

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: P1305942 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-2S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305942 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-2S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

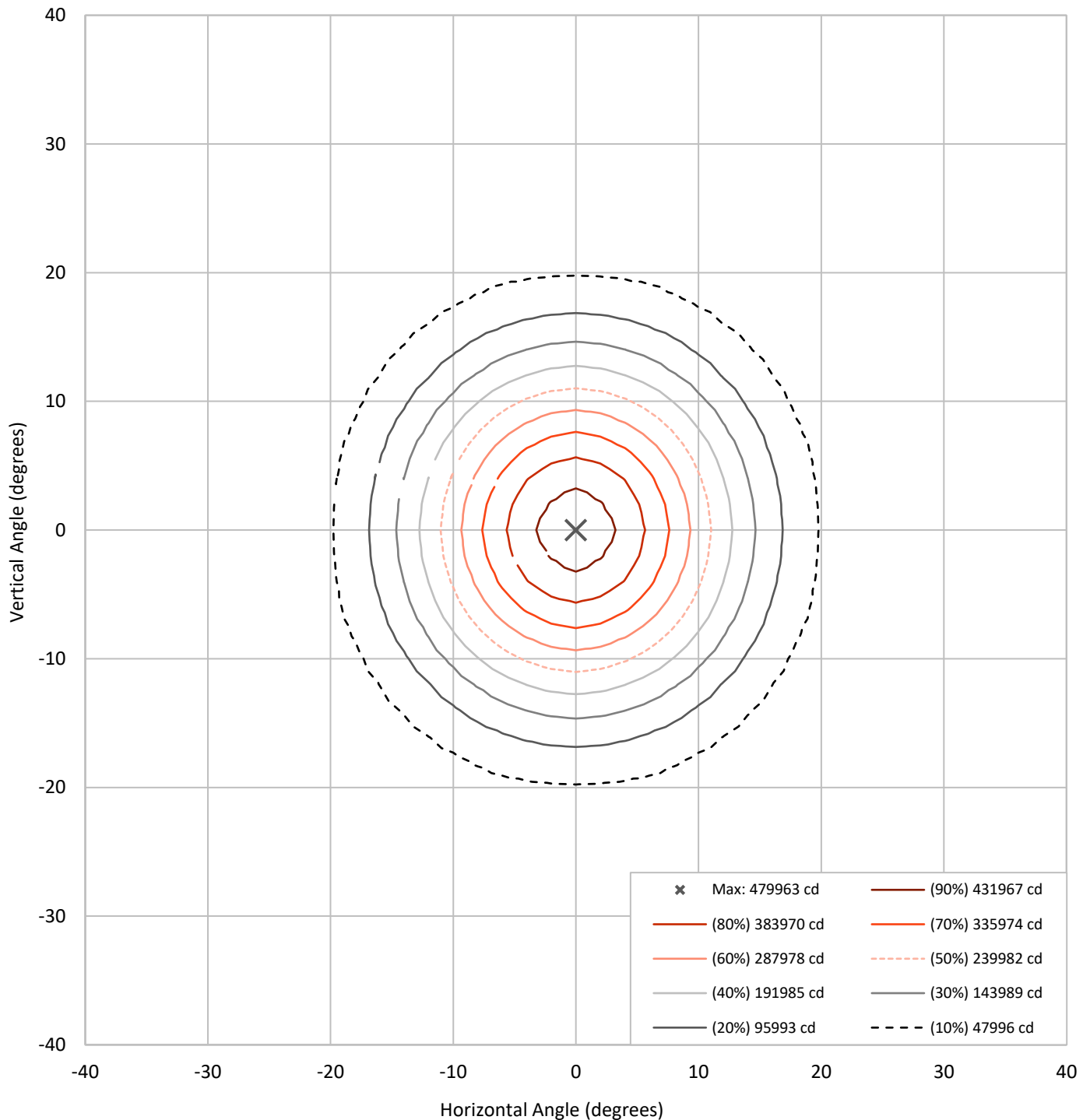
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	86456.5 lumens	Max Intensity:	479963 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	38210.9 lumens	Field Lumens:	70966.8 lumens
Beam Efficiency:	44.2%	Field Efficiency:	82.1%

Input Watts (W): 569
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





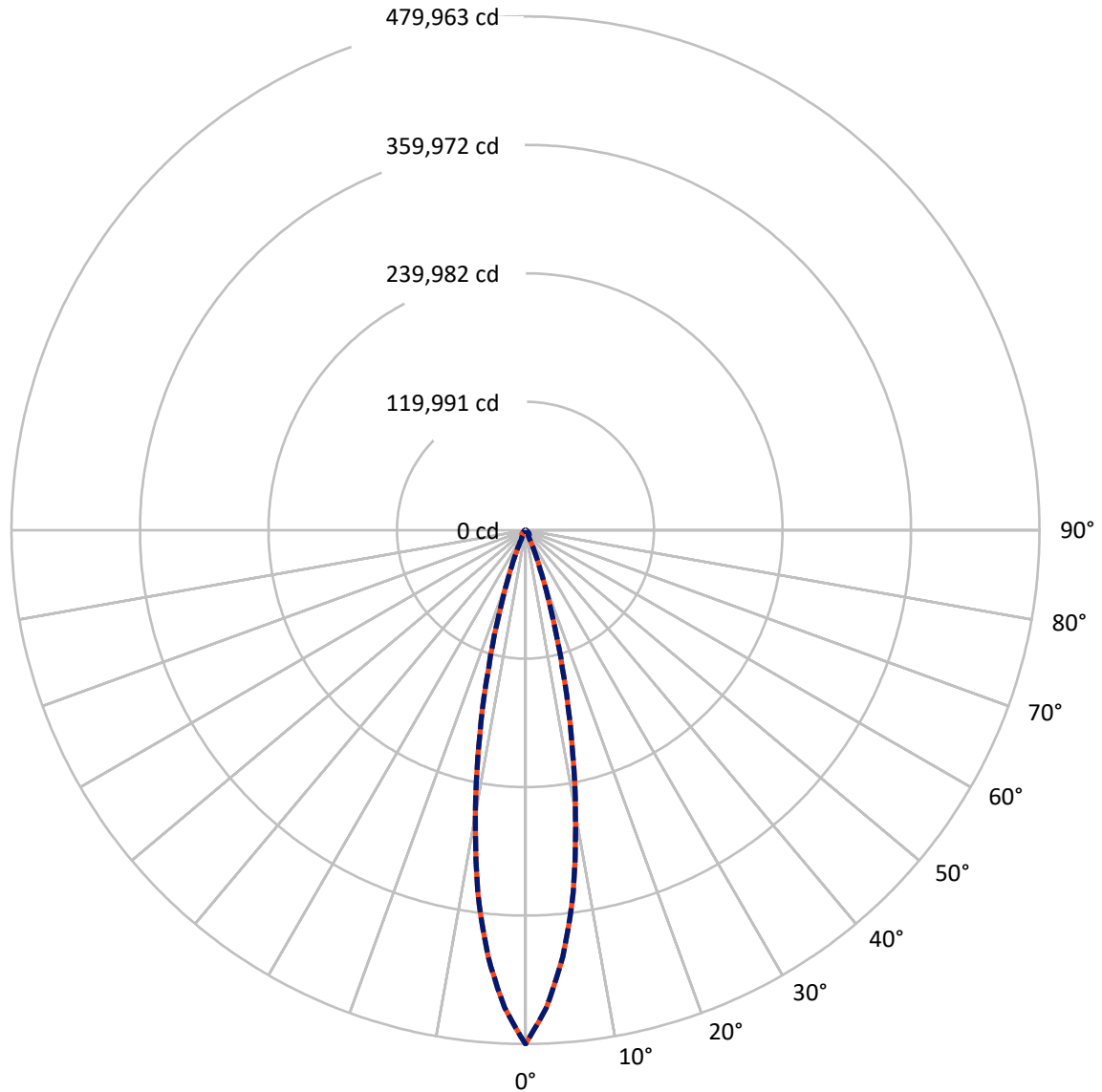
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Lumen Table

90	0.1	0.9	3.0	7.6	10.0	7.6	3.0	0.9	0.1							
80	0.1	0.9	3.0	7.6	10.0	7.6	3.0	0.9	0.1							
70	0.4	0.5	1.8	5.4	10.8	16.6	21.5	24.1	24.1	21.5	16.6	10.8	5.4	1.8	0.5	0.4
60		1.4	6.4	15.4	26.6	37.0	44.1	47.7	47.7	44.1	37.0	26.6	15.4	6.4	1.4	
50	1.0	3.4	12.6	26.7	40.7	65.9	100.9	120.8	120.8	100.9	65.9	40.7	26.7	12.6	3.4	1.0
40		5.8	18.8	35.2	77.7	133.4	156.3	164.3	164.3	156.3	133.4	77.7	35.2	18.8	5.8	
30	2.2	8.0	23.6	52.0	120.7	150.2	205.4	419.1	419.1	205.4	150.2	120.7	52.0	23.6	8.0	2.2
20		9.7	26.4	74.9	132.7	193.3	1222.8	3623.3	3623.3	1222.8	193.3	132.7	74.9	26.4	9.7	
10	2.8	10.6	27.6	86.7	135.2	386.3	3531.3	9931.1	9931.1	3531.3	386.3	135.2	86.7	27.6	10.6	2.8
0		10.6	27.6	86.7	135.2	386.3	3531.3	9931.1	9931.1	3531.3	386.3	135.2	86.7	27.6	10.6	
-10	2.2	9.7	26.4	74.9	132.7	193.3	1222.8	3623.3	3623.3	1222.8	193.3	132.7	74.9	26.4	9.7	2.2
-20		8.0	23.6	52.0	120.7	150.2	205.4	419.1	419.1	205.4	150.2	120.7	52.0	23.6	8.0	
-30	1.0	5.8	18.8	35.2	77.7	133.4	156.3	164.3	164.3	156.3	133.4	77.7	35.2	18.8	5.8	1.0
-40		3.4	12.6	26.7	40.7	65.9	100.9	120.8	120.8	100.9	65.9	40.7	26.7	12.6	3.4	
-50	0.4	1.4	6.4	15.4	26.6	37.0	44.1	47.7	47.7	44.1	37.0	26.6	15.4	6.4	1.4	0.4
-60		0.5	1.8	5.4	10.8	16.6	21.5	24.1	24.1	21.5	16.6	10.8	5.4	1.8	0.5	
-70	0.1	0.9	3.0	7.6	10.0	7.6	3.0	0.9	0.1							
-80		0.1	0.9	3.0	7.6	10.0	7.6	3.0	0.9	0.1						
-90	0.1	0.9	3.0	7.6	10.0	7.6	3.0	0.9	0.1							

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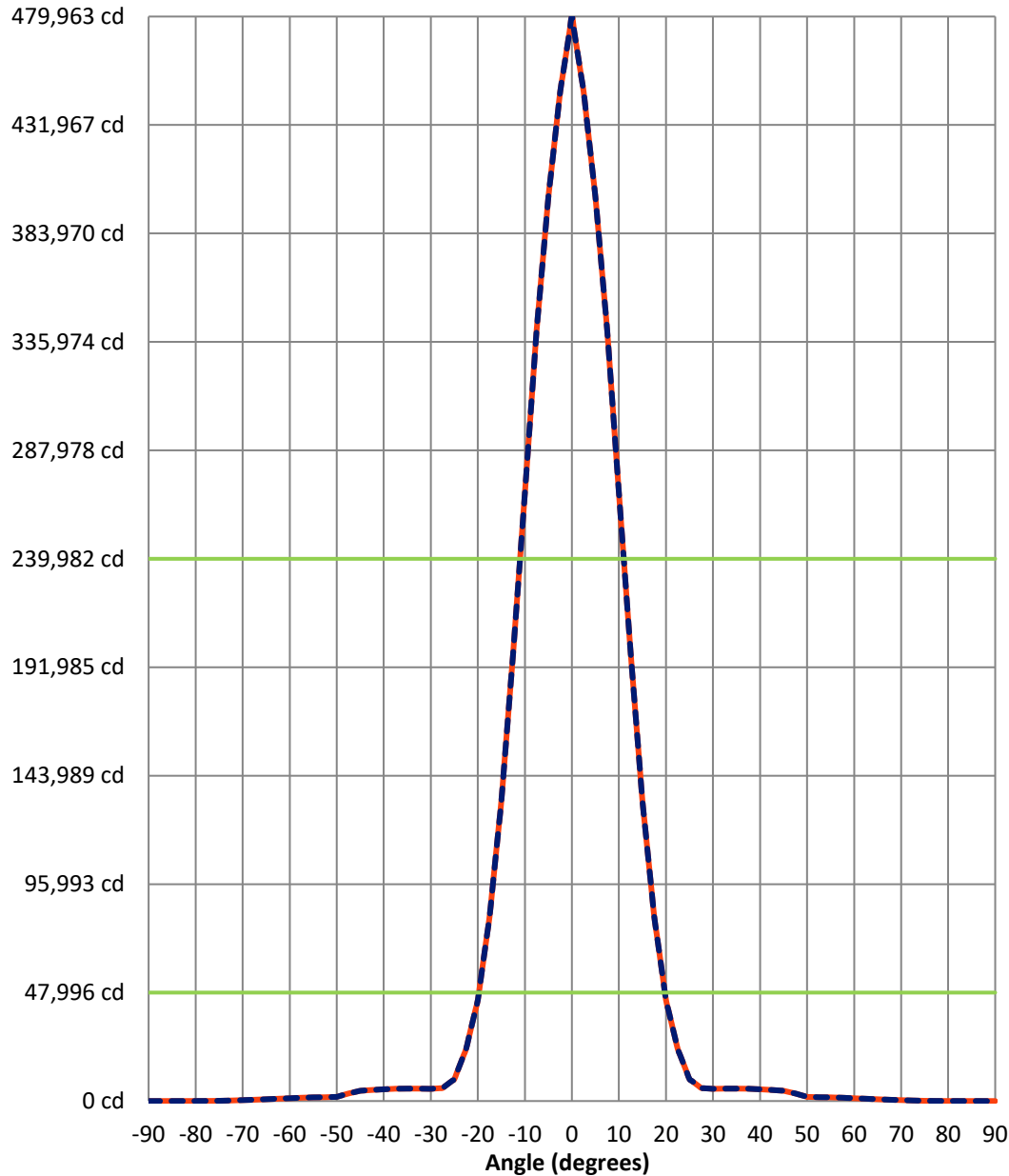
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22°
 V Angle: 22°
 Lumens: 38210.9
 Efficiency: 44.2%

Field:
 H Angle: 39.6°
 V Angle: 39.6°
 Lumens: 70966.8
 Efficiency: 82.1%

Spill:
 Lumens: 15489.7
 Efficiency: 17.9%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.1	9.6	10.2
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.1	9.9	10.6	11.3	12.0
77.5°	0.0	1.9	3.9	5.8	7.8	9.3	10.3	11.2	12.1	13.0	14.0
75°	0.0	2.3	4.7	7.0	9.1	10.3	11.4	12.5	13.6	15.0	16.5
72.5°	0.0	2.7	5.4	8.1	9.9	11.2	12.5	13.9	15.6	17.3	18.9
70°	0.0	3.1	6.1	9.1	10.6	12.1	13.6	15.6	17.5	19.5	22.8
67.5°	0.0	3.4	6.9	9.6	11.3	13.0	15.0	17.3	19.5	23.3	27.0
65°	0.0	3.8	7.6	10.2	12.0	14.0	16.5	18.9	22.8	27.0	32.0
62.5°	0.0	4.2	8.3	10.7	12.7	15.2	17.9	21.4	26.1	31.2	38.9
60°	0.0	4.5	9.0	11.2	13.4	16.3	19.2	24.2	29.3	37.3	45.6
57.5°	0.0	4.8	9.3	11.7	14.2	17.4	21.5	27.0	34.1	43.3	63.1
55°	0.0	5.2	9.6	12.2	15.1	18.5	23.8	29.6	39.3	52.2	85.2
52.5°	0.0	5.5	10.0	12.6	16.0	19.7	26.0	33.8	44.3	71.6	106.8
50°	0.0	5.8	10.3	13.1	16.8	21.5	28.1	38.1	52.7	90.4	149.5
47.5°	0.0	6.1	10.5	13.5	17.6	23.2	30.4	42.2	68.8	108.6	193.5
45°	0.0	6.4	10.8	14.1	18.3	24.9	33.8	46.2	84.4	146.2	235.9
42.5°	0.0	6.6	11.1	14.7	19.1	26.5	37.1	55.4	99.3	182.8	285.3
40°	0.0	6.9	11.3	15.2	20.0	28.0	40.2	67.8	119.0	217.8	334.0
37.5°	0.0	7.1	11.6	15.7	21.2	29.4	43.1	79.7	148.6	253.4	380.4
35°	0.0	7.4	11.8	16.1	22.2	31.4	45.9	90.9	176.5	292.9	425.4
32.5°	0.0	7.6	12.0	16.6	23.3	33.6	50.5	101.4	202.9	330.0	469.2
30°	0.0	7.8	12.2	17.0	24.2	35.7	58.9	114.0	227.5	364.8	510.3
27.5°	0.0	8.0	12.4	17.4	25.1	37.6	66.7	134.0	252.5	397.2	548.5
25°	0.0	8.2	12.6	17.7	25.9	39.3	73.9	152.3	278.9	428.1	584.1
22.5°	0.0	8.3	12.7	18.0	26.7	40.9	80.5	169.1	302.9	456.9	624.1
20°	0.0	8.5	12.9	18.3	27.3	42.3	86.4	184.2	324.6	482.8	660.2
17.5°	0.0	8.6	13.0	18.6	27.9	43.6	91.6	197.6	343.8	505.8	692.2
15°	0.0	8.7	13.1	18.8	28.5	44.7	96.2	209.2	360.6	526.0	720.2
12.5°	0.0	8.8	13.2	19.0	28.9	45.6	100.1	219.2	374.9	543.1	744.1
10°	0.0	8.9	13.3	19.1	29.3	46.4	103.3	227.3	386.6	557.1	763.7
7.5°	0.0	8.9	13.3	19.2	29.5	47.0	105.8	233.7	395.8	568.1	779.0
5°	0.0	9.0	13.4	19.3	29.7	47.5	107.6	238.2	402.3	576.0	790.0
2.5°	0.0	9.0	13.4	19.4	29.9	47.7	108.6	241.0	406.3	580.7	796.6
0°	0.0	9.0	13.4	19.4	29.9	47.8	109.0	241.9	407.6	582.3	798.8
