

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: P1305852 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-5S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305852 (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-08-680R-57-70-5S-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

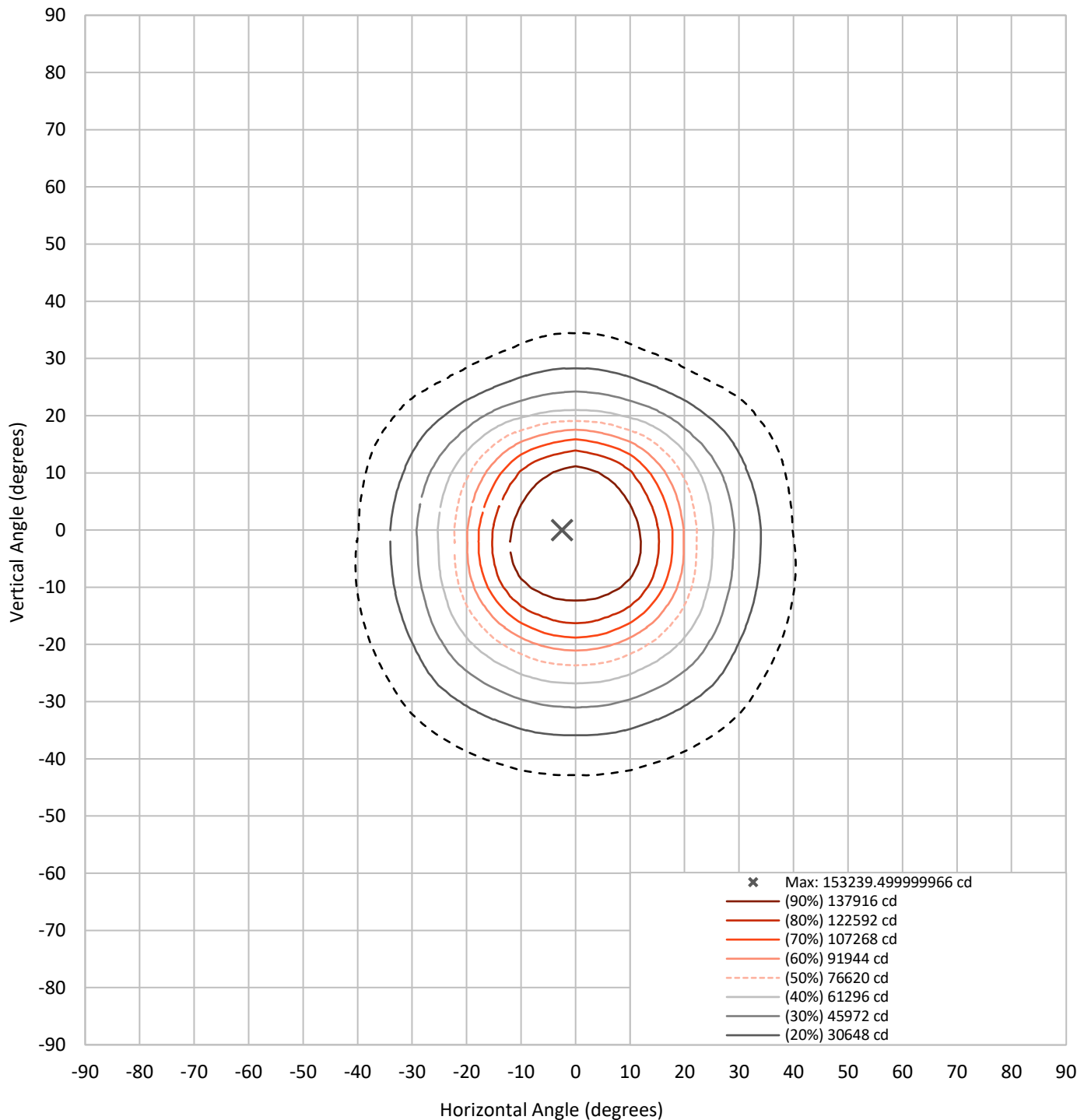
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	99779.7 lumens	Max Intensity:	153239.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	145.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	54788.5 lumens	Field Lumens:	91685.3 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%

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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CATALOG NUMBER: EPH-08-680R-57-70-5S-VHE-A

Iso-Candela Plot





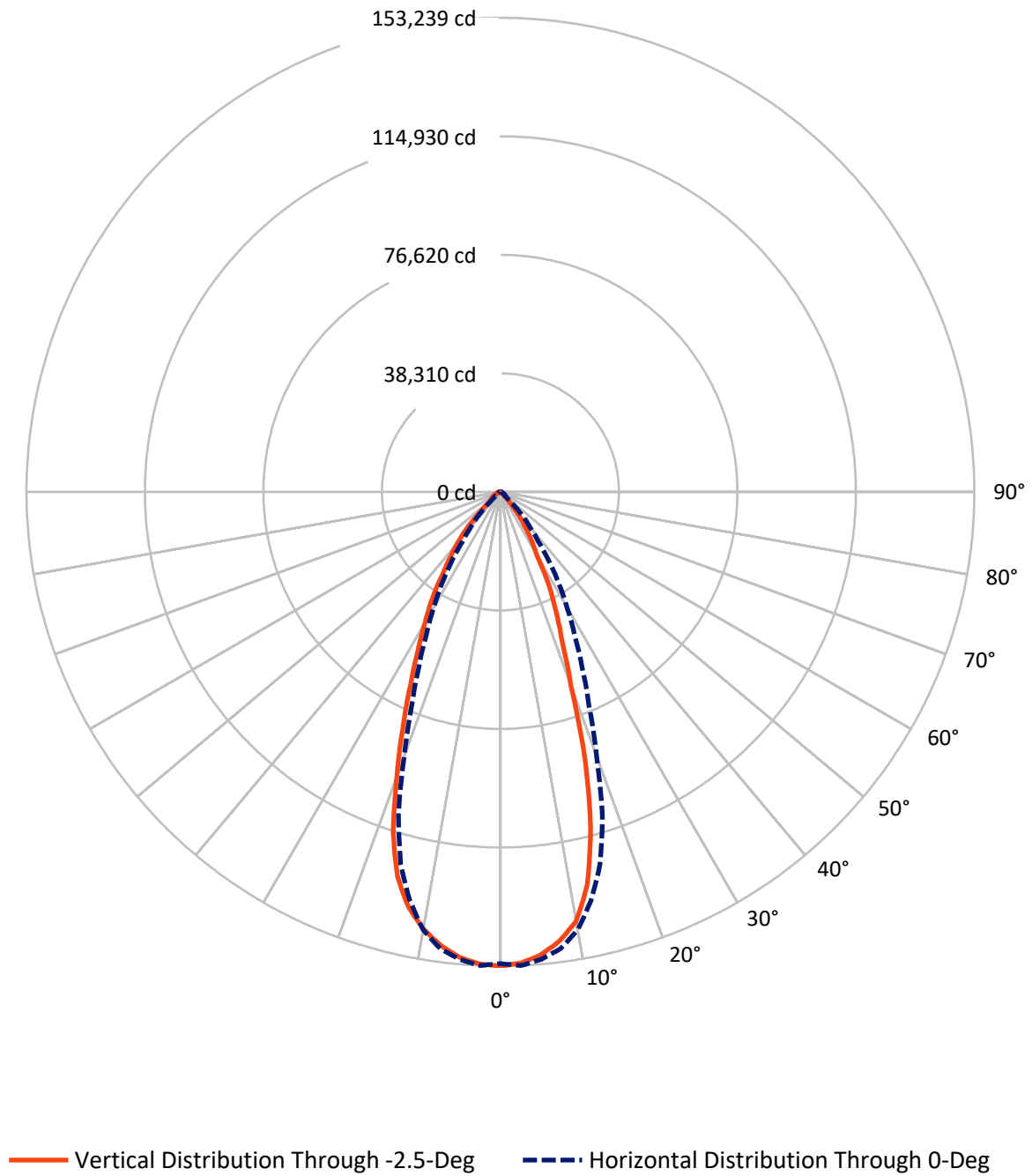
REPORT NUMBER: P1305852 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.4	1.5		2.5		3.4		3.9		3.4		2.5		1.5		0.4			
80	0.4	1.5		2.5		3.4		3.9		3.4		2.5		1.5		0.4			
70	0.4	0.2	0.3	0.6	0.8	0.8	0.8	1.0	1.0	0.8	0.8	0.8	0.6	0.3	0.2	0.4			
60		0.5	0.9	1.4	1.5	1.1	1.3	1.4	1.4	1.3	1.1	1.5	1.4	0.9	0.5				
50	1.1	1.4	3.0	6.0	10.7	21.9	48.4	65.3	65.3	48.4	21.9	10.7	6.0	3.0	1.4	1.1			
40		3.0	9.9	20.2	51.3	152.3	282.1	415.6	415.6	282.1	152.3	51.3	20.2	9.9	3.0				
30	2.5	5.2	17.2	43.9	211.3	499.3	918.0	1260.3	1260.3	918.0	499.3	211.3	43.9	17.2	5.2	2.5			
20		7.1	23.0	99.3	461.3	1140.5	2219.0	3171.4	3171.4	2219.0	1140.5	461.3	99.3	23.0	7.1				
10	3.6	8.8	27.1	150.7	649.5	1656.1	3322.5	4407.4	4407.4	3322.5	1656.1	649.5	150.7	27.1	8.8	3.6			
0		9.8	30.2	160.6	699.8	1736.7	3524.8	4476.4	4476.4	3524.8	1736.7	699.8	160.6	30.2	9.8				
-10	4.3	10.1	31.8	132.5	595.9	1451.4	2734.2	3691.8	3691.8	2734.2	1451.4	595.9	132.5	31.8	10.1	4.3			
-20		9.6	31.8	82.2	386.4	961.0	1598.0	2071.5	2071.5	1598.0	961.0	386.4	82.2	31.8	9.6				
-30	4.3	8.6	27.8	59.3	157.3	467.5	786.6	999.3	999.3	786.6	467.5	157.3	59.3	27.8	8.6	4.3			
-40		7.2	20.6	44.8	75.9	124.0	232.1	325.3	325.3	232.1	124.0	75.9	44.8	20.6	7.2				
-50	3.9	5.9	13.7	28.1	49.7	69.6	85.6	97.9	97.9	85.6	69.6	49.7	28.1	13.7	5.9	3.9			
-60		4.8	9.1	15.8	25.7	35.2	44.8	51.6	51.6	44.8	35.2	25.7	15.8	9.1	4.8				
-70	2.9	17.5		38.6		60.6		74.3		60.6		38.6		17.5		2.9			
-80		17.5		38.6		60.6		74.3		60.6		38.6		17.5					
-90	17.5		38.6		60.6		74.3		60.6		38.6		17.5		2.9				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

