

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: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-1S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-61)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-1S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

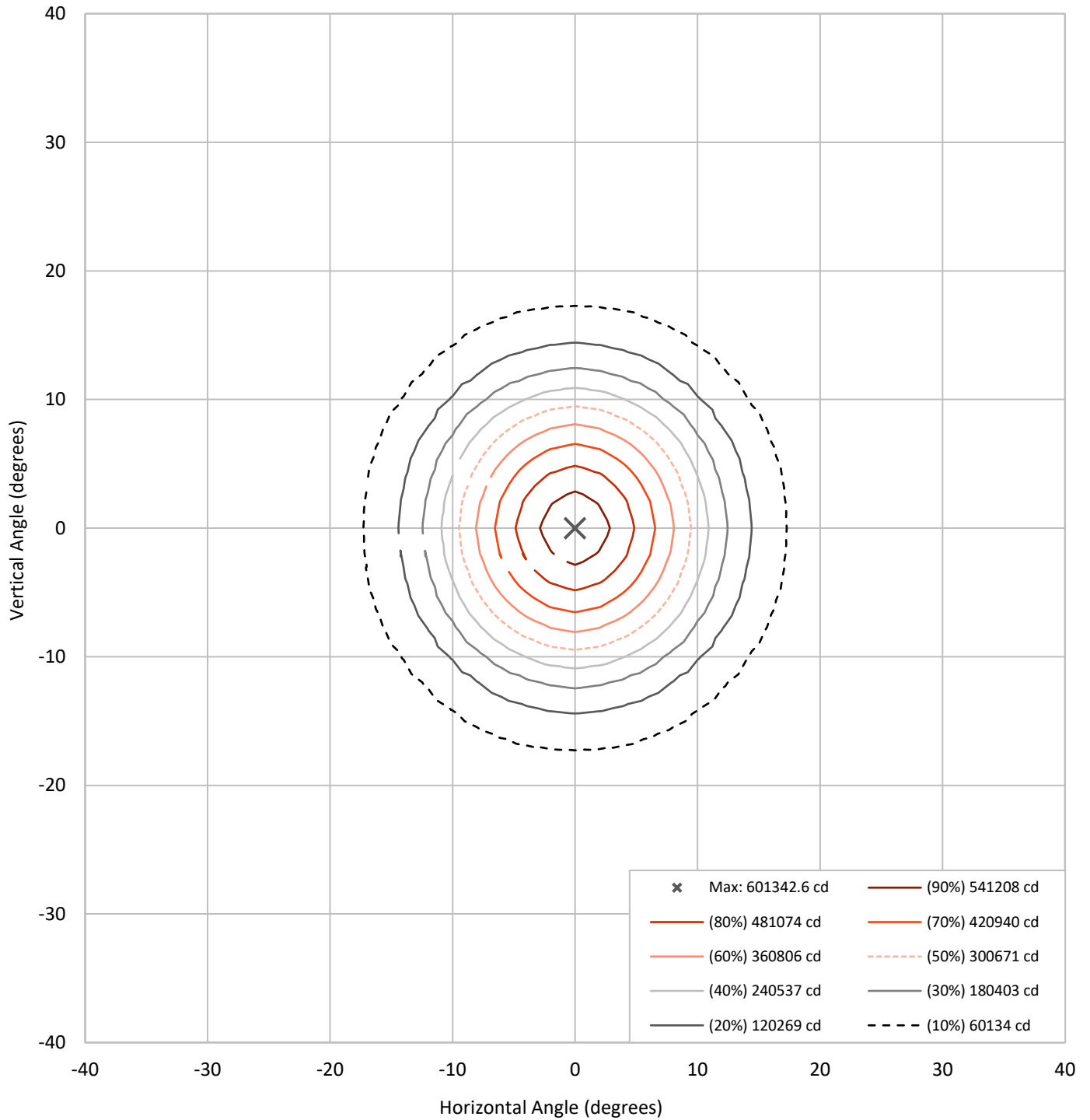
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	81461.2 lumens	Max Intensity:	601342.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	19°H x 19°V	Field Angle (10%):	34.3°H x 34.3°V
Beam Lumens:	35110.8 lumens	Field Lumens:	64681.8 lumens
Beam Efficiency:	43.1%	Field Efficiency:	79.4%

Input Watts (W): 566
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





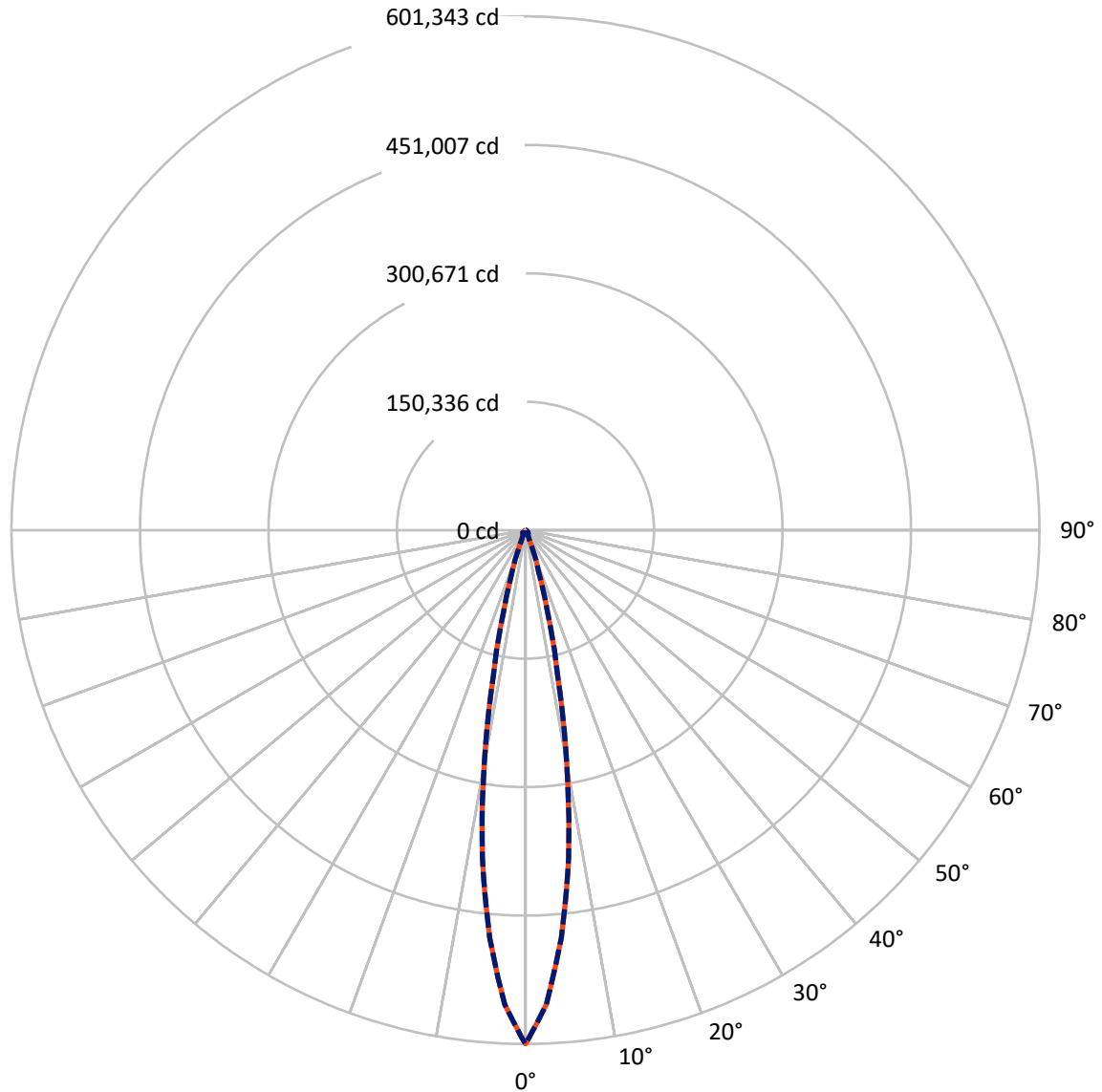
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Lumen Table

90	0.1	0.8		2.8		7.1		9.3		7.1		2.8		0.8		0.1
80	0.1	0.8		2.8		7.1		9.3		7.1		2.8		0.8		0.1
70	0.4	0.4	1.7	5.1	10.2	15.9	20.6	23.2	23.2	20.6	15.9	10.2	5.1	1.7	0.4	0.4
60		1.3	6.0	14.8	25.4	34.3	40.2	43.3	43.3	40.2	34.3	25.4	14.8	6.0	1.3	
50	0.9	3.1	12.1	25.2	36.7	62.2	98.0	117.8	117.8	98.0	62.2	36.7	25.2	12.1	3.1	0.9
40		5.5	17.9	31.8	75.2	128.6	142.1	142.3	142.3	142.1	128.6	75.2	31.8	17.9	5.5	
30	2.1	7.7	21.9	49.1	116.4	128.9	141.6	245.5	245.5	141.6	128.9	116.4	49.1	21.9	7.7	2.1
20		9.3	24.0	72.8	120.4	133.0	777.9	2904.8	2904.8	777.9	133.0	120.4	72.8	24.0	9.3	
