.0	97.3	115.8	134.6	149.7	163.7
-77.5°	7.1	15.5	25.4	41.5	58.3	74.9	92.9	110.1	127.6	141.8	155.2
-80°	7.1	15.2	24.5	40.2	56.5	72.1	88.3	104.0	120.2	132.9	145.3
-82.5°	7.1	14.9	23.6	38.9	54.5	69.5	84.6	98.4	112.5	123.7	134.7
-85°	7.1	14.6	22.7	37.4	52.4	66.6	81.0	93.6	106.4	115.8	125.0
-87.5°	7.1	14.2	21.7	35.9	50.2	63.6	77.2	88.7	100.3	108.6	117.0
-90°	7.1	6.5	5.8	5.8	5.8	5.8	5.8	5.5	5.2	5.2	5.2



REPORT NUMBER: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	113.4	117.9	122.1	126.3	131.5	136.7	142.2	147.7	153.6	159.4	164.9
87.5°	5.2	4.9	4.9	4.9	4.6	4.3	4.1	3.9	3.6	3.2	3.1
85°	5.5	5.2	5.2	5.2	4.9	4.7	4.4	4.2	3.9	3.6	3.6
82.5°	5.9	5.9	5.6	5.2	5.1	5.2	4.9	4.5	4.3	4.1	4.0
80°	6.3	6.5	6.0	5.5	5.3	5.2	4.9	4.6	4.5	4.5	4.3
77.5°	6.6	6.5	6.2	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5
75°	6.8	6.6	6.4	6.0	5.7	5.7	5.6	5.5	5.3	5.3	5.3
72.5°	7.1	7.0	6.6	6.1	6.0	6.1	6.1	5.9	6.1	6.3	6.3
70°	7.7	7.4	7.0	6.6	6.4	6.6	6.9	7.3	7.8	7.9	8.6
67.5°	8.4	8.1	7.5	7.2	7.0	7.4	7.8	9.4	10.9	11.7	12.6
65°	9.3	8.9	8.3	8.2	7.8	9.4	10.7	12.4	15.5	17.0	16.9
62.5°	10.5	10.6	9.7	9.9	11.3	12.7	15.0	18.6	22.2	23.6	22.3
60°	13.2	12.8	12.9	13.7	15.2	16.9	20.5	24.9	29.1	31.3	27.9
57.5°	16.9	16.8	17.8	18.3	20.3	20.9	25.7	31.1	34.7	37.4	32.9
55°	22.2	22.4	24.3	24.9	26.3	26.2	30.4	35.5	39.2	40.4	35.8
52.5°	29.5	29.8	33.2	33.7	33.2	33.7	35.2	40.7	43.8	43.8	39.8
50°	37.4	41.6	43.7	45.1	42.6	44.1	42.7	48.8	53.4	53.0	54.5
47.5°	49.3	54.8	57.9	60.1	58.2	63.1	62.0	71.4	74.6	92.4	95.3
45°	63.2	72.1	76.3	81.3	86.8	92.7	107.7	107.7	149.9	166.4	210.1
42.5°	78.9	92.3	103.7	105.7	133.7	149.9	170.5	212.7	253.8	305.4	325.1
40°	99.8	114.6	137.9	164.3	195.2	230.6	268.8	320.1	374.0	400.7	404.2
37.5°	122.8	150.7	183.2	231.0	278.6	325.1	373.5	423.6	462.5	472.4	508.6
35°	147.6	188.4	249.1	304.0	359.4	423.6	466.7	512.8	536.2	577.1	646.8
32.5°	178.8	227.1	302.6	374.0	435.6	505.5	546.8	582.1	636.9	707.8	861.9
30°	211.3	270.8	347.2	429.7	505.5	564.1	611.1	655.4	741.3	912.6	1441.1
27.5°	238.5	308.4	388.7	480.6	567.1	620.6	673.8	751.2	904.7	1257.8	2260.1
25°	262.8	338.7	429.3	536.0	620.8	679.6	748.9	858.2	1099.0	2057.3	3341.8
22.5°	286.6	368.6	475.8	594.3	675.2	737.6	842.7	1040.1	1544.6	2891.8	4435.5
20°	311.1	406.8	526.2	648.5	727.2	789.0	924.6	1216.6	2249.4	3790.1	5400.7
17.5°	336.8	445.3	575.2	687.0	760.7	842.9	1010.9	1361.4	2837.8	4629.1	6432.0
15°	361.9	482.3	617.2	720.2	791.3	901.1	1126.9	1788.6	3460.0	5566.0	7534.7
12.5°	385.9	515.8	649.7	746.3	821.5	955.3	1222.2	2259.2	4208.0	6435.9	8493.3
10°	408.6	545.9	677.1	770.9	854.3	1013.2	1313.9	2720.0	4862.9	7001.2	9085.0
7.5°	431.9	571.0	700.2	794.4	886.0	1067.7	1415.0	3077.9	5351.9	7436.0	9542.1
5°	453.0	590.2	722.5	820.7	918.6	1116.1	1496.7	3351.5	5718.8	7795.3	9949.3
2.5°	471.4	605.4	741.4	845.5	950.3	1156.6	1520.2	3427.6	5891.2	7988.6	10349.8
0°	487.2	616.8	756.7	867.5	978.9	1189.5	1526.4	3414.3	5933.8	8047.2	10739.7
-2.5°	496.2	631.6	784.1	899.1	1004.5	1216.0	1558.7	3419.3	5969.9	8457.4	11241.1
-5°	502.4	642.6	806.6	927.1	1027.2	1234.7	1576.7	3341.6	5921.1	8673.3	11387.7
-7.5°	505.9	649.6	823.2	950.4	1047.8	1248.2	1586.8	3215.2	5923.8	8683.1	11203.4
-10°	507.8	656.2	830.9	963.5	1065.5	1254.8	1581.9	2998.1	5688.7	8448.1	10899.7
-12.5°	513.9	662.3	833.7	973.3	1079.6	1256.3	1589.1	2785.7	5247.5	8020.2	10465.5
-15°	516.3	663.9	832.1	981.3	1102.4	1271.6	1589.4	2455.7	4674.9	7477.2	9919.6
-17.5°	514.7	660.9	827.4	992.8	1123.5	1272.8	1553.3	2022.8	4020.8	6704.8	9200.7
-20°	509.1	654.0	817.0	998.5	1135.5	1283.4	1542.7	1952.6	3379.8	5739.1	8327.9



REPORT NUMBER: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	501.0	643.4	802.2	985.9	1149.2	1306.5	1528.3	1859.1	2626.0	4635.9	7247.3
-25°	491.2	631.6	786.3	971.4	1155.6	1321.3	1483.4	1734.3	2183.4	3692.0	5909.9
-27.5°	481.1	615.0	769.4	947.3	1151.8	1314.2	1457.0	1665.1	1982.4	2643.2	4516.5
-30°	468.2	595.0	744.5	916.1	1117.6	1292.5	1441.0	1575.6	1792.3	2189.4	3313.9