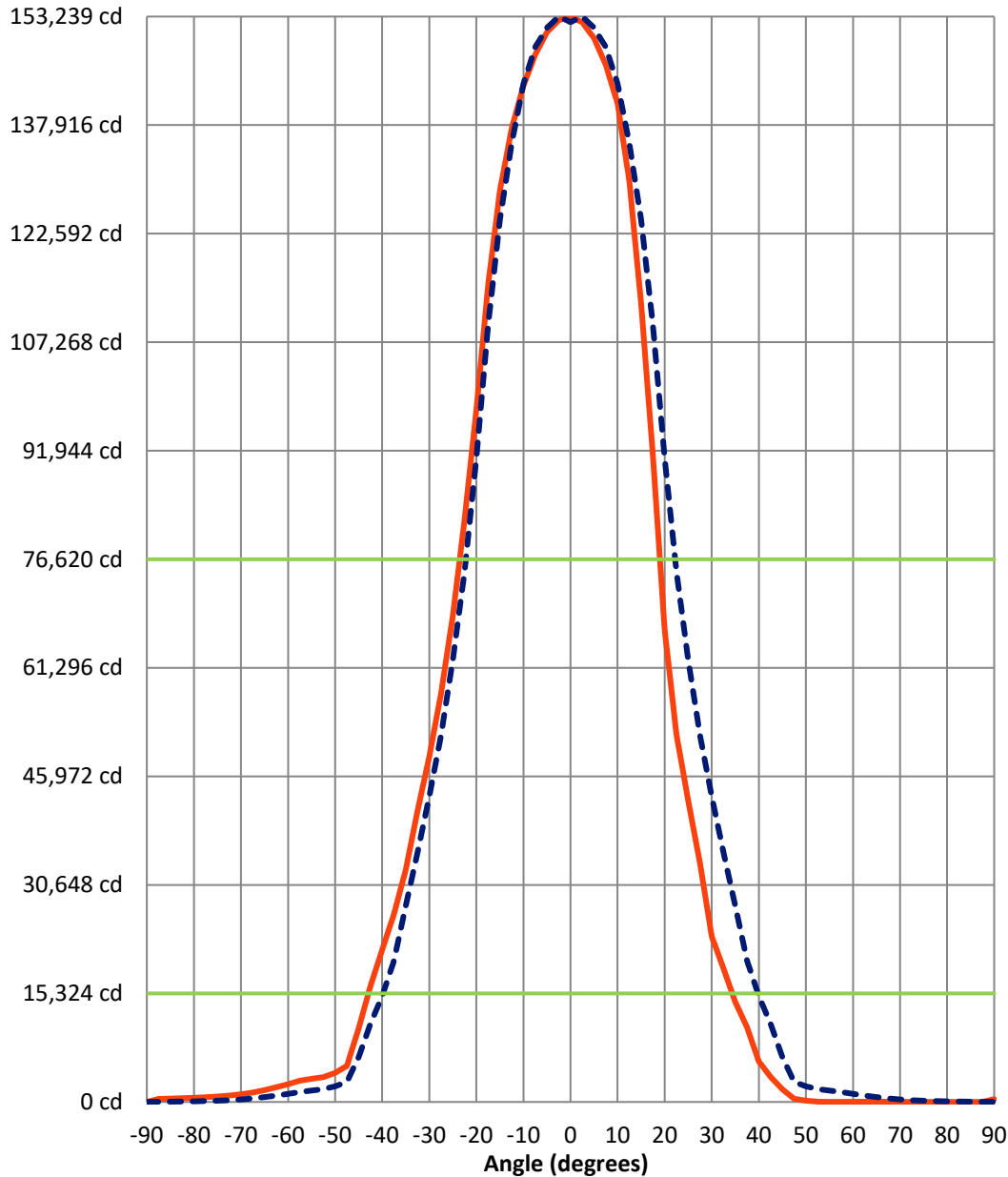
REPORT NUMBER: P1305852 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680R-57-70-5S-VHE-A

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 54788.5
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 91685.3
 Efficiency: 91.9%

Spill:
 Lumens: 8094.4
 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°	13.2	25.8	38.5	63.8	89.1	112.6	136.1	155.4	174.6	188.5	202.3
87.5°	13.2	12.3	11.1	11.2	11.2	11.3	11.4	10.9	10.4	10.3	10.1
85°	13.2	12.5	11.5	11.6	11.6	11.8	12.0	11.7	11.3	11.0	10.6
82.5°	13.2	12.8	11.8	12.0	12.1	12.4	12.7	12.4	12.1	11.7	11.2
80°	13.2	13.1	12.1	12.4	12.5	12.9	13.3	13.2	13.0	12.5	11.8
77.5°	13.2	13.4	12.5	12.8	12.9	13.5	14.0	13.9	13.9	13.3	12.4
75°	13.2	13.6	12.9	13.2	13.4	14.3	14.7	14.7	14.7	13.9	13.0
72.5°	13.2	13.9	13.3	13.6	14.3	15.2	15.4	15.5	15.3	14.5	13.6
70°	13.2	14.2	13.7	14.1	15.2	16.0	16.2	16.4	16.0	15.1	14.8
67.5°	13.2	14.5	14.1	14.8	16.0	16.9	17.3	17.3	16.8	16.5	16.1
65°	13.2	14.8	14.5	15.5	16.9	17.9	18.4	18.4	18.4	17.9	17.9
62.5°	13.2	15.1	15.0	16.2	17.8	18.9	19.5	19.9	20.1	19.8	20.8
60°	13.2	15.4	15.5	16.9	18.7	19.9	20.6	21.8	22.0	23.9	24.2
57.5°	13.2	15.7	16.2	17.6	19.9	20.9	22.9	23.8	27.1	29.0	30.8
55°	13.2	16.0	17.1	18.3	21.2	22.0	25.5	26.4	33.6	35.9	39.7
52.5°	13.2	16.3	17.9	19.0	22.6	23.4	28.4	33.1	40.8	46.7	49.6
50°	13.2	16.6	18.8	19.7	24.1	26.7	31.5	40.5	49.6	58.3	64.1
47.5°	13.2	16.9	19.8	20.5	25.7	30.2	35.3	48.1	60.9	70.5	80.3
45°	13.2	17.2	20.8	21.8	27.4	33.9	41.9	55.7	72.3	86.1	97.4
42.5°	13.2	17.5	21.9	23.2	29.2	37.7	48.6	65.1	84.2	102.4	123.3
40°	13.2	17.8	23.0	25.2	31.8	41.8	55.7	75.7	97.4	119.3	152.1
37.5°	13.2	18.1	24.1	27.6	34.9	45.9	63.4	86.5	112.6	139.5	182.5
35°	13.2	18.3	25.3	30.1	38.2	51.5	71.1	97.5	128.4	167.0	217.6
32.5°	13.2	18.6	26.5	32.6	41.4	57.6	79.4	109.0	144.5	195.0	257.6
30°	13.2	18.9	27.7	35.1	44.7	63.7	89.1	121.2	160.9	223.4	296.8
27.5°	13.2	19.2	29.0	37.7	49.1	69.8	98.6	134.5	179.4	252.1	335.2
25°	13.2	19.5	30.3	40.3	53.5	75.7	107.8	147.3	200.7	283.0	372.9
22.5°	13.2	19.7	31.5	43.0	57.9	81.7	116.8	159.5	220.8	309.7	412.7
20°	13.2	20.0	32.8	45.6	62.2	88.3	125.5	171.1	239.7	334.8	446.0
17.5°	13.2	20.3	34.1	48.2	66.4	94.6	134.2	182.1	257.3	358.5	477.4
15°	13.2	20.5	35.4	50.8	70.4	100.6	142.5	192.9	273.6	380.5	507.2
12.5°	13.2	20.7	36.6	53.4	74.3	106.3	150.4	203.4	290.0	400.8	535.2
10°	13.2	21.0	37.8	55.9	78.1	111.7	157.8	213.3	306.3	424.7	564.7
7.5°	13.2	21.2	39.0	58.3	81.7	116.8	164.6	222.6	321.3	448.0	600.1
5°	13.2	21.4	40.1	60.6	85.2	121.6	170.9	231.1	335.0	469.4	633.3
2.5°	13.2	21.5	41.1	62.9	88.4	126.0	176.7	238.8	347.2	488.8	663.9
0°	13.2	21.7	42.1	65.0	91.5	130.1	181.8	245.7	357.7	505.8	691.2
-2.5°	13.2	22.5	43.9	67.9	95.8	136.0	189.6	255.7	369.9	520.1	705.3
-5°	13.2	23.3	45.6	70.6	99.8	141.6	196.7	264.7	380.3	531.7	715.8
-7.5°	13.2	24.1	47.3	73.2	103.6	146.7	203.1	272.8	388.8	540.5	722.6
-10°	13.2	24.9	48.8	75.6	107.1	151.3	208.9	279.8	395.2	546.4	725.8
-12.5°	13.2	25.6	50.2	77.9	110.4	155.5	213.8	285.7	399.6	549.5	730.9
-15°	13.2	26.3	51.6	80.0	113.3	159.1	218.0	290.4	402.0	550.4	733.5
-17.5°	13.2	27.0	52.8	81.9	116.0	162.2	221.4	294.5	402.6	548.1	730.5
-20°	13.2	27.6	53.9	83.6	118.3	164.7	224.5	298.0	401.1	542.4	721.4