10	2.6	10.1	25.1	84.5	116.8	225.8	2834.4	11154.6	11154.6	2834.4	225.8	116.8	84.5	25.1	10.1	2.6
0		10.1	25.1	84.5	116.8	225.8	2834.4	11154.6	11154.6	2834.4	225.8	116.8	84.5	25.1	10.1	
-10	2.1	9.3	24.0	72.8	120.4	133.0	777.9	2904.8	2904.8	777.9	133.0	120.4	72.8	24.0	9.3	2.1
-20		7.7	21.9	49.1	116.4	128.9	141.6	245.5	245.5	141.6	128.9	116.4	49.1	21.9	7.7	
-30	0.9	5.5	17.9	31.8	75.2	128.6	142.1	142.3	142.3	142.1	128.6	75.2	31.8	17.9	5.5	0.9
-40		3.1	12.1	25.2	36.7	62.2	98.0	117.8	117.8	98.0	62.2	36.7	25.2	12.1	3.1	
-50	0.4	1.3	6.0	14.8	25.4	34.3	40.2	43.3	43.3	40.2	34.3	25.4	14.8	6.0	1.3	0.4
-60		0.4	1.7	5.1	10.2	15.9	20.6	23.2	23.2	20.6	15.9	10.2	5.1	1.7	0.4	
-70	0.1	0.8		2.8		7.1		9.3		7.1		2.8		0.8		0.1
-80		0.8		2.8		7.1		9.3		7.1		2.8		0.8		
-90	0.1	0.8		2.8		7.1		9.3		7.1		2.8		0.8		0.1

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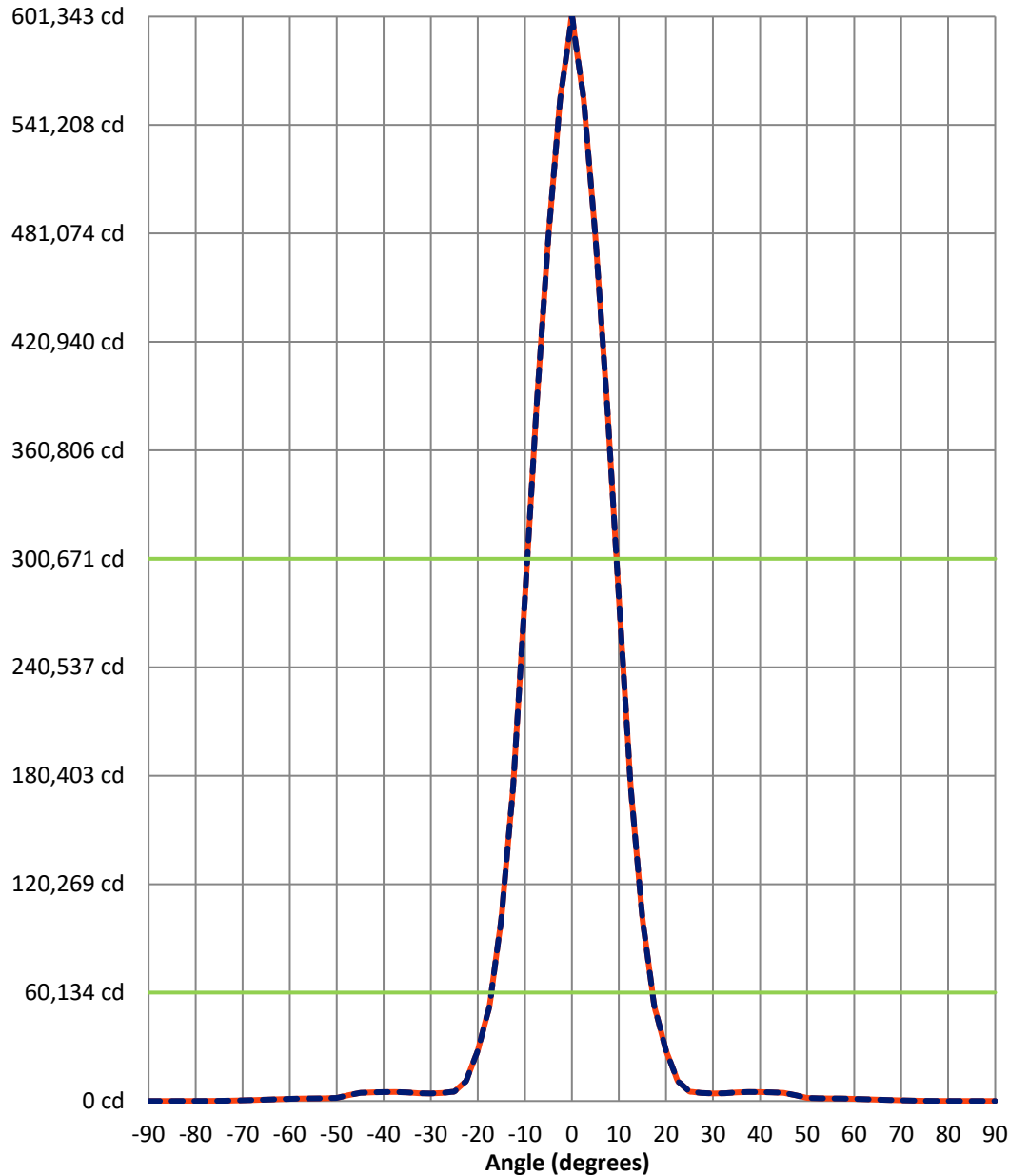
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 19°
 V Angle: 19°
 Lumens: 35110.8
 Efficiency: 43.1%

Field:
 H Angle: 34.3°
 V Angle: 34.3°
 Lumens: 64681.8
 Efficiency: 79.4%

Spill:
 Lumens: 16779.4
 Efficiency: 20.6%

— 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	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	5.9	6.4	6.9
80°	0.0	1.0	2.0	3.0	4.0	5.0	5.9	6.6	7.4	8.1	8.7