-2.5°	0.0	9.0	13.4	19.4	29.9	47.7	108.6	241.0	406.3	580.7	796.6
-5°	0.0	9.0	13.4	19.3	29.7	47.5	107.6	238.2	402.3	576.0	790.0
-7.5°	0.0	8.9	13.3	19.2	29.5	47.0	105.8	233.7	395.8	568.1	779.0
-10°	0.0	8.9	13.3	19.1	29.3	46.4	103.3	227.3	386.6	557.1	763.7
-12.5°	0.0	8.8	13.2	19.0	28.9	45.6	100.1	219.2	374.9	543.1	744.1
-15°	0.0	8.7	13.1	18.8	28.5	44.7	96.2	209.2	360.6	526.0	720.2
-17.5°	0.0	8.6	13.0	18.6	27.9	43.6	91.6	197.6	343.8	505.8	692.2
-20°	0.0	8.5	12.9	18.3	27.3	42.3	86.4	184.2	324.6	482.8	660.2



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.3	12.7	18.0	26.7	40.9	80.5	169.1	302.9	456.9	624.1
-25°	0.0	8.2	12.6	17.7	25.9	39.3	73.9	152.3	278.9	428.1	584.1
-27.5°	0.0	8.0	12.4	17.4	25.1	37.6	66.7	134.0	252.5	397.2	548.5
-30°	0.0	7.8	12.2	17.0	24.2	35.7	58.9	114.0	227.5	364.8	510.3
-32.5°	0.0	7.6	12.0	16.6	23.3	33.6	50.5	101.4	202.9	330.0	469.2
-35°	0.0	7.4	11.8	16.1	22.2	31.4	45.9	90.9	176.5	292.9	425.4
-37.5°	0.0	7.1	11.6	15.7	21.2	29.4	43.1	79.7	148.6	253.4	380.4
-40°	0.0	6.9	11.3	15.2	20.0	28.0	40.2	67.8	119.0	217.8	334.0
-42.5°	0.0	6.6	11.1	14.7	19.1	26.5	37.1	55.4	99.3	182.8	285.3
-45°	0.0	6.4	10.8	14.1	18.3	24.9	33.8	46.2	84.4	146.2	235.9
-47.5°	0.0	6.1	10.5	13.5	17.6	23.2	30.4	42.2	68.8	108.6	193.5
-50°	0.0	5.8	10.3	13.1	16.8	21.5	28.1	38.1	52.7	90.4	149.5
-52.5°	0.0	5.5	10.0	12.6	16.0	19.7	26.0	33.8	44.3	71.6	106.8
-55°	0.0	5.2	9.6	12.2	15.1	18.5	23.8	29.6	39.3	52.2	85.2
-57.5°	0.0	4.8	9.3	11.7	14.2	17.4	21.5	27.0	34.1	43.3	63.1
-60°	0.0	4.5	9.0	11.2	13.4	16.3	19.2	24.2	29.3	37.3	45.6
-62.5°	0.0	4.2	8.3	10.7	12.7	15.2	17.9	21.4	26.1	31.2	38.9
-65°	0.0	3.8	7.6	10.2	12.0	14.0	16.5	18.9	22.8	27.0	32.0
-67.5°	0.0	3.4	6.9	9.6	11.3	13.0	15.0	17.3	19.5	23.3	27.0
-70°	0.0	3.1	6.1	9.1	10.6	12.1	13.6	15.6	17.5	19.5	22.8
-72.5°	0.0	2.7	5.4	8.1	9.9	11.2	12.5	13.9	15.6	17.3	18.9
-75°	0.0	2.3	4.7	7.0	9.1	10.3	11.4	12.5	13.6	15.0	16.5
-77.5°	0.0	1.9	3.9	5.8	7.8	9.3	10.3	11.2	12.1	13.0	14.0
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.1	9.9	10.6	11.3	12.0
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.1	9.6	10.2
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	9.3	9.6	10.0	10.3	10.5	10.8	11.1	11.3	11.6
82.5°	10.7	11.2	11.7	12.2	12.6	13.1	13.5	14.1	14.7	15.2	15.7
80°	12.7	13.4	14.2	15.1	16.0	16.8	17.6	18.3	19.1	20.0	21.2
77.5°	15.2	16.3	17.4	18.5	19.7	21.5	23.2	24.9	26.5	28.0	29.4
75°	17.9	19.2	21.5	23.8	26.0	28.1	30.4	33.8	37.1	40.2	43.1
72.5°	21.4	24.2	27.0	29.6	33.8	38.1	42.2	46.2	55.4	67.8	79.7
70°	26.1	29.3	34.1	39.3	44.3	52.7	68.8	84.4	99.3	119.0	148.6
67.5°	31.2	37.3	43.3	52.2	71.6	90.4	108.6	146.2	182.8	217.8	253.4
65°	38.9	45.6	63.1	85.2	106.8	149.5	193.5	235.9	285.3	334.0	380.4
62.5°	46.4	68.6	93.5	128.0	179.5	229.5	286.8	345.1	401.2	457.6	511.7
60°	68.6	96.2	140.0	197.6	256.5	324.6	390.5	456.9	521.6	584.1	657.7
57.5°	93.5	140.0	203.6	271.7	347.4	421.9	497.3	570.4	654.8	738.6	819.6
55°	128.0	197.6	271.7	355.1	438.1	521.8	608.2	705.9	800.3	894.8	985.3
52.5°	179.5	256.5	347.4	438.1	530.0	628.7	736.9	843.6	949.3	1050.0	1143.7
50°	229.5	324.6	421.9	521.8	628.7	747.2	865.4	982.3	1092.6	1197.4	1302.4
47.5°	286.8	390.5	497.3	608.2	736.9	865.4	993.3	1114.0	1229.9	1349.5	1465.4
45°	345.1	456.9	570.4	705.9	843.6	982.3	1114.0	1240.8	1373.3	1493.1	1579.4
42.5°	401.2	521.6	654.8	800.3	949.3	1092.6	1229.9	1373.3	1501.5	1596.5	1651.6
40°	457.6	584.1	738.6	894.8	1050.0	1197.4	1349.5	1493.1	1596.5	1654.2	1682.8
37.5°	511.7	657.7	819.6	985.3	1143.7	1302.4	1465.4	1579.4	1651.6	1682.8	1791.3
35°	563.1	727.6	899.1	1069.7	1233.2	1405.9	1545.4	1644.0	1677.6	1781.3	2177.3
32.5°	618.6	793.8	974.3	1148.2	1323.9	1495.1	1619.2	1667.2	1751.6	2007.8	3045.7
30°	675.1	858.2	1044.3	1222.1	1410.0	1560.0	1651.9	1702.8	1839.2	2786.6	3775.3
27.5°	727.6	918.6	1107.7	1295.0	1485.6	1620.9	1671.1	1779.8	2360.6	3489.2	4414.3
25°	776.2	974.3	1166.4	1363.9	1537.8	1648.5	1702.4	1851.6	3004.3	4050.2	4686.0
22.5°	821.5	1025.4	1220.2	1427.1	1585.9	1663.8	1763.9	2329.6	3551.9	4553.7	4852.5
20°	863.3	1069.7	1271.0	1481.2	1629.4	1677.7	1819.9	2834.2	3994.4	4695.8	4989.2
17.5°	900.5	1109.2	1317.7	1516.9	1645.8	1706.2	1929.9	3287.3	4392.6	4823.9	5105.1
15°	933.0	1143.7	1358.6	1548.2	1655.8	1746.8	2297.7	3622.0	4605.3	4932.0	5207.3
12.5°	960.7	1173.2	1393.5	1574.9	1664.4	1781.6	2612.8	3900.2	4695.2	5013.7	5279.7
10°	983.5	1197.4	1422.2	1596.9	1671.5	1810.3	2873.4	4130.5	4769.8	5081.7	5340.0
7.5°	1001.3	1216.3	1444.7	1614.1	1677.0	1832.8	3077.8	4311.4	4828.5	5135.2	5387.6
5°	1014.1	1229.9	1460.8	1626.5	1681.0	1848.9	3224.8	4441.6	4870.8	5173.8	5422.0
2.5°	1021.7	1238.1	1470.5	1633.9	1683.4	1858.6	3313.4	4520.2	4896.3	5197.1	5442.7