-32.5°	452.5	571.5	716.7	880.6	1066.2	1266.5	1403.8	1520.8	1685.9	1929.2	2390.6
-35°	434.7	550.8	685.9	835.7	1005.2	1201.2	1347.9	1471.7	1583.2	1770.5	2065.5
-37.5°	416.5	525.2	646.2	788.3	949.6	1109.7	1282.8	1406.1	1518.5	1636.0	1846.1
-40°	395.4	493.4	606.8	738.1	874.9	1020.2	1180.7	1335.2	1446.3	1568.8	1694.8
-42.5°	372.2	463.3	564.5	678.4	801.2	931.8	1074.3	1229.1	1377.9	1495.0	1610.8
-45°	353.5	430.6	519.5	621.0	726.7	842.9	972.8	1108.4	1266.4	1418.0	1525.2
-47.5°	330.9	398.2	480.1	560.6	656.3	759.9	870.9	999.3	1131.8	1281.1	1427.6
-50°	309.3	371.0	434.0	506.6	587.8	678.8	777.8	890.9	1013.3	1135.7	1268.6
-52.5°	294.5	341.7	395.4	452.6	523.6	601.7	689.3	785.3	892.7	999.6	1114.8
-55°	278.3	319.1	357.7	406.2	462.0	529.7	605.8	689.7	771.6	869.2	967.1
-57.5°	262.4	296.3	327.3	364.5	411.1	460.9	530.0	599.8	670.9	746.5	829.2
-60°	246.4	274.1	301.2	331.3	365.3	409.3	457.4	515.7	573.8	634.2	707.4
-62.5°	230.3	252.9	276.2	302.1	331.0	360.7	400.0	442.5	483.3	538.3	596.6
-65°	217.4	233.0	252.2	275.0	298.3	325.5	352.9	379.5	415.3	457.0	499.2
-67.5°	203.6	218.1	232.3	248.3	269.3	291.8	314.4	338.3	362.5	391.2	422.1
-70°	193.4	203.8	216.3	229.5	243.3	259.6	279.8	299.6	320.0	343.9	368.5
-72.5°	183.9	193.4	202.8	212.0	224.4	237.9	251.3	264.6	281.6	302.0	321.6
-75°	174.1	182.8	191.4	199.8	209.2	219.3	229.8	241.8	255.0	269.1	282.7
-77.5°	164.1	171.8	179.6	187.4	196.0	204.9	214.1	223.3	233.6	244.6	255.1
-80°	153.4	160.6	167.6	174.5	182.3	190.2	198.4	206.6	215.8	225.2	234.0
-82.5°	141.6	148.0	154.5	160.9	168.1	175.2	182.4	189.6	197.7	206.0	213.5
-85°	130.3	135.2	141.0	146.7	153.2	159.7	166.2	172.6	180.0	187.4	193.9
-87.5°	121.9	126.6	131.3	136.0	141.5	147.1	152.6	158.2	164.7	171.2	176.9
-90°	4.9	4.5	4.5	4.5	4.2	3.9	3.9	3.9	3.6	3.2	2.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	170.4	174.0	177.5	180.4	183.3	187.2	191.1	196.3	201.5	206.7	211.9
87.5°	3.1	2.9	2.6	2.6	2.5	2.5	2.6	2.2	1.9	1.9	1.9
85°	3.6	3.6	3.6	3.3	3.1	3.1	3.1	3.1	3.1	2.9	2.6
82.5°	3.9	3.9	3.9	3.6	3.2	3.2	3.2	3.2	3.2	2.9	2.6
80°	4.1	4.0	3.9	3.8	3.7	3.5	3.2	3.0	2.7	2.6	2.6
77.5°	4.6	4.4	4.2	4.1	3.9	3.6	3.3	2.9	2.6	2.6	2.6
75°	5.2	5.0	4.9	4.6	4.3	4.1	4.1	3.9	3.7	3.7	3.8
72.5°	6.3	6.2	6.1	6.3	6.3	6.5	6.8	7.0	7.3	7.9	8.5
70°	9.3	10.0	10.3	10.5	10.5	10.3	10.3	10.4	10.8	11.1	11.4
67.5°	13.7	14.7	15.2	15.5	14.5	13.9	13.9	14.2	14.7	15.6	16.9
65°	17.8	17.5	17.0	16.7	16.8	16.9	16.8	17.0	17.9	19.2	20.9
62.5°	20.9	18.1	16.4	15.6	16.2	17.2	16.5	15.9	16.7	17.5	18.3
60°	23.9	18.6	14.9	13.8	13.6	14.0	12.9	11.8	12.2	12.5	12.9
57.5°	26.8	20.0	13.9	11.8	9.9	8.9	8.6	8.3	8.1	7.9	7.9
55°	29.3	21.8	13.6	12.1	10.7	10.4	9.5	9.1	8.7	8.5	8.7
52.5°	32.5	28.0	22.3	20.7	23.4	23.5	20.8	24.7	27.7	29.1	29.6
50°	53.2	47.6	57.1	56.2	67.4	75.3	72.5	81.3	94.4	102.6	106.0
47.5°	116.8	117.0	135.8	152.5	166.4	184.4	198.3	211.7	230.4	242.0	247.2
45°	221.5	240.4	260.0	288.7	316.2	349.7	389.9	421.6	548.7	675.3	790.4
42.5°	339.1	359.8	388.6	451.0	525.2	697.0	1004.1	1175.6	1389.5	1622.4	1711.8
40°	436.9	467.0	546.1	721.9	1150.1	1557.8	2005.7	2384.3	2719.6	2912.4	3073.6
37.5°	557.8	629.5	989.9	1487.5	2019.9	2530.9	2992.1	3392.3	3739.6	4021.4	4300.3
35°	733.9	1209.9	1742.4	2389.5	2955.4	3428.7	3906.6	4365.2	4759.1	5180.0	5805.3
32.5°	1391.3	2013.4	2698.3	3278.3	3831.4	4428.7	4930.8	5664.6	6239.3	7006.5	8179.0
30°	2233.0	3013.9	3635.0	4215.1	4924.3	5728.0	6566.5	7688.8	8861.6	10084.9	11344.0
27.5°	3313.9	4102.7	4757.4	5531.2	6467.6	7537.2	9140.2	10722.2	12404.1	13934.0	15096.7
25°	4616.8	5452.0	6571.2	7694.0	9034.0	10861.8	12662.8	14601.1	16287.4	17788.7	19469.3
22.5°	5837.7	7206.9	8684.9	10379.9	12562.1	14623.6	16850.3	18811.8	20928.1	23067.9	24722.7
20°	6868.6	8652.3	10772.4	13215.9	15634.8	17970.0	20561.2	23687.9	26838.3	29652.9	31695.4
17.5°	8259.0	10518.0	13157.0	16061.5	18665.7	21559.5	25165.9	29228.4	33643.0	37549.0	40646.1