77.5°	0.0	1.3	2.5	3.8	5.0	6.1	7.0	7.9	8.8	9.7	11.0
75°	0.0	1.5	3.0	4.5	5.9	7.0	8.1	9.2	10.4	12.5	14.5
72.5°	0.0	1.7	3.5	5.2	6.6	7.9	9.2	10.7	13.2	15.6	18.0
70°	0.0	2.0	4.0	5.9	7.4	8.8	10.4	13.2	16.0	18.8	22.0
67.5°	0.0	2.2	4.4	6.4	8.1	9.7	12.5	15.6	18.8	22.4	26.0
65°	0.0	2.5	4.9	6.9	8.7	11.0	14.5	18.0	22.0	26.0	30.8
62.5°	0.0	2.7	5.4	7.4	9.4	12.6	16.5	20.6	25.1	30.0	37.5
60°	0.0	2.9	5.8	7.9	10.1	14.3	18.5	23.3	28.2	35.9	44.0
57.5°	0.0	3.1	6.1	8.4	11.3	15.9	20.7	26.0	32.9	41.7	60.5
55°	0.0	3.3	6.4	8.9	12.6	17.4	22.9	28.5	37.9	50.2	81.3
52.5°	0.0	3.5	6.7	9.3	13.8	19.0	25.0	32.6	42.8	68.5	101.6
50°	0.0	3.7	7.0	9.8	14.9	20.7	27.1	36.7	50.7	86.2	139.7
47.5°	0.0	3.9	7.3	10.3	16.1	22.4	29.3	40.7	65.9	103.3	178.8
45°	0.0	4.1	7.6	11.1	17.2	24.0	32.6	44.6	80.6	136.8	216.5
42.5°	0.0	4.3	7.8	11.9	18.2	25.5	35.7	53.2	94.6	169.3	263.7
40°	0.0	4.4	8.1	12.6	19.3	27.0	38.7	64.9	112.6	200.4	310.6
37.5°	0.0	4.6	8.3	13.3	20.4	28.3	41.6	76.1	138.9	232.9	355.4
35°	0.0	4.8	8.5	14.0	21.4	30.3	44.3	86.7	163.7	270.9	399.5
32.5°	0.0	4.9	8.8	14.6	22.4	32.4	48.6	96.6	187.1	306.8	443.5
30°	0.0	5.0	8.9	15.2	23.3	34.4	56.5	108.2	209.0	340.3	484.8
27.5°	0.0	5.1	9.1	15.8	24.2	36.2	63.9	125.9	232.1	371.6	523.3
25°	0.0	5.3	9.3	16.3	25.0	37.9	70.7	142.2	257.5	402.2	559.1
22.5°	0.0	5.4	9.4	16.7	25.7	39.4	76.8	157.1	280.6	431.1	598.1
20°	0.0	5.5	9.6	17.1	26.3	40.8	82.4	170.5	301.5	457.2	633.4