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 CATALOG NUMBER: EPH-08-680R-57-70-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	13.2	28.2	55.0	85.2	120.4	166.7	227.6	300.3	397.5	533.5	706.9
-25°	13.2	28.8	55.8	86.5	122.0	169.0	229.8	301.6	391.8	521.1	694.3
-27.5°	13.2	29.3	56.6	87.7	123.4	171.2	231.1	301.8	384.1	512.8	685.0
-30°	13.2	29.7	57.3	88.6	124.5	172.9	231.6	301.0	380.8	506.1	670.6
-32.5°	13.2	30.2	57.8	89.4	126.6	174.0	231.1	300.2	380.5	496.0	650.6
-35°	13.2	30.5	58.2	89.9	128.3	174.5	231.2	299.1	378.4	482.4	625.0
-37.5°	13.2	30.8	58.5	90.2	129.8	175.1	231.1	297.3	374.4	465.3	601.8
-40°	13.2	31.1	58.6	90.4	130.8	176.4	230.4	294.2	368.4	454.9	579.4
-42.5°	13.2	31.3	58.6	90.6	131.7	177.2	229.1	289.9	362.6	446.3	553.2
-45°	13.2	31.5	58.5	91.1	132.4	177.7	227.1	285.7	356.2	435.3	525.7
-47.5°	13.2	31.6	58.2	91.3	132.7	177.7	224.3	282.3	348.2	422.0	510.2
-50°	13.2	31.6	57.8	91.4	132.5	177.2	223.3	277.9	338.1	409.9	492.0
-52.5°	13.2	31.6	57.3	91.2	131.9	176.4	222.0	272.6	329.5	395.7	470.0
-55°	13.2	31.5	56.7	90.8	130.9	174.8	220.2	266.7	321.1	379.3	447.9
-57.5°	13.2	31.4	55.9	90.1	129.4	172.7	217.8	263.7	311.5	366.4	423.8
-60°	13.2	31.3	55.0	89.2	127.5	170.0	214.7	259.4	301.9	353.7	400.8
-62.5°	13.2	31.0	54.3	88.0	125.7	166.9	210.7	254.3	295.6	339.0	382.5
-65°	13.2	30.8	53.4	86.6	123.6	163.3	206.1	248.4	288.6	327.5	362.9
-67.5°	13.2	30.5	52.4	84.9	121.1	159.4	200.9	241.2	280.8	316.7	347.8
-70°	13.2	30.1	51.3	83.1	118.2	155.1	195.2	233.5	271.3	305.1	334.2
-72.5°	13.2	29.7	50.0	81.2	115.1	150.3	188.3	225.1	261.1	292.0	319.7
-75°	13.2	29.3	48.6	79.3	111.6	145.0	180.8	215.3	250.2	278.4	304.4
-77.5°	13.2	28.8	47.2	77.2	108.4	139.3	172.6	204.6	237.2	263.7	288.6
-80°	13.2	28.3	45.6	74.8	105.0	134.1	164.0	193.4	223.5	247.0	270.1
-82.5°	13.2	27.7	43.9	72.3	101.4	129.1	157.3	182.8	209.2	229.8	250.4
-85°	13.2	27.1	42.2	69.6	97.5	123.9	150.5	174.0	197.8	215.1	232.3
-87.5°	13.2	26.5	40.4	66.8	93.4	118.4	143.4	164.8	186.4	201.9	217.4
-90°	13.2	12.0	10.8	10.8	10.8	10.8	10.8	10.2	9.6	9.6	9.6



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 CATALOG NUMBER: EPH-08-680R-57-70-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	210.8	219.2	227.0	234.8	244.5	254.1	264.4	274.6	285.4	296.2	306.5
87.5°	9.6	9.0	9.0	9.1	8.5	8.0	7.6	7.2	6.6	6.0	5.9
85°	10.1	9.6	9.7	9.6	9.1	8.8	8.2	7.7	7.2	6.7	6.7
82.5°	10.9	10.8	10.4	9.7	9.5	9.5	9.1	8.5	8.0	7.6	7.4
80°	11.7	12.0	11.1	10.1	9.9	9.7	9.1	8.5	8.4	8.4	8.0
77.5°	12.2	12.1	11.4	10.8	10.4	10.0	9.6	9.2	8.9	8.5	8.4
75°	12.6	12.2	11.8	11.1	10.7	10.6	10.5	10.1	9.9	9.9	9.9
72.5°	13.3	13.0	12.3	11.4	11.1	11.3	11.4	11.0	11.3	11.8	11.8
70°	14.4	13.9	13.1	12.2	11.8	12.2	12.8	13.6	14.6	14.8	15.9
67.5°	15.6	15.1	13.9	13.3	13.0	13.7	14.5	17.5	20.3	21.8	23.5
65°	17.3	16.5	15.4	15.2	14.5	17.5	19.9	23.0	28.7	31.5	31.3
62.5°	19.4	19.7	18.2	18.5	21.0	23.6	27.9	34.5	41.2	43.8	41.5
60°	24.6	23.9	24.0	25.6	28.2	31.4	38.1	46.3	54.1	58.2	52.0
57.5°	31.5	31.3	33.1	34.1	37.7	38.7	47.7	57.8	64.5	69.5	61.3
55°	41.2	41.6	45.1	46.2	48.8	48.7	56.5	66.0	72.8	75.1	66.5
52.5°	54.8	55.4	61.7	62.6	61.8	62.6	65.4	75.7	81.4	81.5	74.0
50°	69.5	77.2	81.2	83.8	79.2	82.0	79.4	90.8	99.3	98.5	101.3
47.5°	91.5	101.8	107.6	111.8	108.3	117.2	115.3	132.8	138.7	171.8	177.0
45°	117.5	134.0	141.7	151.1	161.4	172.3	200.3	200.3	278.6	309.4	390.6
42.5°	146.7	171.5	192.8	196.5	248.5	278.7	316.9	395.3	471.7	567.7	604.3
40°	185.4	213.0	256.3	305.3	362.9	428.7	499.7	594.9	695.3	744.9	751.2
37.5°	228.3	280.0	340.5	429.3	517.8	604.2	694.3	787.3	859.6	878.0	945.5
35°	274.4	350.2	463.1	565.1	668.0	787.4	867.5	953.2	996.6	1072.7	1202.4
32.5°	332.3	422.2	562.5	695.2	809.7	939.5	1016.3	1081.9	1183.8	1315.6	1602.1
30°	392.9	503.5	645.4	798.6	939.6	1048.4	1135.8	1218.2	1377.8	1696.3	2678.6
27.5°	443.3	573.3	722.5	893.3	1054.1	1153.4	1252.5	1396.4	1681.6	2337.9	4201.0
25°	488.5	629.6	798.1	996.4	1153.8	1263.1	1392.1	1595.3	2042.8	3824.0	6211.5
22.5°	532.6	685.2	884.4	1104.7	1255.0	1371.0	1566.3	1933.2	2871.0	5375.2	8244.7
20°	578.2	756.1	978.0	1205.4	1351.8	1466.6	1718.5	2261.4	4181.1	7045.0	10038.7
17.5°	625.9	827.7	1069.3	1277.0	1413.9	1566.8	1879.1	2530.6	5274.8	8604.6	11955.7
15°	672.6	896.4	1147.2	1338.7	1470.8	1674.9	2094.6	3324.7	6431.2	10346.0	14005.3
12.5°	717.3	958.8	1207.7	1387.1	1526.9	1775.7	2271.7	4199.4	7821.8	11962.9	15787.2
10°	759.4	1014.7	1258.6	1432.9	1587.9	1883.2	2442.3	5055.8	9039.1	13013.6	16886.9
7.5°	802.7	1061.2	1301.6	1476.6	1646.7	1984.6	2630.1	5721.1	9948.0	13821.9	17736.6
5°	841.9	1097.0	1342.9	1525.5	1707.3	2074.5	2781.9	6229.7	10629.9	14489.7	18493.4
2.5°	876.2	1125.2	1378.1	1571.6	1766.4	2149.8	2825.7	6371.1	10950.3	14849.0	19237.8
0°	905.6	1146.4	1406.6	1612.5	1819.6	2211.0	2837.2	6346.3	11029.6	14957.9	19962.7
-2.5°	922.2	1173.8	1457.5	1671.3	1867.2	2260.4	2897.2	6355.7	11096.6	15720.3	20894.8
-5°	933.9	1194.4	1499.3	1723.4	1909.4	2295.1	2930.6	6211.2	11006.0	16121.6	21167.2
-7.5°	940.4	1207.4	1530.0	1766.7	1947.7	2320.3	2949.4	5976.3	11011.1	16139.9	20824.5
-10°	943.9	1219.7	1544.5	1791.0	1980.5	2332.3	2940.3	5572.8	10573.9	15703.0	20260.0
-12.5°	955.3	1231.0	1549.6	1809.1	2006.8	2335.2	2953.8	5177.9	9754.0	14907.7	19453.0
-15°	959.7	1234.0	1546.7	1823.9	2049.1	2363.7	2954.3	4564.5	8689.5	13898.5	18438.2
-17.5°	956.7	1228.4	1537.9	1845.4	2088.3	2366.0	2887.2	3760.0	7473.7	12462.8	17102.0
-20°	946.3	1215.7	1518.7	1856.0	2110.6	2385.6	2867.5	3629.4	6282.2	10667.7	15479.6