15°	9778.3	12416.2	15400.2	18443.4	21738.1	25615.8	30253.2	35441.4	40841.2	46318.3	51420.9
12.5°	10811.2	13901.7	17160.2	20778.8	24888.1	30087.2	35718.3	41469.6	47640.6	54455.3	60374.4
10°	11694.2	15122.8	19054.0	23263.1	27985.0	33573.9	39393.8	46379.5	54082.2	60793.1	67133.0
7.5°	12567.6	16596.4	20702.9	25085.4	30273.3	36343.5	43231.5	50744.5	58583.4	65877.7	71062.2
5°	13601.0	17780.8	21886.9	26516.4	31949.3	38263.4	45528.6	54156.0	62415.2	69120.1	73796.4
2.5°	14455.5	18491.3	22695.8	27277.8	32861.3	39453.9	47339.1	56926.7	65401.4	71670.7	75902.1
0°	14890.6	18946.3	23204.7	27860.9	33584.8	40311.6	48914.7	58986.4	66996.0	72787.6	77319.2
-2.5°	14943.6	18801.6	22981.6	27573.9	33168.2	40028.4	48848.0	59038.7	67411.1	73430.6	77901.5
-5°	14789.2	18611.1	22783.0	27378.2	32896.8	40042.6	48898.0	58697.1	66787.2	73022.4	77233.0
-7.5°	14416.7	18261.1	22440.8	26968.3	32400.2	39330.5	47589.7	56472.0	64793.5	71530.5	75414.7
-10°	13871.1	17648.4	21763.6	26097.7	31220.3	37627.8	45014.2	53146.0	61554.9	67996.4	72475.8
-12.5°	13180.9	16755.9	20689.8	24787.3	29623.7	35593.4	42177.6	48986.7	56035.7	63379.4	68044.9
-15°	12388.7	15655.3	19337.7	23457.2	28238.8	33213.8	38443.9	43991.4	50435.3	56442.3	61873.0
-17.5°	11636.9	14450.3	17886.1	21899.8	25971.5	30294.3	34776.6	39305.9	44473.2	49188.6	53406.8
-20°	10692.1	13087.7	16253.4	19819.7	23603.2	27348.8	31198.9	34868.3	38619.7	42457.7	45807.8



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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°	9578.6	11908.3	14549.5	17654.7	21287.0	24620.7	27704.2	30571.9	33578.7	36234.4	38991.4
-25°	8365.5	10605.5	13032.6	15863.4	18652.2	21674.4	24233.6	26672.4	29004.6	31090.0	33233.9
-27.5°	6875.8	9240.5	11633.1	13898.6	16200.0	18370.0	20756.1	23006.1	24951.1	26671.5	28370.7
-30°	5197.6	7707.5	9970.7	11914.1	13738.6	15548.5	17375.3	19263.3	21104.6	22671.2	24062.9
-32.5°	3834.9	5928.7	8020.6	9925.1	11521.9	13017.8	14438.4	15919.7	17207.6	18529.9	19817.0
-35°	2537.2	4017.1	5753.8	7689.9	9353.0	10611.4	11899.5	13080.5	14051.3	15076.5	16048.2
-37.5°	2135.3	2529.1	3690.9	5262.8	6803.0	8250.1	9534.7	10561.5	11455.0	12273.8	13113.0
-40°	1883.5	2108.2	2438.8	3009.9	4305.2	5578.2	6901.7	7993.0	8945.0	9729.9	10502.5
-42.5°	1718.3	1872.5	2037.2	2262.1	2483.8	3107.2	4193.6	5135.7	6028.4	6912.8	7708.9
-45°	1632.8	1719.3	1813.5	1935.7	2030.6	2199.6	2388.3	2565.6	3276.1	4044.0	4686.8
-47.5°	1530.1	1622.3	1692.7	1750.3	1796.4	1870.7	1949.1	2051.6	2216.1	2410.1	2558.2
-50°	1398.8	1510.8	1581.0	1638.9	1671.9	1700.6	1728.9	1793.2	1882.3	1988.0	2071.9
-52.5°	1229.1	1339.9	1439.4	1514.5	1551.1	1586.8	1622.3	1666.5	1717.2	1778.2	1822.0
-55°	1069.2	1161.8	1247.8	1317.9	1381.0	1438.5	1493.9	1540.6	1595.3	1653.4	1694.2
-57.5°	917.4	992.2	1062.8	1123.4	1178.1	1226.5	1283.0	1344.4	1414.4	1481.0	1527.9
-60°	775.6	835.0	893.7	942.9	987.4	1027.1	1079.4	1131.0	1192.3	1246.9	1286.6
-62.5°	648.6	700.5	744.0	781.1	814.7	847.9	891.9	935.0	985.4	1029.0	1062.0
-65°	538.9	582.2	612.8	640.5	664.7	693.0	727.0	761.6	801.2	835.1	862.2
-67.5°	454.3	483.7	502.9	519.9	540.1	562.6	588.3	615.9	646.7	672.3	693.1
-70°	390.4	408.7	420.3	433.0	447.7	463.3	480.8	501.5	525.0	545.0	562.2
-72.5°	339.8	353.8	363.4	373.2	382.1	392.7	404.4	420.0	437.2	452.9	467.4
-75°	295.9	305.9	314.8	323.4	331.1	340.2	349.5	362.6	376.7	389.6	401.8
-77.5°	266.4	274.1	280.1	285.8	291.4	298.9	306.7	317.2	328.2	338.9	349.2
-80°	242.7	248.7	253.8	258.0	261.8	268.2	274.8	283.4	292.2	301.4	310.5
-82.5°	220.9	226.1	230.9	234.9	238.6	244.3	250.3	258.0	265.8	273.4	281.0
-85°	200.4	205.1	209.7	213.5	217.2	221.9	226.5	233.2	239.9	246.9	253.7
-87.5°	182.6	187.0	191.5	194.5	197.4	201.6	205.7	211.4	217.1	223.1	229.0
-90°	2.6	2.6	2.6	2.3	1.9	1.9	1.9	1.6	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	214.5	217.0	218.3	219.6	218.3	217.0	214.5	211.9	206.7	201.5	196.3
87.5°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	1.9	1.9	2.2