17.5°	0.0	5.5	9.7	17.5	26.9	42.0	87.4	182.4	320.1	480.4	664.8
15°	0.0	5.6	9.8	17.8	27.4	43.1	91.7	192.8	336.3	500.6	692.2
12.5°	0.0	5.7	9.9	18.1	27.8	44.0	95.3	201.6	350.1	517.8	715.5
10°	0.0	5.7	10.0	18.3	28.2	44.8	98.3	208.8	361.4	532.0	734.7
7.5°	0.0	5.8	10.0	18.5	28.5	45.3	100.7	214.5	370.2	543.0	749.7
5°	0.0	5.8	10.1	18.6	28.6	45.8	102.4	218.6	376.5	551.0	760.4
2.5°	0.0	5.8	10.1	18.7	28.8	46.0	103.4	221.0	380.3	555.7	766.8
0°	0.0	5.8	10.1	18.7	28.8	46.1	103.7	221.8	381.6	557.3	769.0
-2.5°	0.0	5.8	10.1	18.7	28.8	46.0	103.4	221.0	380.3	555.7	766.8
-5°	0.0	5.8	10.1	18.6	28.6	45.8	102.4	218.6	376.5	551.0	760.4
-7.5°	0.0	5.8	10.0	18.5	28.5	45.3	100.7	214.5	370.2	543.0	749.7
-10°	0.0	5.7	10.0	18.3	28.2	44.8	98.3	208.8	361.4	532.0	734.7
-12.5°	0.0	5.7	9.9	18.1	27.8	44.0	95.3	201.6	350.1	517.8	715.5
-15°	0.0	5.6	9.8	17.8	27.4	43.1	91.7	192.8	336.3	500.6	692.2
-17.5°	0.0	5.5	9.7	17.5	26.9	42.0	87.4	182.4	320.1	480.4	664.8
-20°	0.0	5.5	9.6	17.1	26.3	40.8	82.4	170.5	301.5	457.2	633.4



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 CATALOG NUMBER: EPH-08-530N-57-70-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.4	9.4	16.7	25.7	39.4	76.8	157.1	280.6	431.1	598.1
-25°	0.0	5.3	9.3	16.3	25.0	37.9	70.7	142.2	257.5	402.2	559.1
-27.5°	0.0	5.1	9.1	15.8	24.2	36.2	63.9	125.9	232.1	371.6	523.3