0°	1024.3	1240.8	1473.7	1636.4	1684.2	1861.9	3343.0	4546.4	4904.8	5204.9	5449.7
-2.5°	1021.7	1238.1	1470.5	1633.9	1683.4	1858.6	3313.4	4520.2	4896.3	5197.1	5442.7
-5°	1014.1	1229.9	1460.8	1626.5	1681.0	1848.9	3224.8	4441.6	4870.8	5173.8	5422.0
-7.5°	1001.3	1216.3	1444.7	1614.1	1677.0	1832.8	3077.8	4311.4	4828.5	5135.2	5387.6
-10°	983.5	1197.4	1422.2	1596.9	1671.5	1810.3	2873.4	4130.5	4769.8	5081.7	5340.0
-12.5°	960.7	1173.2	1393.5	1574.9	1664.4	1781.6	2612.8	3900.2	4695.2	5013.7	5279.7
-15°	933.0	1143.7	1358.6	1548.2	1655.8	1746.8	2297.7	3622.0	4605.3	4932.0	5207.3
-17.5°	900.5	1109.2	1317.7	1516.9	1645.8	1706.2	1929.9	3287.3	4392.6	4823.9	5105.1
-20°	863.3	1069.7	1271.0	1481.2	1629.4	1677.7	1819.9	2834.2	3994.4	4695.8	4989.2



REPORT NUMBER: P1305942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	821.5	1025.4	1220.2	1427.1	1585.9	1663.8	1763.9	2329.6	3551.9	4553.7	4852.5
-25°	776.2	974.3	1166.4	1363.9	1537.8	1648.5	1702.4	1851.6	3004.3	4050.2	4686.0
-27.5°	727.6	918.6	1107.7	1295.0	1485.6	1620.9	1671.1	1779.8	2360.6	3489.2	4414.3
-30°	675.1	858.2	1044.3	1222.1	1410.0	1560.0	1651.9	1702.8	1839.2	2786.6	3775.3
-32.5°	618.6	793.8	974.3	1148.2	1323.9	1495.1	1619.2	1667.2	1751.6	2007.8	3045.7
-35°	563.1	727.6	899.1	1069.7	1233.2	1405.9	1545.4	1644.0	1677.6	1781.3	2177.3
-37.5°	511.7	657.7	819.6	985.3	1143.7	1302.4	1465.4	1579.4	1651.6	1682.8	1791.3
-40°	457.6	584.1	738.6	894.8	1050.0	1197.4	1349.5	1493.1	1596.5	1654.2	1682.8
-42.5°	401.2	521.6	654.8	800.3	949.3	1092.6	1229.9	1373.3	1501.5	1596.5	1651.6
-45°	345.1	456.9	570.4	705.9	843.6	982.3	1114.0	1240.8	1373.3	1493.1	1579.4
-47.5°	286.8	390.5	497.3	608.2	736.9	865.4	993.3	1114.0	1229.9	1349.5	1465.4
-50°	229.5	324.6	421.9	521.8	628.7	747.2	865.4	982.3	1092.6	1197.4	1302.4
-52.5°	179.5	256.5	347.4	438.1	530.0	628.7	736.9	843.6	949.3	1050.0	1143.7
-55°	128.0	197.6	271.7	355.1	438.1	521.8	608.2	705.9	800.3	894.8	985.3
-57.5°	93.5	140.0	203.6	271.7	347.4	421.9	497.3	570.4	654.8	738.6	819.6
-60°	68.6	96.2	140.0	197.6	256.5	324.6	390.5	456.9	521.6	584.1	657.7
-62.5°	46.4	68.6	93.5	128.0	179.5	229.5	286.8	345.1	401.2	457.6	511.7
-65°	38.9	45.6	63.1	85.2	106.8	149.5	193.5	235.9	285.3	334.0	380.4
-67.5°	31.2	37.3	43.3	52.2	71.6	90.4	108.6	146.2	182.8	217.8	253.4
-70°	26.1	29.3	34.1	39.3	44.3	52.7	68.8	84.4	99.3	119.0	148.6
-72.5°	21.4	24.2	27.0	29.6	33.8	38.1	42.2	46.2	55.4	67.8	79.7
-75°	17.9	19.2	21.5	23.8	26.0	28.1	30.4	33.8	37.1	40.2	43.1
-77.5°	15.2	16.3	17.4	18.5	19.7	21.5	23.2	24.9	26.5	28.0	29.4
-80°	12.7	13.4	14.2	15.1	16.0	16.8	17.6	18.3	19.1	20.0	21.2
-82.5°	10.7	11.2	11.7	12.2	12.6	13.1	13.5	14.1	14.7	15.2	15.7
-85°	8.3	9.0	9.3	9.6	10.0	10.3	10.5	10.8	11.1	11.3	11.6
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9
85°	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.1	13.2	13.3
82.5°	16.1	16.6	17.0	17.4	17.7	18.0	18.3	18.6	18.8	19.0	19.1
80°	22.2	23.3	24.2	25.1	25.9	26.7	27.3	27.9	28.5	28.9	29.3
77.5°	31.4	33.6	35.7	37.6	39.3	40.9	42.3	43.6	44.7	45.6	46.4
75°	45.9	50.5	58.9	66.7	73.9	80.5	86.4	91.6	96.2	100.1	103.3
72.5°	90.9	101.4	114.0	134.0	152.3	169.1	184.2	197.6	209.2	219.2	227.3
70°	176.5	202.9	227.5	252.5	278.9	302.9	324.6	343.8	360.6	374.9	386.6
67.5°	292.9	330.0	364.8	397.2	428.1	456.9	482.8	505.8	526.0	543.1	557.1
65°	425.4	469.2	510.3	548.5	584.1	624.1	660.2	692.2	720.2	744.1	763.7
62.5°	563.1	618.6	675.1	727.6	776.2	821.5	863.3	900.5	933.0	960.7	983.5
60°	727.6	793.8	858.2	918.6	974.3	1025.4	1069.7	1109.2	1143.7	1173.2	1197.4
57.5°	899.1	974.3	1044.3	1107.7	1166.4	1220.2	1271.0	1317.7	1358.6	1393.5	1422.2
55°	1069.7	1148.2	1222.1	1295.0	1363.9	1427.1	1481.2	1516.9	1548.2	1574.9	1596.9
52.5°	1233.2	1323.9	1410.0	1485.6	1537.8	1585.9	1629.4	1645.8	1655.8	1664.4	1671.5
50°	1405.9	1495.1	1560.0	1620.9	1648.5	1663.8	1677.7	1706.2	1746.8	1781.6	1810.3
47.5°	1545.4	1619.2	1651.9	1671.1	1702.4	1763.9	1819.9	1929.9	2297.7	2612.8	2873.4
45°	1644.0	1667.2	1702.8	1779.8	1851.6	2329.6	2834.2	3287.3	3622.0	3900.2	4130.5
42.5°	1677.6	1751.6	1839.2	2360.6	3004.3	3551.9	3994.4	4392.6	4605.3	4695.2	4769.8
40°	1781.3	2007.8	2786.6	3489.2	4050.2	4553.7	4695.8	4823.9	4932.0	5013.7	5081.7
37.5°	2177.3	3045.7	3775.3	4414.3	4686.0	4852.5	4989.2	5105.1	5207.3	5279.7	5340.0
35°	3132.7	3920.0	4573.2	4776.0	4957.2	5106.8	5237.4	5339.5	5430.3	5461.6	5474.9
32.5°	3920.0	4595.4	4821.6	5015.9	5187.0	5321.1	5442.1	5470.4	5490.2	5498.0	5496.2
30°	4573.2	4821.6	5035.7	5223.5	5372.4	5462.3	5488.5	5497.4	5494.7	5485.1	5456.9
27.5°	4776.0	5015.9	5223.5	5389.6	5469.5	5498.9	5495.5	5483.3	5441.7	5405.2	5527.4