REPORT NUMBER: P1305852 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	931.2	1196.0	1491.1	1832.6	2136.1	2428.5	2840.7	3455.6	4881.1	8617.1	13471.1
-25°	913.1	1174.1	1461.6	1805.6	2148.0	2455.9	2757.4	3223.6	4058.4	6862.6	10985.3
-27.5°	894.2	1143.1	1430.1	1760.8	2140.9	2442.8	2708.3	3095.1	3684.9	4913.2	8395.1
-30°	870.3	1105.9	1383.8	1702.8	2077.5	2402.5	2678.4	2928.7	3331.5	4069.7	6159.7
-32.5°	841.1	1062.3	1332.2	1636.8	1981.8	2354.2	2609.3	2826.8	3133.7	3586.0	4443.6
-35°	808.0	1023.8	1274.9	1553.4	1868.5	2232.9	2505.5	2735.5	2942.8	3291.0	3839.4
-37.5°	774.3	976.3	1201.1	1465.2	1765.2	2062.7	2384.4	2613.6	2822.5	3041.0	3431.6
-40°	734.9	917.2	1127.8	1372.0	1626.3	1896.3	2194.7	2481.9	2688.3	2916.0	3150.2
-42.5°	691.9	861.2	1049.4	1261.0	1489.4	1732.1	1996.8	2284.6	2561.1	2778.9	2994.1
-45°	657.1	800.5	965.8	1154.3	1350.8	1566.8	1808.3	2060.2	2353.9	2635.8	2835.0
-47.5°	615.1	740.2	892.5	1042.0	1219.9	1412.5	1618.8	1857.5	2103.7	2381.4	2653.7
-50°	574.9	689.6	806.8	941.6	1092.5	1261.8	1445.7	1655.9	1883.6	2111.1	2358.1
-52.5°	547.4	635.1	735.0	841.3	973.2	1118.4	1281.3	1459.7	1659.3	1858.0	2072.2
-55°	517.2	593.1	664.9	755.0	858.7	984.6	1126.1	1282.0	1434.2	1615.6	1797.5
-57.5°	487.8	550.7	608.3	677.5	764.1	856.6	985.1	1114.9	1247.1	1387.6	1541.3
-60°	457.9	509.5	559.9	615.8	678.9	760.8	850.2	958.7	1066.7	1179.0	1314.9
-62.5°	428.1	470.1	513.3	561.5	615.2	670.5	743.6	822.6	898.3	1000.5	1108.9
-65°	404.1	433.0	468.8	511.2	554.5	605.1	656.0	705.5	772.0	849.5	928.0
-67.5°	378.4	405.5	431.8	461.5	500.6	542.4	584.5	628.8	673.9	727.2	784.5
-70°	359.5	378.8	402.1	426.7	452.4	482.6	520.1	556.9	594.8	639.3	685.0
-72.5°	341.8	359.5	376.9	394.1	417.2	442.3	467.1	491.8	523.4	561.2	597.7
-75°	323.6	339.8	355.8	371.5	388.9	407.6	427.0	449.3	473.9	500.1	525.4
-77.5°	305.0	319.4	334.0	348.4	364.3	380.9	397.9	414.9	434.2	454.5	474.2
-80°	285.1	298.6	311.6	324.4	338.9	353.6	368.7	383.9	401.0	418.6	435.0
-82.5°	263.2	275.1	287.3	299.2	312.5	325.7	339.2	352.5	367.6	382.9	396.8
-85°	242.2	251.4	262.1	272.7	284.8	296.9	308.9	320.8	334.6	348.3	360.5
-87.5°	226.5	235.4	244.1	252.7	263.0	273.3	283.8	294.1	306.1	318.2	328.8
-90°	9.0	8.4	8.4	8.4	7.8	7.2	7.2	7.2	6.6	6.0	5.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	316.7	323.4	330.0	335.4	340.8	348.1	355.3	364.9	374.5	384.2	393.8
87.5°	5.8	5.3	4.8	4.7	4.7	4.7	4.7	4.1	3.6	3.6	3.6
85°	6.8	6.6	6.6	6.2	5.8	5.8	5.9	5.8	5.8	5.3	4.8
82.5°	7.2	7.2	7.2	6.6	6.0	6.0	6.0	6.0	6.0	5.4	4.8
80°	7.6	7.5	7.2	7.0	6.8	6.5	6.1	5.6	5.0	4.9	4.8
77.5°	8.5	8.2	7.7	7.5	7.3	6.7	6.1	5.5	4.9	4.8	4.8
75°	9.7	9.3	9.0	8.6	8.0	7.6	7.6	7.3	6.8	6.9	7.0
72.5°	11.6	11.4	11.4	11.7	11.7	12.1	12.6	13.1	13.7	14.6	15.7
70°	17.3	18.5	19.1	19.5	19.4	19.2	19.1	19.4	20.0	20.6	21.1
67.5°	25.4	27.2	28.3	28.7	26.8	25.8	25.9	26.4	27.4	29.1	31.5
65°	33.1	32.6	31.7	31.0	31.3	31.4	31.3	31.6	33.2	35.7	38.8
62.5°	38.9	33.6	30.5	29.0	30.0	31.9	30.6	29.6	31.0	32.6	34.1
60°	44.4	34.7	27.8	25.7	25.3	26.0	23.9	22.0	22.6	23.1	24.0
57.5°	49.7	37.2	25.8	22.0	18.4	16.6	16.1	15.4	15.0	14.6	14.7
55°	54.5	40.5	25.3	22.4	19.9	19.4	17.8	16.8	16.2	15.9	16.3
52.5°	60.4	52.1	41.5	38.5	43.4	43.7	38.7	46.0	51.6	54.1	55.1
50°	98.8	88.5	106.2	104.5	125.3	140.0	134.8	151.1	175.5	190.7	197.1
47.5°	217.0	217.4	252.4	283.5	309.2	342.8	368.6	393.5	428.2	449.7	459.5
45°	411.7	446.8	483.4	536.6	587.8	650.0	724.8	783.7	1019.9	1255.2	1469.2
42.5°	630.3	668.7	722.2	838.3	976.2	1295.5	1866.4	2185.1	2582.8	3015.7	3181.9
40°	812.1	867.9	1015.0	1341.8	2137.7	2895.6	3728.1	4431.9	5055.1	5413.6	5713.1
37.5°	1036.8	1170.0	1840.0	2764.9	3754.5	4704.3	5561.6	6305.5	6951.2	7474.9	7993.2
35°	1364.2	2249.0	3238.7	4441.5	5493.4	6373.3	7261.5	8113.9	8846.2	9628.4	10790.6
32.5°	2586.1	3742.5	5015.6	6093.7	7121.8	8232.0	9165.3	10529.3	11597.4	13023.5	15202.9
30°	4150.8	5602.3	6756.6	7835.0	9153.3	10647.1	12205.6	14291.7	16471.6	18745.6	21085.9
27.5°	6159.9	7625.9	8842.9	10281.2	12021.8	14009.9	16989.5	19930.1	23056.3	25900.0	28061.3
25°	8581.5	10134.1	12214.4	14301.3	16792.2	20189.7	23537.2	27140.2	30274.5	33065.1	36189.1
22.5°	10851.1	13396.1	16143.2	19293.8	23350.1	27181.9	31320.9	34967.0	38900.5	42877.9	45954.0
20°	12767.1	16082.6	20023.3	24565.3	29061.5	33402.1	38218.7	44030.4	49886.4	55118.1	58914.5
17.5°	15351.7	19550.7	24455.9	29854.7	34695.2	40074.2	46777.8	54329.1	62534.7	69795.0	75551.8
15°	18175.7	23079.0	28625.4	34282.1	40406.2	47613.9	56233.9	65877.5	75914.7	86095.2	95579.8
12.5°	20095.6	25840.1	31896.9	38623.0	46261.4	55925.3	66392.1	77082.7	88553.0	101220.1	112222.2
10°	21736.9	28109.9	35417.0	43240.7	52017.8	62406.2	73224.1	86209.1	100526.6	113000.6	124785.0
7.5°	23360.2	30848.9	38481.9	46628.1	56271.1	67554.4	80357.5	94322.4	108893.2	122451.7	132088.5
5°	25281.2	33050.4	40682.9	49288.0	59386.3	71123.0	84627.4	100663.8	116015.7	128478.6	137170.6
2.5°	26869.5	34371.0	42186.4	50703.2	61081.8	73335.8	87992.6	105813.8	121566.4	133219.6	141084.8
0°	27678.2	35216.8	43132.3	51787.1	62426.6	74930.2	90921.3	109642.4	124530.4	135295.7	143718.8
-2.5°	27776.8	34947.9	42717.5	51253.8	61652.2	74403.7	90797.2	109739.5	125301.9	136490.9	144801.3
-5°	27489.7	34593.7	42348.4	50889.8	61147.7	74430.1	90890.2	109104.6	124142.3	135732.1	143558.5
-7.5°	26797.4	33943.2	41712.3	50127.9	60224.5	73106.5	88458.4	104968.6	120436.3	132959.0	140178.8
-10°	25783.2	32804.3	40453.7	48509.7	58031.4	69941.5	83671.2	98786.4	114416.6	126390.0	134716.1
-12.5°	24500.4	31145.3	38457.5	46074.0	55063.7	66160.0	78398.5	91055.2	104157.6	117807.9	126480.0
-15°	23027.8	29099.6	35944.3	43601.6	52489.4	61736.9	71458.4	81770.0	93747.7	104913.4	115007.8
-17.5°	21630.4	26859.9	33246.2	40706.8	48275.1	56310.3	64641.8	73060.6	82665.6	91430.3	99271.0
-20°	19874.2	24327.0	30211.3	36840.3	43873.0	50835.3	57991.6	64812.3	71785.2	78919.3	85146.4