-30°	0.0	5.0	8.9	15.2	23.3	34.4	56.5	108.2	209.0	340.3	484.8
-32.5°	0.0	4.9	8.8	14.6	22.4	32.4	48.6	96.6	187.1	306.8	443.5
-35°	0.0	4.8	8.5	14.0	21.4	30.3	44.3	86.7	163.7	270.9	399.5
-37.5°	0.0	4.6	8.3	13.3	20.4	28.3	41.6	76.1	138.9	232.9	355.4
-40°	0.0	4.4	8.1	12.6	19.3	27.0	38.7	64.9	112.6	200.4	310.6
-42.5°	0.0	4.3	7.8	11.9	18.2	25.5	35.7	53.2	94.6	169.3	263.7
-45°	0.0	4.1	7.6	11.1	17.2	24.0	32.6	44.6	80.6	136.8	216.5
-47.5°	0.0	3.9	7.3	10.3	16.1	22.4	29.3	40.7	65.9	103.3	178.8
-50°	0.0	3.7	7.0	9.8	14.9	20.7	27.1	36.7	50.7	86.2	139.7
-52.5°	0.0	3.5	6.7	9.3	13.8	19.0	25.0	32.6	42.8	68.5	101.6
-55°	0.0	3.3	6.4	8.9	12.6	17.4	22.9	28.5	37.9	50.2	81.3
-57.5°	0.0	3.1	6.1	8.4	11.3	15.9	20.7	26.0	32.9	41.7	60.5
-60°	0.0	2.9	5.8	7.9	10.1	14.3	18.5	23.3	28.2	35.9	44.0
-62.5°	0.0	2.7	5.4	7.4	9.4	12.6	16.5	20.6	25.1	30.0	37.5
-65°	0.0	2.5	4.9	6.9	8.7	11.0	14.5	18.0	22.0	26.0	30.8
-67.5°	0.0	2.2	4.4	6.4	8.1	9.7	12.5	15.6	18.8	22.4	26.0
-70°	0.0	2.0	4.0	5.9	7.4	8.8	10.4	13.2	16.0	18.8	22.0
-72.5°	0.0	1.7	3.5	5.2	6.6	7.9	9.2	10.7	13.2	15.6	18.0
-75°	0.0	1.5	3.0	4.5	5.9	7.0	8.1	9.2	10.4	12.5	14.5
-77.5°	0.0	1.3	2.5	3.8	5.0	6.1	7.0	7.9	8.8	9.7	11.0
-80°	0.0	1.0	2.0	3.0	4.0	5.0	5.9	6.6	7.4	8.1	8.7
-82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	5.9	6.4	6.9
-85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