25°	4957.2	5187.0	5372.4	5469.5	5498.5	5494.5	5461.6	5411.7	5558.7	5717.9	6847.6
22.5°	5106.8	5321.1	5462.3	5498.9	5494.5	5454.3	5439.5	5654.4	6819.7	8775.5	12271.6
20°	5237.4	5442.1	5488.5	5495.5	5461.6	5439.5	5686.9	7585.5	10680.5	17972.5	25044.3
17.5°	5339.5	5470.4	5497.4	5483.3	5411.7	5654.4	7585.5	12074.3	20928.2	32659.6	44064.1
15°	5430.3	5490.2	5494.7	5441.7	5558.7	6819.7	10680.5	20928.2	35271.6	53117.6	74843.2
12.5°	5461.6	5498.0	5485.1	5405.2	5717.9	8775.5	17972.5	32659.6	53117.6	80119.9	113185.1
10°	5474.9	5496.2	5456.9	5527.4	6847.6	12271.6	25044.3	44064.1	74843.2	113185.1	154577.5
7.5°	5485.3	5494.8	5434.5	5625.7	8066.2	16868.1	33402.0	59625.8	97382.6	143816.7	198759.0
5°	5492.9	5493.8	5418.2	5697.4	8959.4	20256.8	39611.2	71665.9	116547.6	172006.4	236079.7
2.5°	5497.5	5493.2	5408.3	5741.1	9505.0	22335.8	43442.7	79156.3	128614.4	191263.2	260414.1
0°	5499.0	5493.0	5405.0	5755.8	9688.6	23036.8	44738.7	81701.4	132742.4	198114.0	268947.3
-2.5°	5497.5	5493.2	5408.3	5741.1	9505.0	22335.8	43442.7	79156.3	128614.4	191263.2	260414.1
-5°	5492.9	5493.8	5418.2	5697.4	8959.4	20256.8	39611.2	71665.9	116547.6	172006.4	236079.7
-7.5°	5485.3	5494.8	5434.5	5625.7	8066.2	16868.1	33402.0	59625.8	97382.6	143816.7	198759.0
-10°	5474.9	5496.2	5456.9	5527.4	6847.6	12271.6	25044.3	44064.1	74843.2	113185.1	154577.5
-12.5°	5461.6	5498.0	5485.1	5405.2	5717.9	8775.5	17972.5	32659.6	53117.6	80119.9	113185.1
-15°	5430.3	5490.2	5494.7	5441.7	5558.7	6819.7	10680.5	20928.2	35271.6	53117.6	74843.2
-17.5°	5339.5	5470.4	5497.4	5483.3	5411.7	5654.4	7585.5	12074.3	20928.2	32659.6	44064.1
-20°	5237.4	5442.1	5488.5	5495.5	5461.6	5439.5	5686.9	7585.5	10680.5	17972.5	25044.3



REPORT NUMBER: P1305942 (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°	5106.8	5321.1	5462.3	5498.9	5494.5	5454.3	5439.5	5654.4	6819.7	8775.5	12271.6
-25°	4957.2	5187.0	5372.4	5469.5	5498.5	5494.5	5461.6	5411.7	5558.7	5717.9	6847.6
-27.5°	4776.0	5015.9	5223.5	5389.6	5469.5	5498.9	5495.5	5483.3	5441.7	5405.2	5527.4
-30°	4573.2	4821.6	5035.7	5223.5	5372.4	5462.3	5488.5	5497.4	5494.7	5485.1	5456.9
-32.5°	3920.0	4595.4	4821.6	5015.9	5187.0	5321.1	5442.1	5470.4	5490.2	5498.0	5496.2
-35°	3132.7	3920.0	4573.2	4776.0	4957.2	5106.8	5237.4	5339.5	5430.3	5461.6	5474.9
-37.5°	2177.3	3045.7	3775.3	4414.3	4686.0	4852.5	4989.2	5105.1	5207.3	5279.7	5340.0
-40°	1781.3	2007.8	2786.6	3489.2	4050.2	4553.7	4695.8	4823.9	4932.0	5013.7	5081.7
-42.5°	1677.6	1751.6	1839.2	2360.6	3004.3	3551.9	3994.4	4392.6	4605.3	4695.2	4769.8
-45°	1644.0	1667.2	1702.8	1779.8	1851.6	2329.6	2834.2	3287.3	3622.0	3900.2	4130.5
-47.5°	1545.4	1619.2	1651.9	1671.1	1702.4	1763.9	1819.9	1929.9	2297.7	2612.8	2873.4
-50°	1405.9	1495.1	1560.0	1620.9	1648.5	1663.8	1677.7	1706.2	1746.8	1781.6	1810.3
-52.5°	1233.2	1323.9	1410.0	1485.6	1537.8	1585.9	1629.4	1645.8	1655.8	1664.4	1671.5
-55°	1069.7	1148.2	1222.1	1295.0	1363.9	1427.1	1481.2	1516.9	1548.2	1574.9	1596.9
-57.5°	899.1	974.3	1044.3	1107.7	1166.4	1220.2	1271.0	1317.7	1358.6	1393.5	1422.2
-60°	727.6	793.8	858.2	918.6	974.3	1025.4	1069.7	1109.2	1143.7	1173.2	1197.4
-62.5°	563.1	618.6	675.1	727.6	776.2	821.5	863.3	900.5	933.0	960.7	983.5
-65°	425.4	469.2	510.3	548.5	584.1	624.1	660.2	692.2	720.2	744.1	763.7
-67.5°	292.9	330.0	364.8	397.2	428.1	456.9	482.8	505.8	526.0	543.1	557.1
-70°	176.5	202.9	227.5	252.5	278.9	302.9	324.6	343.8	360.6	374.9	386.6
-72.5°	90.9	101.4	114.0	134.0	152.3	169.1	184.2	197.6	209.2	219.2	227.3
-75°	45.9	50.5	58.9	66.7	73.9	80.5	86.4	91.6	96.2	100.1	103.3
-77.5°	31.4	33.6	35.7	37.6	39.3	40.9	42.3	43.6	44.7	45.6	46.4
-80°	22.2	23.3	24.2	25.1	25.9	26.7	27.3	27.9	28.5	28.9	29.3
-82.5°	16.1	16.6	17.0	17.4	17.7	18.0	18.3	18.6	18.8	19.0	19.1
-85°	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.1	13.2	13.3
-87.5°	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
85°	13.3	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.1	13.0
82.5°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.1	19.0	18.8	18.6
80°	29.5	29.7	29.9	29.9	29.9	29.7	29.5	29.3	28.9	28.5	27.9
77.5°	47.0	47.5	47.7	47.8	47.7	47.5	47.0	46.4	45.6	44.7	43.6
75°	105.8	107.6	108.6	109.0	108.6	107.6	105.8	103.3	100.1	96.2	91.6
72.5°	233.7	238.2	241.0	241.9	241.0	238.2	233.7	227.3	219.2	209.2	197.6
70°	395.8	402.3	406.3	407.6	406.3	402.3	395.8	386.6	374.9	360.6	343.8
67.5°	568.1	576.0	580.7	582.3	580.7	576.0	568.1	557.1	543.1	526.0	505.8
65°	779.0	790.0	796.6	798.8	796.6	790.0	779.0	763.7	744.1	720.2	692.2
62.5°	1001.3	1014.1	1021.7	1024.3	1021.7	1014.1	1001.3	983.5	960.7	933.0	900.5