REPORT NUMBER: P1305852 (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°	17804.4	22134.7	27044.1	32816.1	39567.7	45764.3	51495.9	56826.2	62415.2	67351.6	72476.2
-25°	15549.5	19713.1	24224.7	29486.4	34670.3	40287.8	45044.9	49577.9	53913.1	57789.2	61774.3
-27.5°	12780.6	17176.0	21623.1	25834.3	30112.1	34145.5	38580.9	42763.1	46378.6	49576.3	52734.7
-30°	9661.1	14326.4	18533.2	22145.7	25537.0	28901.1	32296.7	35806.1	39228.7	42140.6	44727.5
-32.5°	7128.1	11020.1	14908.5	18448.5	21416.7	24197.1	26837.7	29591.2	31985.0	34443.0	36835.3
-35°	4716.1	7466.9	10694.9	14293.8	17385.0	19724.1	22118.5	24313.7	26118.3	28023.9	29829.9
-37.5°	3969.0	4701.0	6860.5	9782.3	12645.3	15335.0	17722.9	19631.3	21292.2	22814.4	24374.1
-40°	3501.1	3918.7	4533.1	5594.7	8002.4	10368.6	12828.7	14857.2	16626.7	18085.7	19521.8
-42.5°	3194.0	3480.5	3786.6	4204.7	4616.8	5775.6	7795.0	9546.0	11205.6	12849.4	14329.0
-45°	3034.9	3195.7	3370.9	3598.1	3774.4	4088.4	4439.2	4768.7	6089.5	7516.9	8711.6
-47.5°	2844.1	3015.6	3146.4	3253.4	3339.2	3477.1	3623.0	3813.6	4119.3	4479.8	4755.0
-50°	2600.1	2808.2	2938.8	3046.2	3107.7	3161.0	3213.6	3333.0	3498.7	3695.3	3851.3
-52.5°	2284.7	2490.6	2675.5	2815.1	2883.2	2949.5	3015.5	3097.6	3191.8	3305.4	3386.8
-55°	1987.4	2159.5	2319.4	2449.6	2567.0	2673.9	2776.7	2863.7	2965.3	3073.3	3149.2
-57.5°	1705.2	1844.2	1975.4	2088.2	2189.8	2279.7	2384.8	2499.1	2629.0	2752.9	2840.0
-60°	1441.5	1552.0	1661.1	1752.8	1835.4	1909.2	2006.4	2102.2	2216.1	2317.6	2391.4
-62.5°	1205.7	1302.2	1382.9	1452.0	1514.3	1576.0	1657.8	1737.9	1831.6	1912.7	1974.0
-65°	1001.8	1082.3	1139.1	1190.4	1235.5	1288.1	1351.3	1415.6	1489.3	1552.2	1602.6
-67.5°	844.5	899.1	934.7	966.4	1003.9	1045.7	1093.5	1144.8	1202.1	1249.7	1288.3
-70°	725.6	759.6	781.3	804.9	832.3	861.2	893.6	932.2	975.8	1013.0	1044.9
-72.5°	631.6	657.6	675.5	693.7	710.2	730.0	751.7	780.6	812.8	841.8	868.8
-75°	550.0	568.6	585.3	601.1	615.5	632.2	649.6	673.9	700.3	724.3	746.8
-77.5°	495.1	509.5	520.7	531.3	541.7	555.6	569.9	589.6	610.1	629.9	649.1
-80°	451.2	462.3	471.8	479.5	486.7	498.5	510.8	526.8	543.2	560.3	577.2
-82.5°	410.5	420.2	429.3	436.7	443.5	454.2	465.2	479.5	494.0	508.2	522.2
-85°	372.4	381.3	389.8	396.8	403.7	412.4	421.0	433.4	445.9	458.9	471.7
-87.5°	339.3	347.6	356.0	361.5	367.0	374.7	382.4	393.0	403.5	414.7	425.8
-90°	4.8	4.8	4.8	4.2	3.6	3.6	3.6	3.0	2.4	2.4	2.4