-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°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
85°	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.8	8.1	8.3
82.5°	7.4	7.9	8.4	8.9	9.3	9.8	10.3	11.1	11.9	12.6	13.3
80°	9.4	10.1	11.3	12.6	13.8	14.9	16.1	17.2	18.2	19.3	20.4
77.5°	12.6	14.3	15.9	17.4	19.0	20.7	22.4	24.0	25.5	27.0	28.3
75°	16.5	18.5	20.7	22.9	25.0	27.1	29.3	32.6	35.7	38.7	41.6
72.5°	20.6	23.3	26.0	28.5	32.6	36.7	40.7	44.6	53.2	64.9	76.1
70°	25.1	28.2	32.9	37.9	42.8	50.7	65.9	80.6	94.6	112.6	138.9
67.5°	30.0	35.9	41.7	50.2	68.5	86.2	103.3	136.8	169.3	200.4	232.9
65°	37.5	44.0	60.5	81.3	101.6	139.7	178.8	216.5	263.7	310.6	355.4
62.5°	44.8	65.7	89.1	120.6	166.3	210.7	265.1	321.3	375.4	431.9	486.3
60°	65.7	91.7	131.3	182.4	235.9	301.5	365.1	431.1	496.3	559.1	631.0
57.5°	89.1	131.3	187.8	250.5	323.6	396.0	471.9	545.3	628.2	710.2	789.2
55°	120.6	182.4	250.5	330.9	412.3	496.5	582.6	678.2	770.5	862.2	950.1
52.5°	166.3	235.9	323.6	412.3	504.7	602.7	708.4	812.5	915.1	1012.0	1099.9
50°	210.7	301.5	396.0	496.5	602.7	718.6	833.6	947.1	1051.9	1150.2	1237.7
47.5°	265.1	365.1	471.9	582.6	708.4	833.6	957.8	1072.0	1180.7	1273.6	1361.7
45°	321.3	431.1	545.3	678.2	812.5	947.1	1072.0	1190.9	1291.6	1374.9	1405.4
42.5°	375.4	496.3	628.2	770.5	915.1	1051.9	1180.7	1291.6	1377.9	1411.5	1450.4
40°	431.9	559.1	710.2	862.2	1012.0	1150.2	1273.6	1374.9	1411.5	1454.6	1501.1