85°	2.2	1.9	2.2	2.6	2.2	1.9	2.2	2.6	2.9	3.1	3.1
82.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.2
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	3.0
77.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9
75°	3.5	3.2	3.2	3.2	3.2	3.2	3.5	3.8	3.7	3.7	3.9
72.5°	8.8	8.9	9.3	9.7	9.3	8.9	8.8	8.5	7.9	7.3	7.0
70°	11.5	11.6	11.7	11.7	11.7	11.6	11.5	11.4	11.1	10.8	10.4
67.5°	17.6	17.9	18.6	19.4	18.6	17.9	17.6	16.9	15.6	14.7	14.2
65°	22.1	23.0	23.3	23.3	23.3	23.0	22.1	20.9	19.2	17.9	17.0
62.5°	19.1	20.0	20.1	20.1	20.1	20.0	19.1	18.3	17.5	16.7	15.9
60°	13.3	13.7	14.0	14.3	14.0	13.7	13.3	12.9	12.5	12.2	11.8
57.5°	8.0	8.4	8.5	8.4	8.5	8.4	8.0	7.9	7.9	8.1	8.3
55°	8.9	9.0	8.8	8.4	8.8	9.0	8.9	8.7	8.5	8.7	9.1
52.5°	28.8	27.4	25.9	24.6	25.9	27.4	28.8	29.6	29.1	27.7	24.7
50°	105.0	103.2	100.7	97.8	100.7	103.2	105.0	106.0	102.6	94.4	81.3
47.5°	251.9	252.5	250.0	245.5	250.0	252.5	251.9	247.2	242.0	230.4	211.7
45°	890.8	939.2	965.3	983.5	965.3	939.2	890.8	790.4	675.3	548.7	421.6
42.5°	1790.0	1858.0	1909.6	1920.3	1909.6	1858.0	1790.0	1711.8	1622.4	1389.5	1175.6
40°	3264.8	3276.1	3086.6	2800.7	3086.6	3276.1	3264.8	3073.6	2912.4	2719.6	2384.3
37.5°	4632.6	5110.6	5665.9	5949.4	5665.9	5110.6	4632.6	4300.3	4021.4	3739.6	3392.3
35°	6648.9	7368.0	7601.3	7607.3	7601.3	7368.0	6648.9	5805.3	5180.0	4759.1	4365.2
32.5°	9236.4	9821.0	10133.2	10048.4	10133.2	9821.0	9236.4	8179.0	7006.5	6239.3	5664.6
30°	12077.7	12586.3	12590.4	12420.3	12590.4	12586.3	12077.7	11344.0	10084.9	8861.6	7688.8
27.5°	16300.2	17375.0	18131.4	18335.3	18131.4	17375.0	16300.2	15096.7	13934.0	12404.1	10722.2
25°	20983.7	22164.8	22891.0	23155.5	22891.0	22164.8	20983.7	19469.3	17788.7	16287.4	14601.1
22.5°	26263.0	27411.3	27935.4	28209.5	27935.4	27411.3	26263.0	24722.7	23067.9	20928.1	18811.8
20°	33642.3	35275.1	35890.5	36153.6	35890.5	35275.1	33642.3	31695.4	29652.9	26838.3	23687.9
17.5°	43864.1	47088.7	49105.0	50140.4	49105.0	47088.7	43864.1	40646.1	37549.0	33643.0	29228.4
15°	55197.3	58471.0	60623.9	61914.8	60623.9	58471.0	55197.3	51420.9	46318.3	40841.2	35441.4
12.5°	64919.8	67838.1	69917.6	71153.8	69917.6	67838.1	64919.8	60374.4	54455.3	47640.6	41469.6
10°	71157.1	73659.9	75817.2	76870.8	75817.2	73659.9	71157.1	67133.0	60793.1	54082.2	46379.5
7.5°	74682.3	77592.4	78761.8	79482.4	78761.8	77592.4	74682.3	71062.2	65877.7	58583.4	50744.5
5°	77414.3	79714.0	80793.6	81320.4	80793.6	79714.0	77414.3	73796.4	69120.1	62415.2	54156.0
2.5°	79238.2	81234.6	81998.0	82423.1	81998.0	81234.6	79238.2	75902.1	71670.7	65401.4	56926.7
0°	80113.4	81585.4	82441.2	82024.0	82441.2	81585.4	80113.4	77319.2	72787.6	66996.0	58986.4
-2.5°	80119.5	81518.7	82154.9	81845.2	82154.9	81518.7	80119.5	77901.5	73430.6	67411.1	59038.7
-5°	79434.0	80478.3	81253.1	81004.9	81253.1	80478.3	79434.0	77233.0	73022.4	66787.2	58697.1
-7.5°	77585.6	78973.4	79540.9	79568.5	79540.9	78973.4	77585.6	75414.7	71530.5	64793.5	56472.0
-10°	75042.6	76581.3	77185.5	77247.2	77185.5	76581.3	75042.6	72475.8	67996.4	61554.9	53146.0
-12.5°	71263.2	73068.2	73937.8	74092.8	73937.8	73068.2	71263.2	68044.9	63379.4	56035.7	48986.7
-15°	65396.2	67829.0	69202.2	69684.0	69202.2	67829.0	65396.2	61873.0	56442.3	50435.3	43991.4
-17.5°	57420.2	60326.9	62039.2	62643.0	62039.2	60326.9	57420.2	53406.8	49188.6	44473.2	39305.9
-20°	49100.5	51255.4	52575.4	53119.3	52575.4	51255.4	49100.5	45807.8	42457.7	38619.7	34868.3



REPORT NUMBER: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	41532.9	43270.3	44251.1	44686.7	44251.1	43270.3	41532.9	38991.4	36234.4	33578.7	30571.9
-25°	34969.5	36432.8	36935.7	37219.4	36935.7	36432.8	34969.5	33233.9	31090.0	29004.6	26672.4
-27.5°	29606.7	30767.5	31038.4	31288.8	31038.4	30767.5	29606.7	28370.7	26671.5	24951.1	23006.1
-30°	25087.9	26098.0	26236.2	26513.4	26236.2	26098.0	25087.9	24062.9	22671.2	21104.6	19263.3
-32.5°	20861.9	21761.4	22106.1	22159.0	22106.1	21761.4	20861.9	19817.0	18529.9	17207.6	15919.7