60°	1216.3	1229.9	1238.1	1240.8	1238.1	1229.9	1216.3	1197.4	1173.2	1143.7	1109.2
57.5°	1444.7	1460.8	1470.5	1473.7	1470.5	1460.8	1444.7	1422.2	1393.5	1358.6	1317.7
55°	1614.1	1626.5	1633.9	1636.4	1633.9	1626.5	1614.1	1596.9	1574.9	1548.2	1516.9
52.5°	1677.0	1681.0	1683.4	1684.2	1683.4	1681.0	1677.0	1671.5	1664.4	1655.8	1645.8
50°	1832.8	1848.9	1858.6	1861.9	1858.6	1848.9	1832.8	1810.3	1781.6	1746.8	1706.2
47.5°	3077.8	3224.8	3313.4	3343.0	3313.4	3224.8	3077.8	2873.4	2612.8	2297.7	1929.9
45°	4311.4	4441.6	4520.2	4546.4	4520.2	4441.6	4311.4	4130.5	3900.2	3622.0	3287.3
42.5°	4828.5	4870.8	4896.3	4904.8	4896.3	4870.8	4828.5	4769.8	4695.2	4605.3	4392.6
40°	5135.2	5173.8	5197.1	5204.9	5197.1	5173.8	5135.2	5081.7	5013.7	4932.0	4823.9
37.5°	5387.6	5422.0	5442.7	5449.7	5442.7	5422.0	5387.6	5340.0	5279.7	5207.3	5105.1
35°	5485.3	5492.9	5497.5	5499.0	5497.5	5492.9	5485.3	5474.9	5461.6	5430.3	5339.5
32.5°	5494.8	5493.8	5493.2	5493.0	5493.2	5493.8	5494.8	5496.2	5498.0	5490.2	5470.4
30°	5434.5	5418.2	5408.3	5405.0	5408.3	5418.2	5434.5	5456.9	5485.1	5494.7	5497.4
27.5°	5625.7	5697.4	5741.1	5755.8	5741.1	5697.4	5625.7	5527.4	5405.2	5441.7	5483.3
25°	8066.2	8959.4	9505.0	9688.6	9505.0	8959.4	8066.2	6847.6	5717.9	5558.7	5411.7
22.5°	16868.1	20256.8	22335.8	23036.8	22335.8	20256.8	16868.1	12271.6	8775.5	6819.7	5654.4
20°	33402.0	39611.2	43442.7	44738.7	43442.7	39611.2	33402.0	25044.3	17972.5	10680.5	7585.5
17.5°	59625.8	71665.9	79156.3	81701.4	79156.3	71665.9	59625.8	44064.1	32659.6	20928.2	12074.3
15°	97382.6	116547.6	128614.4	132742.4	128614.4	116547.6	97382.6	74843.2	53117.6	35271.6	20928.2
12.5°	143816.7	172006.4	191263.2	198114.0	191263.2	172006.4	143816.7	113185.1	80119.9	53117.6	32659.6
10°	198759.0	236079.7	260414.1	268947.3	260414.1	236079.7	198759.0	154577.5	113185.1	74843.2	44064.1
7.5°	252383.5	296691.6	329374.2	341202.7	329374.2	296691.6	252383.5	198759.0	143816.7	97382.6	59625.8
5°	296691.6	353910.6	388994.5	400084.6	388994.5	353910.6	296691.6	236079.7	172006.4	116547.6	71665.9
2.5°	329374.2	388994.5	426919.6	446584.4	426919.6	388994.5	329374.2	260414.1	191263.2	128614.4	79156.3
0°	341202.7	400084.6	446584.4	479963.0	446584.4	400084.6	341202.7	268947.3	198114.0	132742.4	81701.4
-2.5°	329374.2	388994.5	426919.6	446584.4	426919.6	388994.5	329374.2	260414.1	191263.2	128614.4	79156.3
-5°	296691.6	353910.6	388994.5	400084.6	388994.5	353910.6	296691.6	236079.7	172006.4	116547.6	71665.9
-7.5°	252383.5	296691.6	329374.2	341202.7	329374.2	296691.6	252383.5	198759.0	143816.7	97382.6	59625.8
-10°	198759.0	236079.7	260414.1	268947.3	260414.1	236079.7	198759.0	154577.5	113185.1	74843.2	44064.1
-12.5°	143816.7	172006.4	191263.2	198114.0	191263.2	172006.4	143816.7	113185.1	80119.9	53117.6	32659.6
-15°	97382.6	116547.6	128614.4	132742.4	128614.4	116547.6	97382.6	74843.2	53117.6	35271.6	20928.2
-17.5°	59625.8	71665.9	79156.3	81701.4	79156.3	71665.9	59625.8	44064.1	32659.6	20928.2	12074.3
-20°	33402.0	39611.2	43442.7	44738.7	43442.7	39611.2	33402.0	25044.3	17972.5	10680.5	7585.5



REPORT NUMBER: P1305942 (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°	16868.1	20256.8	22335.8	23036.8	22335.8	20256.8	16868.1	12271.6	8775.5	6819.7	5654.4
-25°	8066.2	8959.4	9505.0	9688.6	9505.0	8959.4	8066.2	6847.6	5717.9	5558.7	5411.7
-27.5°	5625.7	5697.4	5741.1	5755.8	5741.1	5697.4	5625.7	5527.4	5405.2	5441.7	5483.3
-30°	5434.5	5418.2	5408.3	5405.0	5408.3	5418.2	5434.5	5456.9	5485.1	5494.7	5497.4
-32.5°	5494.8	5493.8	5493.2	5493.0	5493.2	5493.8	5494.8	5496.2	5498.0	5490.2	5470.4
-35°	5485.3	5492.9	5497.5	5499.0	5497.5	5492.9	5485.3	5474.9	5461.6	5430.3	5339.5
-37.5°	5387.6	5422.0	5442.7	5449.7	5442.7	5422.0	5387.6	5340.0	5279.7	5207.3	5105.1
-40°	5135.2	5173.8	5197.1	5204.9	5197.1	5173.8	5135.2	5081.7	5013.7	4932.0	4823.9
-42.5°	4828.5	4870.8	4896.3	4904.8	4896.3	4870.8	4828.5	4769.8	4695.2	4605.3	4392.6
-45°	4311.4	4441.6	4520.2	4546.4	4520.2	4441.6	4311.4	4130.5	3900.2	3622.0	3287.3
-47.5°	3077.8	3224.8	3313.4	3343.0	3313.4	3224.8	3077.8	2873.4	2612.8	2297.7	1929.9
-50°	1832.8	1848.9	1858.6	1861.9	1858.6	1848.9	1832.8	1810.3	1781.6	1746.8	1706.2
-52.5°	1677.0	1681.0	1683.4	1684.2	1683.4	1681.0	1677.0	1671.5	1664.4	1655.8	1645.8
-55°	1614.1	1626.5	1633.9	1636.4	1633.9	1626.5	1614.1	1596.9	1574.9	1548.2	1516.9
-57.5°	1444.7	1460.8	1470.5	1473.7	1470.5	1460.8	1444.7	1422.2	1393.5	1358.6	1317.7
-60°	1216.3	1229.9	1238.1	1240.8	1238.1	1229.9	1216.3	1197.4	1173.2	1143.7	1109.2
-62.5°	1001.3	1014.1	1021.7	1024.3	1021.7	1014.1	1001.3	983.5	960.7	933.0	900.5
-65°	779.0	790.0	796.6	798.8	796.6	790.0	779.0	763.7	744.1	720.2	692.2