REPORT NUMBER: P1305852 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	398.6	403.4	405.8	408.2	405.8	403.4	398.6	393.8	384.2	374.5	364.9
87.5°	3.0	2.4	2.4	2.4	2.4	2.4	3.0	3.6	3.6	3.6	4.1
85°	4.2	3.6	4.2	4.8	4.2	3.6	4.2	4.8	5.3	5.8	5.8
82.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.4	6.0	6.0
80°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	5.0	5.6
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	5.5
75°	6.6	6.0	6.0	6.0	6.0	6.0	6.6	7.0	6.9	6.8	7.3
72.5°	16.3	16.6	17.4	18.1	17.4	16.6	16.3	15.7	14.6	13.7	13.1
70°	21.4	21.5	21.7	21.7	21.7	21.5	21.4	21.1	20.6	20.0	19.4
67.5°	32.7	33.3	34.7	36.1	34.7	33.3	32.7	31.5	29.1	27.4	26.4
65°	41.0	42.8	43.3	43.4	43.3	42.8	41.0	38.8	35.7	33.2	31.6
62.5°	35.5	37.1	37.4	37.3	37.4	37.1	35.5	34.1	32.6	31.0	29.6
60°	24.8	25.5	26.0	26.5	26.0	25.5	24.8	24.0	23.1	22.6	22.0
57.5°	15.0	15.8	15.8	15.7	15.8	15.8	15.0	14.7	14.6	15.0	15.4
55°	16.5	16.8	16.4	15.7	16.4	16.8	16.5	16.3	15.9	16.2	16.8
52.5°	53.7	51.0	48.3	45.8	48.3	51.0	53.7	55.1	54.1	51.6	46.0
50°	195.0	191.8	187.1	181.8	187.1	191.8	195.0	197.1	190.7	175.5	151.1
47.5°	468.2	469.2	464.7	456.4	464.7	469.2	468.2	459.5	449.7	428.2	393.5
45°	1655.7	1745.8	1794.3	1828.0	1794.3	1745.8	1655.7	1469.2	1255.2	1019.9	783.7
42.5°	3327.2	3453.6	3549.6	3569.4	3549.6	3453.6	3327.2	3181.9	3015.7	2582.8	2185.1
40°	6068.4	6089.5	5737.4	5205.9	5737.4	6089.5	6068.4	5713.1	5413.6	5055.1	4431.9
37.5°	8611.0	9499.5	10531.7	11058.5	10531.7	9499.5	8611.0	7993.2	7474.9	6951.2	6305.5
35°	12358.8	13695.4	14128.9	14140.2	14128.9	13695.4	12358.8	10790.6	9628.4	8846.2	8113.9
32.5°	17168.4	18255.1	18835.3	18677.8	18835.3	18255.1	17168.4	15202.9	13023.5	11597.4	10529.3
30°	22449.6	23395.1	23402.7	23086.5	23402.7	23395.1	22449.6	21085.9	18745.6	16471.6	14291.7
27.5°	30298.3	32296.1	33702.3	34081.2	33702.3	32296.1	30298.3	28061.3	25900.0	23056.3	19930.1
25°	39003.9	41199.3	42549.2	43040.7	42549.2	41199.3	39003.9	36189.1	33065.1	30274.5	27140.2
22.5°	48817.0	50951.4	51925.6	52435.0	51925.6	50951.4	48817.0	45954.0	42877.9	38900.5	34967.0
20°	62533.4	65568.4	66712.4	67201.4	66712.4	65568.4	62533.4	58914.5	55118.1	49886.4	44030.4
17.5°	81533.3	87527.3	91275.0	93199.7	91275.0	87527.3	81533.3	75551.8	69795.0	62534.7	54329.1
15°	102599.2	108684.3	112686.0	115085.6	112686.0	108684.3	102599.2	95579.8	86095.2	75914.7	65877.5
12.5°	120671.2	126095.7	129960.9	132258.7	129960.9	126095.7	120671.2	112222.2	101220.1	88553.0	77082.7
10°	132264.9	136917.0	140927.0	142885.4	140927.0	136917.0	132264.9	124785.0	113000.6	100526.6	86209.1
7.5°	138817.4	144226.6	146400.4	147739.8	146400.4	144226.6	138817.4	132088.5	122451.7	108893.2	94322.4
5°	143895.7	148170.3	150176.9	151156.2	150176.9	148170.3	143895.7	137170.6	128478.6	116015.7	100663.8
2.5°	147285.7	150996.7	152415.8	153205.8	152415.8	150996.7	147285.7	141084.8	133219.6	121566.4	105813.8
0°	148912.6	151648.7	153239.5	152464.0	153239.5	151648.7	148912.6	143718.8	135295.7	124530.4	109642.4
-2.5°	148924.0	151524.7	152707.3	152131.6	152707.3	151524.7	148924.0	144801.3	136490.9	125301.9	109739.5
-5°	147649.9	149590.9	151031.2	150569.7	151031.2	149590.9	147649.9	143558.5	135732.1	124142.3	109104.6
-7.5°	144214.0	146793.6	147848.5	147899.9	147848.5	146793.6	144214.0	140178.8	132959.0	120436.3	104968.6
-10°	139487.3	142347.2	143470.4	143585.1	143470.4	142347.2	139487.3	134716.1	126390.0	114416.6	98786.4
-12.5°	132462.1	135817.2	137433.6	137721.7	137433.6	135817.2	132462.1	126480.0	117807.9	104157.6	91055.2
-15°	121556.7	126078.7	128631.2	129526.8	128631.2	126078.7	121556.7	115007.8	104913.4	93747.7	81770.0
-17.5°	106731.1	112134.0	115316.8	116439.1	115316.8	112134.0	106731.1	99271.0	91430.3	82665.6	73060.6
-20°	91266.7	95272.1	97725.7	98736.8	97725.7	95272.1	91266.7	85146.4	78919.3	71785.2	64812.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	77200.2	80429.7	82252.7	83062.4	82252.7	80429.7	77200.2	72476.2	67351.6	62415.2	56826.2
-25°	65000.3	67720.3	68655.2	69182.4	68655.2	67720.3	65000.3	61774.3	57789.2	53913.1	49577.9
-27.5°	55032.2	57189.8	57693.4	58158.8	57693.4	57189.8	55032.2	52734.7	49576.3	46378.6	42763.1
-30°	46632.7	48510.4	48767.1	49282.3	48767.1	48510.4	46632.7	44727.5	42140.6	39228.7	35806.1
-32.5°	38777.6	40449.6	41090.1	41188.6	41090.1	40449.6	38777.6	36835.3	34443.0	31985.0	29591.2
-35°	31255.8	32357.7	32793.7	32820.3	32793.7	32357.7	31255.8	29829.9	28023.9	26118.3	24313.7
-37.5°	25341.8	26044.3	26549.3	26410.2	26549.3	26044.3	25341.8	24374.1	22814.4	21292.2	19631.3
-40°	20326.5	21033.3	21494.9	21382.5	21494.9	21033.3	20326.5	19521.8	18085.7	16626.7	14857.2
-42.5°	15145.1	15922.4	16358.7	16238.0	16358.7	15922.4	15145.1	14329.0	12849.4	11205.6	9546.0
-45°	9392.6	10077.8	10399.2	10203.5	10399.2	10077.8	9392.6	8711.6	7516.9	6089.5	4768.7
-47.5°	4900.1	5056.1	5105.9	5036.1	5105.9	5056.1	4900.1	4755.0	4479.8	4119.3	3813.6
-50°	3973.0	4070.8	4112.9	4100.4	4112.9	4070.8	3973.0	3851.3	3695.3	3498.7	3333.0
-52.5°	3450.8	3495.9	3510.9	3501.9	3510.9	3495.9	3450.8	3386.8	3305.4	3191.8	3097.6
-55°	3213.3	3258.3	3273.8	3268.3	3273.8	3258.3	3213.3	3149.2	3073.3	2965.3	2863.7
-57.5°	2912.3	2967.4	3001.5	3019.0	3001.5	2967.4	2912.3	2840.0	2752.9	2629.0	2499.1
-60°	2451.0	2495.0	2507.7	2501.2	2507.7	2495.0	2451.0	2391.4	2317.6	2216.1	2102.2
-62.5°	2022.2	2058.5	2085.5	2103.8	2085.5	2058.5	2022.2	1974.0	1912.7	1831.6	1737.9
-65°	1639.6	1665.7	1671.2	1666.7	1671.2	1665.7	1639.6	1602.6	1552.2	1489.3	1415.6
-67.5°	1315.3	1334.7	1337.3	1333.1	1337.3	1334.7	1315.3	1288.3	1249.7	1202.1	1144.8
-70°	1066.4	1082.7	1085.0	1082.6	1085.0	1082.7	1066.4	1044.9	1013.0	975.8	932.2
-72.5°	884.5	896.5	905.6	912.8	905.6	896.5	884.5	868.8	841.8	812.8	780.6
-75°	758.2	766.8	768.9	769.5	768.9	766.8	758.2	746.8	724.3	700.3	673.9
-77.5°	659.2	667.8	673.9	679.2	673.9	667.8	659.2	649.1	629.9	610.1	589.6
-80°	584.9	591.5	596.4	600.9	596.4	591.5	584.9	577.2	560.3	543.2	526.8
-82.5°	529.5	536.4	540.5	544.3	540.5	536.4	529.5	522.2	508.2	494.0	479.5
-85°	477.2	482.5	486.4	490.1	486.4	482.5	477.2	471.7	458.9	445.9	433.4
-87.5°	430.8	435.8	438.3	440.8	438.3	435.8	430.8	425.8	414.7	403.5	393.0
-90°	1.8	1.2	1.2	1.2	1.2	1.2	1.8	2.4	2.4	2.4	3.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	355.3	348.1	340.8	335.4	330.0	323.4	316.7	306.5	296.2	285.4	274.6
87.5°	4.7	4.7	4.7	4.7	4.8	5.3	5.8	5.9	6.0	6.6	7.2
85°	5.9	5.8	5.8	6.2	6.6	6.6	6.8	6.7	6.7	7.2	7.7
82.5°	6.0	6.0	6.0	6.6	7.2	7.2	7.2	7.4	7.6	8.0	8.5
80°	6.1	6.5	6.8	7.0	7.2	7.5	7.6	8.0	8.4	8.4	8.5
77.5°	6.1	6.7	7.3	7.5	7.7	8.2	8.5	8.4	8.5	8.9	9.2
75°	7.6	7.6	8.0	8.6	9.0	9.3	9.7	9.9	9.9	9.9	10.1
72.5°	12.6	12.1	11.7	11.7	11.4	11.4	11.6	11.8	11.8	11.3	11.0
70°	19.1	19.2	19.4	19.5	19.1	18.5	17.3	15.9	14.8	14.6	13.6
67.5°	25.9	25.8	26.8	28.7	28.3	27.2	25.4	23.5	21.8	20.3	17.5
65°	31.3	31.4	31.3	31.0	31.7	32.6	33.1	31.3	31.5	28.7	23.0
62.5°	30.6	31.9	30.0	29.0	30.5	33.6	38.9	41.5	43.8	41.2	34.5
60°	23.9	26.0	25.3	25.7	27.8	34.7	44.4	52.0	58.2	54.1	46.3
57.5°	16.1	16.6	18.4	22.0	25.8	37.2	49.7	61.3	69.5	64.5	57.8
55°	17.8	19.4	19.9	22.4	25.3	40.5	54.5	66.5	75.1	72.8	66.0
52.5°	38.7	43.7	43.4	38.5	41.5	52.1	60.4	74.0	81.5	81.4	75.7
50°	134.8	140.0	125.3	104.5	106.2	88.5	98.8	101.3	98.5	99.3	90.8
47.5°	368.6	342.8	309.2	283.5	252.4	217.4	217.0	177.0	171.8	138.7	132.8
45°	724.8	650.0	587.8	536.6	483.4	446.8	411.7	390.6	309.4	278.6	200.3
42.5°	1866.4	1295.5	976.2	838.3	722.2	668.7	630.3	604.3	567.7	471.7	395.3
40°	3728.1	2895.6	2137.7	1341.8	1015.0	867.9	812.1	751.2	744.9	695.3	594.9
37.5°	5561.6	4704.3	3754.5	2764.9	1840.0	1170.0	1036.8	945.5	878.0	859.6	787.3
35°	7261.5	6373.3	5493.4	4441.5	3238.7	2249.0	1364.2	1202.4	1072.7	996.6	953.2
32.5°	9165.3	8232.0	7121.8	6093.7	5015.6	3742.5	2586.1	1602.1	1315.6	1183.8	1081.9
30°	12205.6	10647.1	9153.3	7835.0	6756.6	5602.3	4150.8	2678.6	1696.3	1377.8	1218.2
27.5°	16989.5	14009.9	12021.8	10281.2	8842.9	7625.9	6159.9	4201.0	2337.9	1681.6	1396.4
25°	23537.2	20189.7	16792.2	14301.3	12214.4	10134.1	8581.5	6211.5	3824.0	2042.8	1595.3
22.5°	31320.9	27181.9	23350.1	19293.8	16143.2	13396.1	10851.1	8244.7	5375.2	2871.0	1933.2
20°	38218.7	33402.1	29061.5	24565.3	20023.3	16082.6	12767.1	10038.7	7045.0	4181.1	2261.4
17.5°	46777.8	40074.2	34695.2	29854.7	24455.9	19550.7	15351.7	11955.7	8604.6	5274.8	2530.6
15°	56233.9	47613.9	40406.2	34282.1	28625.4	23079.0	18175.7	14005.3	10346.0	6431.2	3324.7
12.5°	66392.1	55925.3	46261.4	38623.0	31896.9	25840.1	20095.6	15787.2	11962.9	7821.8	4199.4
10°	73224.1	62406.2	52017.8	43240.7	35417.0	28109.9	21736.9	16886.9	13013.6	9039.1	5055.8
7.5°	80357.5	67554.4	56271.1	46628.1	38481.9	30848.9	23360.2	17736.6	13821.9	9948.0	5721.1
5°	84627.4	71123.0	59386.3	49288.0	40682.9	33050.4	25281.2	18493.4	14489.7	10629.9	6229.7
2.5°	87992.6	73335.8	61081.8	50703.2	42186.4	34371.0	26869.5	19237.8	14849.0	10950.3	6371.1
0°	90921.3	74930.2	62426.6	51787.1	43132.3	35216.8	27678.2	19962.7	14957.9	11029.6	6346.3
-2.5°	90797.2	74403.7	61652.2	51253.8	42717.5	34947.9	27776.8	20894.8	15720.3	11096.6	6355.7
-5°	90890.2	74430.1	61147.7	50889.8	42348.4	34593.7	27489.7	21167.2	16121.6	11006.0	6211.2
-7.5°	88458.4	73106.5	60224.5	50127.9	41712.3	33943.2	26797.4	20824.5	16139.9	11011.1	5976.3
-10°	83671.2	69941.5	58031.4	48509.7	40453.7	32804.3	25783.2	20260.0	15703.0	10573.9	5572.8
-12.5°	78398.5	66160.0	55063.7	46074.0	38457.5	31145.3	24500.4	19453.0	14907.7	9754.0	5177.9
-15°	71458.4	61736.9	52489.4	43601.6	35944.3	29099.6	23027.8	18438.2	13898.5	8689.5	4564.5
-17.5°	64641.8	56310.3	48275.1	40706.8	33246.2	26859.9	21630.4	17102.0	12462.8	7473.7	3760.0
-20°	57991.6	50835.3	43873.0	36840.3	30211.3	24327.0	19874.2	15479.6	10667.7	6282.2	3629.4