-35°	16815.3	17408.1	17642.7	17657.0	17642.7	17408.1	16815.3	16048.2	15076.5	14051.3	13080.5
-37.5°	13633.6	14011.6	14283.2	14208.4	14283.2	14011.6	13633.6	13113.0	12273.8	11455.0	10561.5
-40°	10935.5	11315.7	11564.0	11503.5	11564.0	11315.7	10935.5	10502.5	9729.9	8945.0	7993.0
-42.5°	8148.0	8566.1	8800.8	8735.9	8800.8	8566.1	8148.0	7708.9	6912.8	6028.4	5135.7
-45°	5053.2	5421.8	5594.7	5489.4	5594.7	5421.8	5053.2	4686.8	4044.0	3276.1	2565.6
-47.5°	2636.2	2720.1	2746.9	2709.4	2746.9	2720.1	2636.2	2558.2	2410.1	2216.1	2051.6
-50°	2137.4	2190.0	2212.7	2206.0	2212.7	2190.0	2137.4	2071.9	1988.0	1882.3	1793.2
-52.5°	1856.5	1880.8	1888.8	1884.0	1888.8	1880.8	1856.5	1822.0	1778.2	1717.2	1666.5
-55°	1728.7	1752.9	1761.2	1758.3	1761.2	1752.9	1728.7	1694.2	1653.4	1595.3	1540.6
-57.5°	1566.8	1596.4	1614.8	1624.2	1614.8	1596.4	1566.8	1527.9	1481.0	1414.4	1344.4
-60°	1318.6	1342.3	1349.1	1345.6	1349.1	1342.3	1318.6	1286.6	1246.9	1192.3	1131.0
-62.5°	1088.0	1107.5	1122.0	1131.8	1122.0	1107.5	1088.0	1062.0	1029.0	985.4	935.0
-65°	882.1	896.1	899.1	896.6	899.1	896.1	882.1	862.2	835.1	801.2	761.6
-67.5°	707.6	718.1	719.5	717.2	719.5	718.1	707.6	693.1	672.3	646.7	615.9
-70°	573.7	582.5	583.7	582.4	583.7	582.5	573.7	562.2	545.0	525.0	501.5
-72.5°	475.8	482.3	487.2	491.1	487.2	482.3	475.8	467.4	452.9	437.2	420.0
-75°	407.9	412.5	413.7	414.0	413.7	412.5	407.9	401.8	389.6	376.7	362.6
-77.5°	354.6	359.2	362.5	365.4	362.5	359.2	354.6	349.2	338.9	328.2	317.2
-80°	314.7	318.2	320.9	323.3	320.9	318.2	314.7	310.5	301.4	292.2	283.4
-82.5°	284.9	288.5	290.7	292.8	290.7	288.5	284.9	281.0	273.4	265.8	258.0
-85°	256.7	259.6	261.7	263.7	261.7	259.6	256.7	253.7	246.9	239.9	233.2
-87.5°	231.7	234.4	235.8	237.1	235.8	234.4	231.7	229.0	223.1	217.1	211.4
-90°	1.0	0.6	0.6	0.6	0.6	0.6	1.0	1.3	1.3	1.3	1.6



REPORT NUMBER: P1306128 (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°
90°	191.1	187.2	183.3	180.4	177.5	174.0	170.4	164.9	159.4	153.6	147.7
87.5°	2.6	2.5	2.5	2.6	2.6	2.9	3.1	3.1	3.2	3.6	3.9
85°	3.1	3.1	3.1	3.3	3.6	3.6	3.6	3.6	3.6	3.9	4.2
82.5°	3.2	3.2	3.2	3.6	3.9	3.9	3.9	4.0	4.1	4.3	4.5
80°	3.2	3.5	3.7	3.8	3.9	4.0	4.1	4.3	4.5	4.5	4.6
77.5°	3.3	3.6	3.9	4.1	4.2	4.4	4.6	4.5	4.6	4.8	5.0
75°	4.1	4.1	4.3	4.6	4.9	5.0	5.2	5.3	5.3	5.3	5.5
72.5°	6.8	6.5	6.3	6.3	6.1	6.2	6.3	6.3	6.3	6.1	5.9
70°	10.3	10.3	10.5	10.5	10.3	10.0	9.3	8.6	7.9	7.8	7.3
67.5°	13.9	13.9	14.5	15.5	15.2	14.7	13.7	12.6	11.7	10.9	9.4
65°	16.8	16.9	16.8	16.7	17.0	17.5	17.8	16.9	17.0	15.5	12.4
62.5°	16.5	17.2	16.2	15.6	16.4	18.1	20.9	22.3	23.6	22.2	18.6
60°	12.9	14.0	13.6	13.8	14.9	18.6	23.9	27.9	31.3	29.1	24.9
57.5°	8.6	8.9	9.9	11.8	13.9	20.0	26.8	32.9	37.4	34.7	31.1
55°	9.5	10.4	10.7	12.1	13.6	21.8	29.3	35.8	40.4	39.2	35.5
52.5°	20.8	23.5	23.4	20.7	22.3	28.0	32.5	39.8	43.8	43.8	40.7
50°	72.5	75.3	67.4	56.2	57.1	47.6	53.2	54.5	53.0	53.4	48.8
47.5°	198.3	184.4	166.4	152.5	135.8	117.0	116.8	95.3	92.4	74.6	71.4
45°	389.9	349.7	316.2	288.7	260.0	240.4	221.5	210.1	166.4	149.9	107.7
42.5°	1004.1	697.0	525.2	451.0	388.6	359.8	339.1	325.1	305.4	253.8	212.7
40°	2005.7	1557.8	1150.1	721.9	546.1	467.0	436.9	404.2	400.7	374.0	320.1
37.5°	2992.1	2530.9	2019.9	1487.5	989.9	629.5	557.8	508.6	472.4	462.5	423.6
35°	3906.6	3428.7	2955.4	2389.5	1742.4	1209.9	733.9	646.8	577.1	536.2	512.8
32.5°	4930.8	4428.7	3831.4	3278.3	2698.3	2013.4	1391.3	861.9	707.8	636.9	582.1
30°	6566.5	5728.0	4924.3	4215.1	3635.0	3013.9	2233.0	1441.1	912.6	741.3	655.4
27.5°	9140.2	7537.2	6467.6	5531.2	4757.4	4102.7	3313.9	2260.1	1257.8	904.7	751.2
25°	12662.8	10861.8	9034.0	7694.0	6571.2	5452.0	4616.8	3341.8	2057.3	1099.0	858.2
22.5°	16850.3	14623.6	12562.1	10379.9	8684.9	7206.9	5837.7	4435.5	2891.8	1544.6	1040.1
20°	20561.2	17970.0	15634.8	13215.9	10772.4	8652.3	6868.6	5400.7	3790.1	2249.4	1216.6
17.5°	25165.9	21559.5	18665.7	16061.5	13157.0	10518.0	8259.0	6432.0	4629.1	2837.8	1361.4