-67.5°	568.1	576.0	580.7	582.3	580.7	576.0	568.1	557.1	543.1	526.0	505.8
-70°	395.8	402.3	406.3	407.6	406.3	402.3	395.8	386.6	374.9	360.6	343.8
-72.5°	233.7	238.2	241.0	241.9	241.0	238.2	233.7	227.3	219.2	209.2	197.6
-75°	105.8	107.6	108.6	109.0	108.6	107.6	105.8	103.3	100.1	96.2	91.6
-77.5°	47.0	47.5	47.7	47.8	47.7	47.5	47.0	46.4	45.6	44.7	43.6
-80°	29.5	29.7	29.9	29.9	29.9	29.7	29.5	29.3	28.9	28.5	27.9
-82.5°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.1	19.0	18.8	18.6
-85°	13.3	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.1	13.0
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.6	6.4
85°	12.9	12.7	12.6	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.8
82.5°	18.3	18.0	17.7	17.4	17.0	16.6	16.1	15.7	15.2	14.7	14.1
80°	27.3	26.7	25.9	25.1	24.2	23.3	22.2	21.2	20.0	19.1	18.3
77.5°	42.3	40.9	39.3	37.6	35.7	33.6	31.4	29.4	28.0	26.5	24.9
75°	86.4	80.5	73.9	66.7	58.9	50.5	45.9	43.1	40.2	37.1	33.8
72.5°	184.2	169.1	152.3	134.0	114.0	101.4	90.9	79.7	67.8	55.4	46.2
70°	324.6	302.9	278.9	252.5	227.5	202.9	176.5	148.6	119.0	99.3	84.4
67.5°	482.8	456.9	428.1	397.2	364.8	330.0	292.9	253.4	217.8	182.8	146.2
65°	660.2	624.1	584.1	548.5	510.3	469.2	425.4	380.4	334.0	285.3	235.9
62.5°	863.3	821.5	776.2	727.6	675.1	618.6	563.1	511.7	457.6	401.2	345.1
60°	1069.7	1025.4	974.3	918.6	858.2	793.8	727.6	657.7	584.1	521.6	456.9
57.5°	1271.0	1220.2	1166.4	1107.7	1044.3	974.3	899.1	819.6	738.6	654.8	570.4
55°	1481.2	1427.1	1363.9	1295.0	1222.1	1148.2	1069.7	985.3	894.8	800.3	705.9
52.5°	1629.4	1585.9	1537.8	1485.6	1410.0	1323.9	1233.2	1143.7	1050.0	949.3	843.6
50°	1677.7	1663.8	1648.5	1620.9	1560.0	1495.1	1405.9	1302.4	1197.4	1092.6	982.3
47.5°	1819.9	1763.9	1702.4	1671.1	1651.9	1619.2	1545.4	1465.4	1349.5	1229.9	1114.0
45°	2834.2	2329.6	1851.6	1779.8	1702.8	1667.2	1644.0	1579.4	1493.1	1373.3	1240.8
42.5°	3994.4	3551.9	3004.3	2360.6	1839.2	1751.6	1677.6	1651.6	1596.5	1501.5	1373.3
40°	4695.8	4553.7	4050.2	3489.2	2786.6	2007.8	1781.3	1682.8	1654.2	1596.5	1493.1
37.5°	4989.2	4852.5	4686.0	4414.3	3775.3	3045.7	2177.3	1791.3	1682.8	1651.6	1579.4
35°	5237.4	5106.8	4957.2	4776.0	4573.2	3920.0	3132.7	2177.3	1781.3	1677.6	1644.0
32.5°	5442.1	5321.1	5187.0	5015.9	4821.6	4595.4	3920.0	3045.7	2007.8	1751.6	1667.2
30°	5488.5	5462.3	5372.4	5223.5	5035.7	4821.6	4573.2	3775.3	2786.6	1839.2	1702.8
27.5°	5495.5	5498.9	5469.5	5389.6	5223.5	5015.9	4776.0	4414.3	3489.2	2360.6	1779.8
25°	5461.6	5494.5	5498.5	5469.5	5372.4	5187.0	4957.2	4686.0	4050.2	3004.3	1851.6
22.5°	5439.5	5454.3	5494.5	5498.9	5462.3	5321.1	5106.8	4852.5	4553.7	3551.9	2329.6
20°	5686.9	5439.5	5461.6	5495.5	5488.5	5442.1	5237.4	4989.2	4695.8	3994.4	2834.2
17.5°	7585.5	5654.4	5411.7	5483.3	5497.4	5470.4	5339.5	5105.1	4823.9	4392.6	3287.3
15°	10680.5	6819.7	5558.7	5441.7	5494.7	5490.2	5430.3	5207.3	4932.0	4605.3	3622.0
12.5°	17972.5	8775.5	5717.9	5405.2	5485.1	5498.0	5461.6	5279.7	5013.7	4695.2	3900.2
10°	25044.3	12271.6	6847.6	5527.4	5456.9	5496.2	5474.9	5340.0	5081.7	4769.8	4130.5
7.5°	33402.0	16868.1	8066.2	5625.7	5434.5	5494.8	5485.3	5387.6	5135.2	4828.5	4311.4
5°	39611.2	20256.8	8959.4	5697.4	5418.2	5493.8	5492.9	5422.0	5173.8	4870.8	4441.6
2.5°	43442.7	22335.8	9505.0	5741.1	5408.3	5493.2	5497.5	5442.7	5197.1	4896.3	4520.2
0°	44738.7	23036.8	9688.6	5755.8	5405.0	5493.0	5499.0	5449.7	5204.9	4904.8	4546.4
-2.5°	43442.7	22335.8	9505.0	5741.1	5408.3	5493.2	5497.5	5442.7	5197.1	4896.3	4520.2
-5°	39611.2	20256.8	8959.4	5697.4	5418.2	5493.8	5492.9	5422.0	5173.8	4870.8	4441.6
-7.5°	33402.0	16868.1	8066.2	5625.7	5434.5	5494.8	5485.3	5387.6	5135.2	4828.5	4311.4
-10°	25044.3	12271.6	6847.6	5527.4	5456.9	5496.2	5474.9	5340.0	5081.7	4769.8	4130.5
-12.5°	17972.5	8775.5	5717.9	5405.2	5485.1	5498.0	5461.6	5279.7	5013.7	4695.2	3900.2
-15°	10680.5	6819.7	5558.7	5441.7	5494.7	5490.2	5430.3	5207.3	4932.0	4605.3	3622.0
-17.5°	7585.5	5654.4	5411.7	5483.3	5497.4	5470.4	5339.5	5105.1	4823.9	4392.6	3287.3
-20°	5686.9	5439.5	5461.6	5495.5	5488.5	5442.1	5237.4	4989.2	4695.8	3994.4	2834.2



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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°	5439.5	5454.3	5494.5	5498.9	5462.3	5321.1	5106.8	4852.5	4553.7	3551.9	2329.6
-25°	5461.6	5494.5	5498.5	5469.5	5372.4	5187.0	4957.2	4686.0	4050.2	3004.3	1851.6
-27.5°	5495.5	5498.9	5469.5	5389.6	5223.5	5015.9	4776.0	4414.3	3489.2	2360.6	1779.8
-30°	5488.5	5462.3	5372.4	5223.5	5035.7	4821.6	4573.2	3775.3	2786.6	1839.2	1702.8
-32.5°	5442.1	5321.1	5187.0	5015.9	4821.6	4595.4	3920.0	3045.7	2007.8	1751.6	1667.2
-35°	5237.4	5106.8	4957.2	4776.0	4573.2	3920.0	3132.7	2177.3	1781.3	1677.6	1644.0