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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°	51495.9	45764.3	39567.7	32816.1	27044.1	22134.7	17804.4	13471.1	8617.1	4881.1	3455.6
-25°	45044.9	40287.8	34670.3	29486.4	24224.7	19713.1	15549.5	10985.3	6862.6	4058.4	3223.6
-27.5°	38580.9	34145.5	30112.1	25834.3	21623.1	17176.0	12780.6	8395.1	4913.2	3684.9	3095.1
-30°	32296.7	28901.1	25537.0	22145.7	18533.2	14326.4	9661.1	6159.7	4069.7	3331.5	2928.7
-32.5°	26837.7	24197.1	21416.7	18448.5	14908.5	11020.1	7128.1	4443.6	3586.0	3133.7	2826.8
-35°	22118.5	19724.1	17385.0	14293.8	10694.9	7466.9	4716.1	3839.4	3291.0	2942.8	2735.5
-37.5°	17722.9	15335.0	12645.3	9782.3	6860.5	4701.0	3969.0	3431.6	3041.0	2822.5	2613.6
-40°	12828.7	10368.6	8002.4	5594.7	4533.1	3918.7	3501.1	3150.2	2916.0	2688.3	2481.9
-42.5°	7795.0	5775.6	4616.8	4204.7	3786.6	3480.5	3194.0	2994.1	2778.9	2561.1	2284.6
-45°	4439.2	4088.4	3774.4	3598.1	3370.9	3195.7	3034.9	2835.0	2635.8	2353.9	2060.2
-47.5°	3623.0	3477.1	3339.2	3253.4	3146.4	3015.6	2844.1	2653.7	2381.4	2103.7	1857.5
-50°	3213.6	3161.0	3107.7	3046.2	2938.8	2808.2	2600.1	2358.1	2111.1	1883.6	1655.9
-52.5°	3015.5	2949.5	2883.2	2815.1	2675.5	2490.6	2284.7	2072.2	1858.0	1659.3	1459.7
-55°	2776.7	2673.9	2567.0	2449.6	2319.4	2159.5	1987.4	1797.5	1615.6	1434.2	1282.0
-57.5°	2384.8	2279.7	2189.8	2088.2	1975.4	1844.2	1705.2	1541.3	1387.6	1247.1	1114.9
-60°	2006.4	1909.2	1835.4	1752.8	1661.1	1552.0	1441.5	1314.9	1179.0	1066.7	958.7
-62.5°	1657.8	1576.0	1514.3	1452.0	1382.9	1302.2	1205.7	1108.9	1000.5	898.3	822.6
-65°	1351.3	1288.1	1235.5	1190.4	1139.1	1082.3	1001.8	928.0	849.5	772.0	705.5
-67.5°	1093.5	1045.7	1003.9	966.4	934.7	899.1	844.5	784.5	727.2	673.9	628.8
-70°	893.6	861.2	832.3	804.9	781.3	759.6	725.6	685.0	639.3	594.8	556.9
-72.5°	751.7	730.0	710.2	693.7	675.5	657.6	631.6	597.7	561.2	523.4	491.8
-75°	649.6	632.2	615.5	601.1	585.3	568.6	550.0	525.4	500.1	473.9	449.3
-77.5°	569.9	555.6	541.7	531.3	520.7	509.5	495.1	474.2	454.5	434.2	414.9
-80°	510.8	498.5	486.7	479.5	471.8	462.3	451.2	435.0	418.6	401.0	383.9
-82.5°	465.2	454.2	443.5	436.7	429.3	420.2	410.5	396.8	382.9	367.6	352.5
-85°	421.0	412.4	403.7	396.8	389.8	381.3	372.4	360.5	348.3	334.6	320.8
-87.5°	382.4	374.7	367.0	361.5	356.0	347.6	339.3	328.8	318.2	306.1	294.1
-90°	3.6	3.6	3.6	4.2	4.8	4.8	4.8	5.4	6.0	6.6	7.2



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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°	264.4	254.1	244.5	234.8	227.0	219.2	210.8	202.3	188.5	174.6	155.4
87.5°	7.6	8.0	8.5	9.1	9.0	9.0	9.6	10.1	10.3	10.4	10.9
85°	8.2	8.8	9.1	9.6	9.7	9.6	10.1	10.6	11.0	11.3	11.7
82.5°	9.1	9.5	9.5	9.7	10.4	10.8	10.9	11.2	11.7	12.1	12.4
80°	9.1	9.7	9.9	10.1	11.1	12.0	11.7	11.8	12.5	13.0	13.2
77.5°	9.6	10.0	10.4	10.8	11.4	12.1	12.2	12.4	13.3	13.9	13.9
75°	10.5	10.6	10.7	11.1	11.8	12.2	12.6	13.0	13.9	14.7	14.7
72.5°	11.4	11.3	11.1	11.4	12.3	13.0	13.3	13.6	14.5	15.3	15.5
70°	12.8	12.2	11.8	12.2	13.1	13.9	14.4	14.8	15.1	16.0	16.4
67.5°	14.5	13.7	13.0	13.3	13.9	15.1	15.6	16.1	16.5	16.8	17.3
65°	19.9	17.5	14.5	15.2	15.4	16.5	17.3	17.9	17.9	18.4	18.4
62.5°	27.9	23.6	21.0	18.5	18.2	19.7	19.4	20.8	19.8	20.1	19.9
60°	38.1	31.4	28.2	25.6	24.0	23.9	24.6	24.2	23.9	22.0	21.8
57.5°	47.7	38.7	37.7	34.1	33.1	31.3	31.5	30.8	29.0	27.1	23.8
55°	56.5	48.7	48.8	46.2	45.1	41.6	41.2	39.7	35.9	33.6	26.4
52.5°	65.4	62.6	61.8	62.6	61.7	55.4	54.8	49.6	46.7	40.8	33.1
50°	79.4	82.0	79.2	83.8	81.2	77.2	69.5	64.1	58.3	49.6	40.5
47.5°	115.3	117.2	108.3	111.8	107.6	101.8	91.5	80.3	70.5	60.9	48.1
45°	200.3	172.3	161.4	151.1	141.7	134.0	117.5	97.4	86.1	72.3	55.7
42.5°	316.9	278.7	248.5	196.5	192.8	171.5	146.7	123.3	102.4	84.2	65.1
40°	499.7	428.7	362.9	305.3	256.3	213.0	185.4	152.1	119.3	97.4	75.7
37.5°	694.3	604.2	517.8	429.3	340.5	280.0	228.3	182.5	139.5	112.6	86.5
35°	867.5	787.4	668.0	565.1	463.1	350.2	274.4	217.6	167.0	128.4	97.5
32.5°	1016.3	939.5	809.7	695.2	562.5	422.2	332.3	257.6	195.0	144.5	109.0
30°	1135.8	1048.4	939.6	798.6	645.4	503.5	392.9	296.8	223.4	160.9	121.2
27.5°	1252.5	1153.4	1054.1	893.3	722.5	573.3	443.3	335.2	252.1	179.4	134.5
25°	1392.1	1263.1	1153.8	996.4	798.1	629.6	488.5	372.9	283.0	200.7	147.3
22.5°	1566.3	1371.0	1255.0	1104.7	884.4	685.2	532.6	412.7	309.7	220.8	159.5
20°	1718.5	1466.6	1351.8	1205.4	978.0	756.1	578.2	446.0	334.8	239.7	171.1
17.5°	1879.1	1566.8	1413.9	1277.0	1069.3	827.7	625.9	477.4	358.5	257.3	182.1
15°	2094.6	1674.9	1470.8	1338.7	1147.2	896.4	672.6	507.2	380.5	273.6	192.9
12.5°	2271.7	1775.7	1526.9	1387.1	1207.7	958.8	717.3	535.2	400.8	290.0	203.4
10°	2442.3	1883.2	1587.9	1432.9	1258.6	1014.7	759.4	564.7	424.7	306.3	213.3
7.5°	2630.1	1984.6	1646.7	1476.6	1301.6	1061.2	802.7	600.1	448.0	321.3	222.6
5°	2781.9	2074.5	1707.3	1525.5	1342.9	1097.0	841.9	633.3	469.4	335.0	231.1
2.5°	2825.7	2149.8	1766.4	1571.6	1378.1	1125.2	876.2	663.9	488.8	347.2	238.8
0°	2837.2	2211.0	1819.6	1612.5	1406.6	1146.4	905.6	691.2	505.8	357.7	245.7
-2.5°	2897.2	2260.4	1867.2	1671.3	1457.5	1173.8	922.2	705.3	520.1	369.9	255.7
-5°	2930.6	2295.1	1909.4	1723.4	1499.3	1194.4	933.9	715.8	531.7	380.3	264.7
-7.5°	2949.4	2320.3	1947.7	1766.7	1530.0	1207.4	940.4	722.6	540.5	388.8	272.8
-10°	2940.3	2332.3	1980.5	1791.0	1544.5	1219.7	943.9	725.8	546.4	395.2	279.8
-12.5°	2953.8	2335.2	2006.8	1809.1	1549.6	1231.0	955.3	730.9	549.5	399.6	285.7
-15°	2954.3	2363.7	2049.1	1823.9	1546.7	1234.0	959.7	733.5	550.4	402.0	290.4
-17.5°	2887.2	2366.0	2088.3	1845.4	1537.9	1228.4	956.7	730.5	548.1	402.6	294.5
-20°	2867.5	2385.6	2110.6	1856.0	1518.7	1215.7	946.3	721.4	542.4	401.1	298.0