15°	30253.2	25615.8	21738.1	18443.4	15400.2	12416.2	9778.3	7534.7	5566.0	3460.0	1788.6
12.5°	35718.3	30087.2	24888.1	20778.8	17160.2	13901.7	10811.2	8493.3	6435.9	4208.0	2259.2
10°	39393.8	33573.9	27985.0	23263.1	19054.0	15122.8	11694.2	9085.0	7001.2	4862.9	2720.0
7.5°	43231.5	36343.5	30273.3	25085.4	20702.9	16596.4	12567.6	9542.1	7436.0	5351.9	3077.9
5°	45528.6	38263.4	31949.3	26516.4	21886.9	17780.8	13601.0	9949.3	7795.3	5718.8	3351.5
2.5°	47339.1	39453.9	32861.3	27277.8	22695.8	18491.3	14455.5	10349.8	7988.6	5891.2	3427.6
0°	48914.7	40311.6	33584.8	27860.9	23204.7	18946.3	14890.6	10739.7	8047.2	5933.8	3414.3
-2.5°	48848.0	40028.4	33168.2	27573.9	22981.6	18801.6	14943.6	11241.1	8457.4	5969.9	3419.3
-5°	48898.0	40042.6	32896.8	27378.2	22783.0	18611.1	14789.2	11387.7	8673.3	5921.1	3341.6
-7.5°	47589.7	39330.5	32400.2	26968.3	22440.8	18261.1	14416.7	11203.4	8683.1	5923.8	3215.2
-10°	45014.2	37627.8	31220.3	26097.7	21763.6	17648.4	13871.1	10899.7	8448.1	5688.7	2998.1
-12.5°	42177.6	35593.4	29623.7	24787.3	20689.8	16755.9	13180.9	10465.5	8020.2	5247.5	2785.7
-15°	38443.9	33213.8	28238.8	23457.2	19337.7	15655.3	12388.7	9919.6	7477.2	4674.9	2455.7
-17.5°	34776.6	30294.3	25971.5	21899.8	17886.1	14450.3	11636.9	9200.7	6704.8	4020.8	2022.8
-20°	31198.9	27348.8	23603.2	19819.7	16253.4	13087.7	10692.1	8327.9	5739.1	3379.8	1952.6



REPORT NUMBER: P1306128 (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°	27704.2	24620.7	21287.0	17654.7	14549.5	11908.3	9578.6	7247.3	4635.9	2626.0	1859.1
-25°	24233.6	21674.4	18652.2	15863.4	13032.6	10605.5	8365.5	5909.9	3692.0	2183.4	1734.3
-27.5°	20756.1	18370.0	16200.0	13898.6	11633.1	9240.5	6875.8	4516.5	2643.2	1982.4	1665.1
-30°	17375.3	15548.5	13738.6	11914.1	9970.7	7707.5	5197.6	3313.9	2189.4	1792.3	1575.6
-32.5°	14438.4	13017.8	11521.9	9925.1	8020.6	5928.7	3834.9	2390.6	1929.2	1685.9	1520.8
-35°	11899.5	10611.4	9353.0	7689.9	5753.8	4017.1	2537.2	2065.5	1770.5	1583.2	1471.7
-37.5°	9534.7	8250.1	6803.0	5262.8	3690.9	2529.1	2135.3	1846.1	1636.0	1518.5	1406.1
-40°	6901.7	5578.2	4305.2	3009.9	2438.8	2108.2	1883.5	1694.8	1568.8	1446.3	1335.2
-42.5°	4193.6	3107.2	2483.8	2262.1	2037.2	1872.5	1718.3	1610.8	1495.0	1377.9	1229.1
-45°	2388.3	2199.6	2030.6	1935.7	1813.5	1719.3	1632.8	1525.2	1418.0	1266.4	1108.4
-47.5°	1949.1	1870.7	1796.4	1750.3	1692.7	1622.3	1530.1	1427.6	1281.1	1131.8	999.3
-50°	1728.9	1700.6	1671.9	1638.9	1581.0	1510.8	1398.8	1268.6	1135.7	1013.3	890.9
-52.5°	1622.3	1586.8	1551.1	1514.5	1439.4	1339.9	1229.1	1114.8	999.6	892.7	785.3
-55°	1493.9	1438.5	1381.0	1317.9	1247.8	1161.8	1069.2	967.1	869.2	771.6	689.7
-57.5°	1283.0	1226.5	1178.1	1123.4	1062.8	992.2	917.4	829.2	746.5	670.9	599.8
-60°	1079.4	1027.1	987.4	942.9	893.7	835.0	775.6	707.4	634.2	573.8	515.7
-62.5°	891.9	847.9	814.7	781.1	744.0	700.5	648.6	596.6	538.3	483.3	442.5
-65°	727.0	693.0	664.7	640.5	612.8	582.2	538.9	499.2	457.0	415.3	379.5
-67.5°	588.3	562.6	540.1	519.9	502.9	483.7	454.3	422.1	391.2	362.5	338.3
-70°	480.8	463.3	447.7	433.0	420.3	408.7	390.4	368.5	343.9	320.0	299.6
-72.5°	404.4	392.7	382.1	373.2	363.4	353.8	339.8	321.6	302.0	281.6	264.6
-75°	349.5	340.2	331.1	323.4	314.8	305.9	295.9	282.7	269.1	255.0	241.8
-77.5°	306.7	298.9	291.4	285.8	280.1	274.1	266.4	255.1	244.6	233.6	223.3
-80°	274.8	268.2	261.8	258.0	253.8	248.7	242.7	234.0	225.2	215.8	206.6
-82.5°	250.3	244.3	238.6	234.9	230.9	226.1	220.9	213.5	206.0	197.7	189.6
-85°	226.5	221.9	217.2	213.5	209.7	205.1	200.4	193.9	187.4	180.0	172.6
-87.5°	205.7	201.6	197.4	194.5	191.5	187.0	182.6	176.9	171.2	164.7	158.2
-90°	1.9	1.9	1.9	2.3	2.6	2.6	2.6	2.9	3.2	3.6	3.9



REPORT NUMBER: P1306128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	142.2	136.7	131.5	126.3	122.1	117.9	113.4	108.8	101.4	93.9	83.6
87.5°	4.1	4.3	4.6	4.9	4.9	4.9	5.2	5.5	5.6	5.6	5.9
85°	4.4	4.7	4.9	5.2	5.2	5.2	5.5	5.7	5.9	6.1	6.3
82.5°	4.9	5.2	5.1	5.2	5.6	5.9	5.9	6.0	6.3	6.5	6.7