-37.5°	4989.2	4852.5	4686.0	4414.3	3775.3	3045.7	2177.3	1791.3	1682.8	1651.6	1579.4
-40°	4695.8	4553.7	4050.2	3489.2	2786.6	2007.8	1781.3	1682.8	1654.2	1596.5	1493.1
-42.5°	3994.4	3551.9	3004.3	2360.6	1839.2	1751.6	1677.6	1651.6	1596.5	1501.5	1373.3
-45°	2834.2	2329.6	1851.6	1779.8	1702.8	1667.2	1644.0	1579.4	1493.1	1373.3	1240.8
-47.5°	1819.9	1763.9	1702.4	1671.1	1651.9	1619.2	1545.4	1465.4	1349.5	1229.9	1114.0
-50°	1677.7	1663.8	1648.5	1620.9	1560.0	1495.1	1405.9	1302.4	1197.4	1092.6	982.3
-52.5°	1629.4	1585.9	1537.8	1485.6	1410.0	1323.9	1233.2	1143.7	1050.0	949.3	843.6
-55°	1481.2	1427.1	1363.9	1295.0	1222.1	1148.2	1069.7	985.3	894.8	800.3	705.9
-57.5°	1271.0	1220.2	1166.4	1107.7	1044.3	974.3	899.1	819.6	738.6	654.8	570.4
-60°	1069.7	1025.4	974.3	918.6	858.2	793.8	727.6	657.7	584.1	521.6	456.9
-62.5°	863.3	821.5	776.2	727.6	675.1	618.6	563.1	511.7	457.6	401.2	345.1
-65°	660.2	624.1	584.1	548.5	510.3	469.2	425.4	380.4	334.0	285.3	235.9
-67.5°	482.8	456.9	428.1	397.2	364.8	330.0	292.9	253.4	217.8	182.8	146.2
-70°	324.6	302.9	278.9	252.5	227.5	202.9	176.5	148.6	119.0	99.3	84.4
-72.5°	184.2	169.1	152.3	134.0	114.0	101.4	90.9	79.7	67.8	55.4	46.2
-75°	86.4	80.5	73.9	66.7	58.9	50.5	45.9	43.1	40.2	37.1	33.8
-77.5°	42.3	40.9	39.3	37.6	35.7	33.6	31.4	29.4	28.0	26.5	24.9
-80°	27.3	26.7	25.9	25.1	24.2	23.3	22.2	21.2	20.0	19.1	18.3
-82.5°	18.3	18.0	17.7	17.4	17.0	16.6	16.1	15.7	15.2	14.7	14.1
-85°	12.9	12.7	12.6	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.8
-87.5°	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.6	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	10.5	10.3	10.0	9.6	9.3	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	13.5	13.1	12.6	12.2	11.7	11.2	10.7	10.2	9.6	9.1	8.1
80°	17.6	16.8	16.0	15.1	14.2	13.4	12.7	12.0	11.3	10.6	9.9
77.5°	23.2	21.5	19.7	18.5	17.4	16.3	15.2	14.0	13.0	12.1	11.2
75°	30.4	28.1	26.0	23.8	21.5	19.2	17.9	16.5	15.0	13.6	12.5
72.5°	42.2	38.1	33.8	29.6	27.0	24.2	21.4	18.9	17.3	15.6	13.9
70°	68.8	52.7	44.3	39.3	34.1	29.3	26.1	22.8	19.5	17.5	15.6
67.5°	108.6	90.4	71.6	52.2	43.3	37.3	31.2	27.0	23.3	19.5	17.3
65°	193.5	149.5	106.8	85.2	63.1	45.6	38.9	32.0	27.0	22.8	18.9
62.5°	286.8	229.5	179.5	128.0	93.5	68.6	46.4	38.9	31.2	26.1	21.4
60°	390.5	324.6	256.5	197.6	140.0	96.2	68.6	45.6	37.3	29.3	24.2
57.5°	497.3	421.9	347.4	271.7	203.6	140.0	93.5	63.1	43.3	34.1	27.0
55°	608.2	521.8	438.1	355.1	271.7	197.6	128.0	85.2	52.2	39.3	29.6
52.5°	736.9	628.7	530.0	438.1	347.4	256.5	179.5	106.8	71.6	44.3	33.8
50°	865.4	747.2	628.7	521.8	421.9	324.6	229.5	149.5	90.4	52.7	38.1
47.5°	993.3	865.4	736.9	608.2	497.3	390.5	286.8	193.5	108.6	68.8	42.2
45°	1114.0	982.3	843.6	705.9	570.4	456.9	345.1	235.9	146.2	84.4	46.2
42.5°	1229.9	1092.6	949.3	800.3	654.8	521.6	401.2	285.3	182.8	99.3	55.4
40°	1349.5	1197.4	1050.0	894.8	738.6	584.1	457.6	334.0	217.8	119.0	67.8
37.5°	1465.4	1302.4	1143.7	985.3	819.6	657.7	511.7	380.4	253.4	148.6	79.7
35°	1545.4	1405.9	1233.2	1069.7	899.1	727.6	563.1	425.4	292.9	176.5	90.9
32.5°	1619.2	1495.1	1323.9	1148.2	974.3	793.8	618.6	469.2	330.0	202.9	101.4
30°	1651.9	1560.0	1410.0	1222.1	1044.3	858.2	675.1	510.3	364.8	227.5	114.0
27.5°	1671.1	1620.9	1485.6	1295.0	1107.7	918.6	727.6	548.5	397.2	252.5	134.0
25°	1702.4	1648.5	1537.8	1363.9	1166.4	974.3	776.2	584.1	428.1	278.9	152.3
22.5°	1763.9	1663.8	1585.9	1427.1	1220.2	1025.4	821.5	624.1	456.9	302.9	169.1
20°	1819.9	1677.7	1629.4	1481.2	1271.0	1069.7	863.3	660.2	482.8	324.6	184.2
17.5°	1929.9	1706.2	1645.8	1516.9	1317.7	1109.2	900.5	692.2	505.8	343.8	197.6
15°	2297.7	1746.8	1655.8	1548.2	1358.6	1143.7	933.0	720.2	526.0	360.6	209.2
12.5°	2612.8	1781.6	1664.4	1574.9	1393.5	1173.2	960.7	744.1	543.1	374.9	219.2
10°	2873.4	1810.3	1671.5	1596.9	1422.2	1197.4	983.5	763.7	557.1	386.6	227.3
7.5°	3077.8	1832.8	1677.0	1614.1	1444.7	1216.3	1001.3	779.0	568.1	395.8	233.7
5°	3224.8	1848.9	1681.0	1626.5	1460.8	1229.9	1014.1	790.0	576.0	402.3	238.2
2.5°	3313.4	1858.6	1683.4	1633.9	1470.5	1238.1	1021.7	796.6	580.7	406.3	241.0
0°	3343.0	1861.9	1684.2	1636.4	1473.7	1240.8	1024.3	798.8	582.3	407.6	241.9
-2.5°	3313.4	1858.6	1683.4	1633.9	1470.5	1238.1	1021.7	796.6	580.7	406.3	241.0
-5°	3224.8	1848.9	1681.0	1626.5	1460.8	1229.9	1014.1	790.0	576.0	402.3	238.2
-7.5°	3077.8	1832.8	1677.0	1614.1	1444.7	1216.3	1001.3	779.0	568.1	395.8	233.7
-10°	2873.4	1810.3	1671.5	1596.9	1422.2	1197.4	983.5	763.7	557.1	386.6	227.3
-12.5°	2612.8	1781.6	1664.4	1574.9	1393.5	1173.2	960.7	744.1	543.1	374.9	219.2
-15°	2297.7	1746.8	1655.8	1548.2	1358.6	1143.7	933.0	720.2	526.0	360.6	209.2