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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°	2840.7	2428.5	2136.1	1832.6	1491.1	1196.0	931.2	706.9	533.5	397.5	300.3
-25°	2757.4	2455.9	2148.0	1805.6	1461.6	1174.1	913.1	694.3	521.1	391.8	301.6
-27.5°	2708.3	2442.8	2140.9	1760.8	1430.1	1143.1	894.2	685.0	512.8	384.1	301.8
-30°	2678.4	2402.5	2077.5	1702.8	1383.8	1105.9	870.3	670.6	506.1	380.8	301.0
-32.5°	2609.3	2354.2	1981.8	1636.8	1332.2	1062.3	841.1	650.6	496.0	380.5	300.2
-35°	2505.5	2232.9	1868.5	1553.4	1274.9	1023.8	808.0	625.0	482.4	378.4	299.1
-37.5°	2384.4	2062.7	1765.2	1465.2	1201.1	976.3	774.3	601.8	465.3	374.4	297.3
-40°	2194.7	1896.3	1626.3	1372.0	1127.8	917.2	734.9	579.4	454.9	368.4	294.2
-42.5°	1996.8	1732.1	1489.4	1261.0	1049.4	861.2	691.9	553.2	446.3	362.6	289.9
-45°	1808.3	1566.8	1350.8	1154.3	965.8	800.5	657.1	525.7	435.3	356.2	285.7
-47.5°	1618.8	1412.5	1219.9	1042.0	892.5	740.2	615.1	510.2	422.0	348.2	282.3
-50°	1445.7	1261.8	1092.5	941.6	806.8	689.6	574.9	492.0	409.9	338.1	277.9
-52.5°	1281.3	1118.4	973.2	841.3	735.0	635.1	547.4	470.0	395.7	329.5	272.6
-55°	1126.1	984.6	858.7	755.0	664.9	593.1	517.2	447.9	379.3	321.1	266.7
-57.5°	985.1	856.6	764.1	677.5	608.3	550.7	487.8	423.8	366.4	311.5	263.7
-60°	850.2	760.8	678.9	615.8	559.9	509.5	457.9	400.8	353.7	301.9	259.4
-62.5°	743.6	670.5	615.2	561.5	513.3	470.1	428.1	382.5	339.0	295.6	254.3
-65°	656.0	605.1	554.5	511.2	468.8	433.0	404.1	362.9	327.5	288.6	248.4
-67.5°	584.5	542.4	500.6	461.5	431.8	405.5	378.4	347.8	316.7	280.8	241.2
-70°	520.1	482.6	452.4	426.7	402.1	378.8	359.5	334.2	305.1	271.3	233.5
-72.5°	467.1	442.3	417.2	394.1	376.9	359.5	341.8	319.7	292.0	261.1	225.1
-75°	427.0	407.6	388.9	371.5	355.8	339.8	323.6	304.4	278.4	250.2	215.3
-77.5°	397.9	380.9	364.3	348.4	334.0	319.4	305.0	288.6	263.7	237.2	204.6
-80°	368.7	353.6	338.9	324.4	311.6	298.6	285.1	270.1	247.0	223.5	193.4
-82.5°	339.2	325.7	312.5	299.2	287.3	275.1	263.2	250.4	229.8	209.2	182.8
-85°	308.9	296.9	284.8	272.7	262.1	251.4	242.2	232.3	215.1	197.8	174.0
-87.5°	283.8	273.3	263.0	252.7	244.1	235.4	226.5	217.4	201.9	186.4	164.8
-90°	7.2	7.2	7.8	8.4	8.4	8.4	9.0	9.6	9.6	9.6	10.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	136.1	112.6	89.1	63.8	38.5	25.8	13.2
87.5°	11.4	11.3	11.2	11.2	11.1	12.3	13.2
85°	12.0	11.8	11.6	11.6	11.5	12.5	13.2
82.5°	12.7	12.4	12.1	12.0	11.8	12.8	13.2
80°	13.3	12.9	12.5	12.4	12.1	13.1	13.2
77.5°	14.0	13.5	12.9	12.8	12.5	13.4	13.2
75°	14.7	14.3	13.4	13.2	12.9	13.6	13.2
72.5°	15.4	15.2	14.3	13.6	13.3	13.9	13.2
70°	16.2	16.0	15.2	14.1	13.7	14.2	13.2
67.5°	17.3	16.9	16.0	14.8	14.1	14.5	13.2
65°	18.4	17.9	16.9	15.5	14.5	14.8	13.2
62.5°	19.5	18.9	17.8	16.2	15.0	15.1	13.2
60°	20.6	19.9	18.7	16.9	15.5	15.4	13.2
57.5°	22.9	20.9	19.9	17.6	16.2	15.7	13.2
55°	25.5	22.0	21.2	18.3	17.1	16.0	13.2
52.5°	28.4	23.4	22.6	19.0	17.9	16.3	13.2
50°	31.5	26.7	24.1	19.7	18.8	16.6	13.2
47.5°	35.3	30.2	25.7	20.5	19.8	16.9	13.2
45°	41.9	33.9	27.4	21.8	20.8	17.2	13.2
42.5°	48.6	37.7	29.2	23.2	21.9	17.5	13.2
40°	55.7	41.8	31.8	25.2	23.0	17.8	13.2
37.5°	63.4	45.9	34.9	27.6	24.1	18.1	13.2
35°	71.1	51.5	38.2	30.1	25.3	18.3	13.2
32.5°	79.4	57.6	41.4	32.6	26.5	18.6	13.2
30°	89.1	63.7	44.7	35.1	27.7	18.9	13.2
27.5°	98.6	69.8	49.1	37.7	29.0	19.2	13.2
25°	107.8	75.7	53.5	40.3	30.3	19.5	13.2
22.5°	116.8	81.7	57.9	43.0	31.5	19.7	13.2
20°	125.5	88.3	62.2	45.6	32.8	20.0	13.2
17.5°	134.2	94.6	66.4	48.2	34.1	20.3	13.2
15°	142.5	100.6	70.4	50.8	35.4	20.5	13.2
12.5°	150.4	106.3	74.3	53.4	36.6	20.7	13.2
10°	157.8	111.7	78.1	55.9	37.8	21.0	13.2
7.5°	164.6	116.8	81.7	58.3	39.0	21.2	13.2
5°	170.9	121.6	85.2	60.6	40.1	21.4	13.2
2.5°	176.7	126.0	88.4	62.9	41.1	21.5	13.2
0°	181.8	130.1	91.5	65.0	42.1	21.7	13.2
-2.5°	189.6	136.0	95.8	67.9	43.9	22.5	13.2
-5°	196.7	141.6	99.8	70.6	45.6	23.3	13.2
-7.5°	203.1	146.7	103.6	73.2	47.3	24.1	13.2
-10°	208.9	151.3	107.1	75.6	48.8	24.9	13.2
-12.5°	213.8	155.5	110.4	77.9	50.2	25.6	13.2
-15°	218.0	159.1	113.3	80.0	51.6	26.3	13.2
-17.5°	221.4	162.2	116.0	81.9	52.8	27.0	13.2
-20°	224.5	164.7	118.3	83.6	53.9	27.6	13.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	227.6	166.7	120.4	85.2	55.0	28.2	13.2
-25°	229.8	169.0	122.0	86.5	55.8	28.8	13.2
-27.5°	231.1	171.2	123.4	87.7	56.6	29.3	13.2
-30°	231.6	172.9	124.5	88.6	57.3	29.7	13.2
-32.5°	231.1	174.0	126.6	89.4	57.8	30.2	13.2
-35°	231.2	174.5	128.3	89.9	58.2	30.5	13.2
-37.5°	231.1	175.1	129.8	90.2	58.5	30.8	13.2
-40°	230.4	176.4	130.8	90.4	58.6	31.1	13.2
-42.5°	229.1	177.2	131.7	90.6	58.6	31.3	13.2
-45°	227.1	177.7	132.4	91.1	58.5	31.5	13.2
-47.5°	224.3	177.7	132.7	91.3	58.2	31.6	13.2
-50°	223.3	177.2	132.5	91.4	57.8	31.6	13.2
-52.5°	222.0	176.4	131.9	91.2	57.3	31.6	13.2
-55°	220.2	174.8	130.9	90.8	56.7	31.5	13.2
-57.5°	217.8	172.7	129.4	90.1	55.9	31.4	13.2
-60°	214.7	170.0	127.5	89.2	55.0	31.3	13.2
-62.5°	210.7	166.9	125.7	88.0	54.3	31.0	13.2
-65°	206.1	163.3	123.6	86.6	53.4	30.8	13.2
-67.5°	200.9	159.4	121.1	84.9	52.4	30.5	13.2
-70°	195.2	155.1	118.2	83.1	51.3	30.1	13.2
-72.5°	188.3	150.3	115.1	81.2	50.0	29.7	13.2
-75°	180.8	145.0	111.6	79.3	48.6	29.3	13.2
-77.5°	172.6	139.3	108.4	77.2	47.2	28.8	13.2
-80°	164.0	134.1	105.0	74.8	45.6	28.3	13.2
-82.5°	157.3	129.1	101.4	72.3	43.9	27.7	13.2
-85°	150.5	123.9	97.5	69.6	42.2	27.1	13.2
-87.5°	143.4	118.4	93.4	66.8	40.4	26.5	13.2
-90°	10.8	10.8	10.8	10.8	10.8	12.0	13.2

(END OF REPORT)