80°	4.9	5.2	5.3	5.5	6.0	6.5	6.3	6.4	6.7	7.0	7.1
77.5°	5.2	5.4	5.6	5.8	6.2	6.5	6.6	6.7	7.2	7.5	7.5
75°	5.6	5.7	5.7	6.0	6.4	6.6	6.8	7.0	7.5	7.9	7.9
72.5°	6.1	6.1	6.0	6.1	6.6	7.0	7.1	7.3	7.8	8.2	8.3
70°	6.9	6.6	6.4	6.6	7.0	7.4	7.7	7.9	8.1	8.6	8.8
67.5°	7.8	7.4	7.0	7.2	7.5	8.1	8.4	8.7	8.8	9.0	9.3
65°	10.7	9.4	7.8	8.2	8.3	8.9	9.3	9.6	9.6	9.9	9.9
62.5°	15.0	12.7	11.3	9.9	9.7	10.6	10.5	11.2	10.7	10.8	10.7
60°	20.5	16.9	15.2	13.7	12.9	12.8	13.2	13.0	12.8	11.8	11.7
57.5°	25.7	20.9	20.3	18.3	17.8	16.8	16.9	16.6	15.6	14.6	12.8
55°	30.4	26.2	26.3	24.9	24.3	22.4	22.2	21.3	19.3	18.1	14.2
52.5°	35.2	33.7	33.2	33.7	33.2	29.8	29.5	26.7	25.1	22.0	17.8
50°	42.7	44.1	42.6	45.1	43.7	41.6	37.4	34.5	31.3	26.7	21.8
47.5°	62.0	63.1	58.2	60.1	57.9	54.8	49.3	43.2	37.9	32.8	25.9
45°	107.7	92.7	86.8	81.3	76.3	72.1	63.2	52.4	46.3	38.9	30.0
42.5°	170.5	149.9	133.7	105.7	103.7	92.3	78.9	66.4	55.1	45.3	35.0
40°	268.8	230.6	195.2	164.3	137.9	114.6	99.8	81.8	64.2	52.4	40.8
37.5°	373.5	325.1	278.6	231.0	183.2	150.7	122.8	98.2	75.1	60.6	46.6
35°	466.7	423.6	359.4	304.0	249.1	188.4	147.6	117.1	89.8	69.1	52.5
32.5°	546.8	505.5	435.6	374.0	302.6	227.1	178.8	138.6	104.9	77.7	58.7
30°	611.1	564.1	505.5	429.7	347.2	270.8	211.3	159.7	120.2	86.5	65.3
27.5°	673.8	620.6	567.1	480.6	388.7	308.4	238.5	180.3	135.7	96.4	72.4
25°	748.9	679.6	620.8	536.0	429.3	338.7	262.8	200.6	152.3	107.9	79.2
22.5°	842.7	737.6	675.2	594.3	475.8	368.6	286.6	222.0	166.6	118.8	85.8
20°	924.6	789.0	727.2	648.5	526.2	406.8	311.1	240.0	180.2	128.9	92.1
17.5°	1010.9	842.9	760.7	687.0	575.2	445.3	336.8	256.9	192.9	138.4	98.0
15°	1126.9	901.1	791.3	720.2	617.2	482.3	361.9	272.9	204.7	147.2	103.7
12.5°	1222.2	955.3	821.5	746.3	649.7	515.8	385.9	287.9	215.6	156.0	109.4
10°	1313.9	1013.2	854.3	770.9	677.1	545.9	408.6	303.8	228.5	164.8	114.8
7.5°	1415.0	1067.7	886.0	794.4	700.2	571.0	431.9	322.8	241.0	172.9	119.7
5°	1496.7	1116.1	918.6	820.7	722.5	590.2	453.0	340.7	252.5	180.2	124.3
2.5°	1520.2	1156.6	950.3	845.5	741.4	605.4	471.4	357.2	263.0	186.7	128.5
0°	1526.4	1189.5	978.9	867.5	756.7	616.8	487.2	371.9	272.1	192.4	132.2
-2.5°	1558.7	1216.0	1004.5	899.1	784.1	631.6	496.2	379.5	279.8	199.0	137.6
-5°	1576.7	1234.7	1027.2	927.1	806.6	642.6	502.4	385.1	286.1	204.6	142.4
-7.5°	1586.8	1248.2	1047.8	950.4	823.2	649.6	505.9	388.7	290.8	209.1	146.8
-10°	1581.9	1254.8	1065.5	963.5	830.9	656.2	507.8	390.5	294.0	212.6	150.5
-12.5°	1589.1	1256.3	1079.6	973.3	833.7	662.3	513.9	393.2	295.6	215.0	153.7
-15°	1589.4	1271.6	1102.4	981.3	832.1	663.9	516.3	394.6	296.1	216.3	156.2
-17.5°	1553.3	1272.8	1123.5	992.8	827.4	660.9	514.7	393.0	294.9	216.6	158.4
-20°	1542.7	1283.4	1135.5	998.5	817.0	654.0	509.1	388.1	291.8	215.8	160.3



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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°	1528.3	1306.5	1149.2	985.9	802.2	643.4	501.0	380.4	287.0	213.8	161.6
-25°	1483.4	1321.3	1155.6	971.4	786.3	631.6	491.2	373.6	280.4	210.8	162.2
-27.5°	1457.0	1314.2	1151.8	947.3	769.4	615.0	481.1	368.5	275.9	206.6	162.4
-30°	1441.0	1292.5	1117.6	916.1	744.5	595.0	468.2	360.8	272.3	204.9	161.9
-32.5°	1403.8	1266.5	1066.2	880.6	716.7	571.5	452.5	350.0	266.8	204.7	161.5
-35°	1347.9	1201.2	1005.2	835.7	685.9	550.8	434.7	336.2	259.5	203.6	160.9
-37.5°	1282.8	1109.7	949.6	788.3	646.2	525.2	416.5	323.7	250.3	201.4	159.9
-40°	1180.7	1020.2	874.9	738.1	606.8	493.4	395.4	311.7	244.7	198.2	158.3
-42.5°	1074.3	931.8	801.2	678.4	564.5	463.3	372.2	297.6	240.1	195.1	156.0
-45°	972.8	842.9	726.7	621.0	519.5	430.6	353.5	282.8	234.2	191.6	153.7
-47.5°	870.9	759.9	656.3	560.6	480.1	398.2	330.9	274.5	227.0	187.3	151.9
-50°	777.8	678.8	587.8	506.6	434.0	371.0	309.3	264.7	220.6	181.9	149.5
-52.5°	689.3	601.7	523.6	452.6	395.4	341.7	294.5	252.9	212.9	177.3	146.6
-55°	605.8	529.7	462.0	406.2	357.7	319.1	278.3	241.0	204.0	172.7	143.4
-57.5°	530.0	460.9	411.1	364.5	327.3	296.3	262.4	228.0	197.1	167.6	141.8