-17.5°	1929.9	1706.2	1645.8	1516.9	1317.7	1109.2	900.5	692.2	505.8	343.8	197.6
-20°	1819.9	1677.7	1629.4	1481.2	1271.0	1069.7	863.3	660.2	482.8	324.6	184.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1763.9	1663.8	1585.9	1427.1	1220.2	1025.4	821.5	624.1	456.9	302.9	169.1
-25°	1702.4	1648.5	1537.8	1363.9	1166.4	974.3	776.2	584.1	428.1	278.9	152.3
-27.5°	1671.1	1620.9	1485.6	1295.0	1107.7	918.6	727.6	548.5	397.2	252.5	134.0
-30°	1651.9	1560.0	1410.0	1222.1	1044.3	858.2	675.1	510.3	364.8	227.5	114.0
-32.5°	1619.2	1495.1	1323.9	1148.2	974.3	793.8	618.6	469.2	330.0	202.9	101.4
-35°	1545.4	1405.9	1233.2	1069.7	899.1	727.6	563.1	425.4	292.9	176.5	90.9
-37.5°	1465.4	1302.4	1143.7	985.3	819.6	657.7	511.7	380.4	253.4	148.6	79.7
-40°	1349.5	1197.4	1050.0	894.8	738.6	584.1	457.6	334.0	217.8	119.0	67.8
-42.5°	1229.9	1092.6	949.3	800.3	654.8	521.6	401.2	285.3	182.8	99.3	55.4
-45°	1114.0	982.3	843.6	705.9	570.4	456.9	345.1	235.9	146.2	84.4	46.2
-47.5°	993.3	865.4	736.9	608.2	497.3	390.5	286.8	193.5	108.6	68.8	42.2
-50°	865.4	747.2	628.7	521.8	421.9	324.6	229.5	149.5	90.4	52.7	38.1
-52.5°	736.9	628.7	530.0	438.1	347.4	256.5	179.5	106.8	71.6	44.3	33.8
-55°	608.2	521.8	438.1	355.1	271.7	197.6	128.0	85.2	52.2	39.3	29.6
-57.5°	497.3	421.9	347.4	271.7	203.6	140.0	93.5	63.1	43.3	34.1	27.0
-60°	390.5	324.6	256.5	197.6	140.0	96.2	68.6	45.6	37.3	29.3	24.2
-62.5°	286.8	229.5	179.5	128.0	93.5	68.6	46.4	38.9	31.2	26.1	21.4
-65°	193.5	149.5	106.8	85.2	63.1	45.6	38.9	32.0	27.0	22.8	18.9
-67.5°	108.6	90.4	71.6	52.2	43.3	37.3	31.2	27.0	23.3	19.5	17.3
-70°	68.8	52.7	44.3	39.3	34.1	29.3	26.1	22.8	19.5	17.5	15.6
-72.5°	42.2	38.1	33.8	29.6	27.0	24.2	21.4	18.9	17.3	15.6	13.9
-75°	30.4	28.1	26.0	23.8	21.5	19.2	17.9	16.5	15.0	13.6	12.5
-77.5°	23.2	21.5	19.7	18.5	17.4	16.3	15.2	14.0	13.0	12.1	11.2
-80°	17.6	16.8	16.0	15.1	14.2	13.4	12.7	12.0	11.3	10.6	9.9
-82.5°	13.5	13.1	12.6	12.2	11.7	11.2	10.7	10.2	9.6	9.1	8.1
-85°	10.5	10.3	10.0	9.6	9.3	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.1	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	10.3	9.3	7.8	5.8	3.9	1.9	0.0
75°	11.4	10.3	9.1	7.0	4.7	2.3	0.0
72.5°	12.5	11.2	9.9	8.1	5.4	2.7	0.0
70°	13.6	12.1	10.6	9.1	6.1	3.1	0.0
67.5°	15.0	13.0	11.3	9.6	6.9	3.4	0.0
65°	16.5	14.0	12.0	10.2	7.6	3.8	0.0
62.5°	17.9	15.2	12.7	10.7	8.3	4.2	0.0
60°	19.2	16.3	13.4	11.2	9.0	4.5	0.0
57.5°	21.5	17.4	14.2	11.7	9.3	4.8	0.0
55°	23.8	18.5	15.1	12.2	9.6	5.2	0.0
52.5°	26.0	19.7	16.0	12.6	10.0	5.5	0.0
50°	28.1	21.5	16.8	13.1	10.3	5.8	0.0
47.5°	30.4	23.2	17.6	13.5	10.5	6.1	0.0
45°	33.8	24.9	18.3	14.1	10.8	6.4	0.0
42.5°	37.1	26.5	19.1	14.7	11.1	6.6	0.0
40°	40.2	28.0	20.0	15.2	11.3	6.9	0.0
37.5°	43.1	29.4	21.2	15.7	11.6	7.1	0.0
35°	45.9	31.4	22.2	16.1	11.8	7.4	0.0
32.5°	50.5	33.6	23.3	16.6	12.0	7.6	0.0
30°	58.9	35.7	24.2	17.0	12.2	7.8	0.0
27.5°	66.7	37.6	25.1	17.4	12.4	8.0	0.0
25°	73.9	39.3	25.9	17.7	12.6	8.2	0.0
22.5°	80.5	40.9	26.7	18.0	12.7	8.3	0.0
20°	86.4	42.3	27.3	18.3	12.9	8.5	0.0
17.5°	91.6	43.6	27.9	18.6	13.0	8.6	0.0
15°	96.2	44.7	28.5	18.8	13.1	8.7	0.0
12.5°	100.1	45.6	28.9	19.0	13.2	8.8	0.0
10°	103.3	46.4	29.3	19.1	13.3	8.9	0.0
7.5°	105.8	47.0	29.5	19.2	13.3	8.9	0.0
5°	107.6	47.5	29.7	19.3	13.4	9.0	0.0
2.5°	108.6	47.7	29.9	19.4	13.4	9.0	0.0
0°	109.0	47.8	29.9	19.4	13.4	9.0	0.0
-2.5°	108.6	47.7	29.9	19.4	13.4	9.0	0.0
-5°	107.6	47.5	29.7	19.3	13.4	9.0	0.0
-7.5°	105.8	47.0	29.5	19.2	13.3	8.9	0.0
-10°	103.3	46.4	29.3	19.1	13.3	8.9	0.0
-12.5°	100.1	45.6	28.9	19.0	13.2	8.8	0.0
-15°	96.2	44.7	28.5	18.8	13.1	8.7	0.0
-17.5°	91.6	43.6	27.9	18.6	13.0	8.6	0.0
-20°	86.4	42.3	27.3	18.3	12.9	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.5	40.9	26.7	18.0	12.7	8.3	0.0
-25°	73.9	39.3	25.9	17.7	12.6	8.2	0.0
-27.5°	66.7	37.6	25.1	17.4	12.4	8.0	0.0
-30°	58.9	35.7	24.2	17.0	12.2	7.8	0.0
-32.5°	50.5	33.6	23.3	16.6	12.0	7.6	0.0
-35°	45.9	31.4	22.2	16.1	11.8	7.4	0.0
-37.5°	43.1	29.4	21.2	15.7	11.6	7.1	0.0
-40°	40.2	28.0	20.0	15.2	11.3	6.9	0.0
-42.5°	37.1	26.5	19.1	14.7	11.1	6.6	0.0
-45°	33.8	24.9	18.3	14.1	10.8	6.4	0.0
-47.5°	30.4	23.2	17.6	13.5	10.5	6.1	0.0
-50°	28.1	21.5	16.8	13.1	10.3	5.8	0.0
-52.5°	26.0	19.7	16.0	12.6	10.0	5.5	0.0
-55°	23.8	18.5	15.1	12.2	9.6	5.2	0.0
-57.5°	21.5	17.4	14.2	11.7	9.3	4.8	0.0
-60°	19.2	16.3	13.4	11.2	9.0	4.5	0.0
-62.5°	17.9	15.2	12.7	10.7	8.3	4.2	0.0
-65°	16.5	14.0	12.0	10.2	7.6	3.8	0.0
-67.5°	15.0	13.0	11.3	9.6	6.9	3.4	0.0
-70°	13.6	12.1	10.6	9.1	6.1	3.1	0.0
-72.5°	12.5	11.2	9.9	8.1	5.4	2.7	0.0
-75°	11.4	10.3	9.1	7.0	4.7	2.3	0.0
-77.5°	10.3	9.3	7.8	5.8	3.9	1.9	0.0
-80°	9.1	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)