-60°	457.4	409.3	365.3	331.3	301.2	274.1	246.4	215.6	190.3	162.4	139.6
-62.5°	400.0	360.7	331.0	302.1	276.2	252.9	230.3	205.8	182.4	159.1	136.9
-65°	352.9	325.5	298.3	275.0	252.2	233.0	217.4	195.3	176.2	155.3	133.7
-67.5°	314.4	291.8	269.3	248.3	232.3	218.1	203.6	187.1	170.4	151.1	129.8
-70°	279.8	259.6	243.3	229.5	216.3	203.8	193.4	179.8	164.2	146.0	125.6
-72.5°	251.3	237.9	224.4	212.0	202.8	193.4	183.9	172.0	157.1	140.5	121.1
-75°	229.8	219.3	209.2	199.8	191.4	182.8	174.1	163.7	149.7	134.6	115.8
-77.5°	214.1	204.9	196.0	187.4	179.6	171.8	164.1	155.2	141.8	127.6	110.1
-80°	198.4	190.2	182.3	174.5	167.6	160.6	153.4	145.3	132.9	120.2	104.0
-82.5°	182.4	175.2	168.1	160.9	154.5	148.0	141.6	134.7	123.7	112.5	98.4
-85°	166.2	159.7	153.2	146.7	141.0	135.2	130.3	125.0	115.8	106.4	93.6
-87.5°	152.6	147.1	141.5	136.0	131.3	126.6	121.9	117.0	108.6	100.3	88.7
-90°	3.9	3.9	4.2	4.5	4.5	4.5	4.9	5.2	5.2	5.2	5.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	73.2	60.5	47.9	34.3	20.7	13.9	7.1
87.5°	6.1	6.1	6.0	6.0	6.0	6.6	7.1
85°	6.5	6.4	6.3	6.2	6.2	6.7	7.1
82.5°	6.8	6.6	6.5	6.4	6.3	6.9	7.1
80°	7.1	6.9	6.7	6.7	6.5	7.0	7.1
77.5°	7.5	7.2	6.9	6.9	6.7	7.2	7.1
75°	7.9	7.7	7.2	7.1	6.9	7.3	7.1
72.5°	8.3	8.1	7.7	7.3	7.1	7.5	7.1
70°	8.7	8.6	8.1	7.6	7.4	7.6	7.1
67.5°	9.3	9.1	8.6	8.0	7.6	7.8	7.1
65°	9.9	9.6	9.1	8.3	7.8	8.0	7.1
62.5°	10.5	10.1	9.6	8.7	8.1	8.1	7.1
60°	11.1	10.7	10.0	9.1	8.3	8.3	7.1
57.5°	12.3	11.2	10.7	9.5	8.7	8.4	7.1
55°	13.7	11.8	11.4	9.8	9.2	8.6	7.1
52.5°	15.3	12.6	12.1	10.2	9.6	8.8	7.1
50°	16.9	14.3	12.9	10.6	10.1	8.9	7.1
47.5°	19.0	16.2	13.8	11.0	10.7	9.1	7.1
45°	22.6	18.2	14.7	11.7	11.2	9.2	7.1
42.5°	26.2	20.3	15.7	12.4	11.8	9.4	7.1
40°	30.0	22.5	17.1	13.5	12.4	9.6	7.1
37.5°	34.1	24.7	18.8	14.8	13.0	9.7	7.1
35°	38.3	27.7	20.5	16.1	13.6	9.9	7.1
32.5°	42.8	31.0	22.3	17.5	14.3	10.0	7.1
30°	48.0	34.3	24.0	18.9	14.9	10.2	7.1
27.5°	53.1	37.6	26.4	20.3	15.6	10.3	7.1
25°	58.0	40.7	28.8	21.7	16.3	10.5	7.1
22.5°	62.9	44.0	31.1	23.1	17.0	10.6	7.1
20°	67.5	47.5	33.5	24.5	17.7	10.8	7.1
17.5°	72.2	50.9	35.7	25.9	18.4	10.9	7.1
15°	76.7	54.1	37.9	27.3	19.1	11.0	7.1
12.5°	80.9	57.2	40.0	28.7	19.7	11.2	7.1
10°	84.9	60.1	42.0	30.1	20.4	11.3	7.1
7.5°	88.6	62.9	43.9	31.4	21.0	11.4	7.1
5°	92.0	65.4	45.8	32.6	21.6	11.5	7.1
2.5°	95.0	67.8	47.6	33.9	22.2	11.6	7.1
0°	97.8	70.0	49.2	35.0	22.7	11.7	7.1
-2.5°	102.0	73.2	51.5	36.5	23.7	12.1	7.1
-5°	105.8	76.2	53.7	38.0	24.6	12.6	7.1
-7.5°	109.3	78.9	55.7	39.4	25.5	13.0	7.1
-10°	112.3	81.4	57.6	40.7	26.3	13.4	7.1
-12.5°	115.0	83.7	59.4	41.9	27.1	13.8	7.1
-15°	117.3	85.6	61.0	43.1	27.8	14.2	7.1
-17.5°	119.1	87.3	62.4	44.1	28.5	14.6	7.1
-20°	120.7	88.6	63.7	45.0	29.1	14.9	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.4	89.7	64.8	45.8	29.6	15.2	7.1
-25°	123.6	90.9	65.7	46.6	30.1	15.5	7.1
-27.5°	124.3	92.1	66.4	47.2	30.5	15.8	7.1
-30°	124.6	93.0	67.0	47.7	30.8	16.0	7.1
-32.5°	124.3	93.6	68.1	48.1	31.1	16.2	7.1
-35°	124.4	93.9	69.1	48.4	31.3	16.4	7.1
-37.5°	124.4	94.2	69.8	48.6	31.5	16.6	7.1
-40°	123.9	94.9	70.4	48.7	31.6	16.7	7.1
-42.5°	123.2	95.4	70.9	48.8	31.6	16.9	7.1
-45°	122.2	95.6	71.3	49.1	31.5	16.9	7.1
-47.5°	120.6	95.6	71.4	49.2	31.3	17.0	7.1
-50°	120.1	95.4	71.3	49.2	31.1	17.0	7.1
-52.5°	119.5	94.9	71.0	49.1	30.9	17.0	7.1
-55°	118.5	94.1	70.4	48.9	30.5	17.0	7.1
-57.5°	117.2	92.9	69.6	48.5	30.1	16.9	7.1
-60°	115.6	91.5	68.6	48.0	29.6	16.8	7.1
-62.5°	113.4	89.8	67.6	47.4	29.2	16.7	7.1
-65°	110.9	87.9	66.5	46.6	28.8	16.6	7.1
-67.5°	108.1	85.8	65.1	45.7	28.2	16.4	7.1
-70°	105.0	83.4	63.6	44.7	27.6	16.2	7.1
-72.5°	101.3	80.9	61.9	43.7	26.9	16.0	7.1
-75°	97.3	78.0	60.0	42.6	26.2	15.7	7.1
-77.5°	92.9	74.9	58.3	41.5	25.4	15.5	7.1
-80°	88.3	72.1	56.5	40.2	24.5	15.2	7.1
-82.5°	84.6	69.5	54.5	38.9	23.6	14.9	7.1
-85°	81.0	66.6	52.4	37.4	22.7	14.6	7.1
-87.5°	77.2	63.6	50.2	35.9	21.7	14.2	7.1
-90°	5.8	5.8	5.8	5.8	5.8	6.5	7.1

(END OF REPORT)