37.5°	486.3	631.0	789.2	950.1	1099.9	1237.7	1361.7	1405.4	1450.4	1501.1	1640.5
35°	538.0	699.4	866.4	1030.5	1183.7	1316.4	1393.4	1437.9	1492.6	1627.7	2053.5
32.5°	592.8	764.1	939.4	1104.1	1254.1	1375.6	1419.5	1475.7	1589.7	1880.2	2941.7
30°	648.0	826.7	1006.6	1173.4	1319.6	1398.5	1450.8	1527.2	1701.8	2676.7	3706.8
27.5°	699.4	885.3	1066.1	1232.1	1372.2	1420.1	1482.1	1625.8	2241.0	3401.7	4388.1
25°	746.9	939.4	1121.1	1284.5	1390.7	1445.2	1526.6	1717.8	2899.4	3999.9	4633.2
22.5°	791.1	988.9	1171.6	1332.6	1407.7	1470.1	1605.4	2209.3	3468.5	4534.3	4757.6
20°	831.6	1030.5	1213.9	1370.6	1423.1	1492.8	1677.1	2725.4	3940.4	4640.5	4842.0
17.5°	867.8	1067.5	1249.4	1383.3	1440.9	1531.6	1800.5	3188.8	4365.0	4736.3	4904.3
15°	899.3	1099.9	1280.5	1394.4	1457.2	1583.6	2176.7	3543.2	4572.9	4811.3	4958.5
12.5°	926.2	1127.5	1307.0	1403.8	1471.2	1628.0	2499.0	3839.9	4640.1	4855.3	4973.4
10°	948.3	1150.2	1328.8	1411.6	1482.7	1664.8	2765.5	4085.5	4695.8	4891.8	4985.8
7.5°	965.6	1168.0	1345.9	1417.7	1491.7	1693.6	2974.6	4278.4	4739.7	4920.5	4995.6
5°	978.0	1180.7	1358.2	1422.1	1498.2	1714.3	3124.9	4417.2	4771.3	4941.3	5002.7
2.5°	985.4	1188.3	1365.5	1424.7	1502.1	1726.7	3215.5	4500.9	4790.3	4953.8	5007.0
0°	987.9	1190.9	1368.0	1425.6	1503.4	1730.9	3245.8	4528.9	4796.7	4958.0	5008.4
-2.5°	985.4	1188.3	1365.5	1424.7	1502.1	1726.7	3215.5	4500.9	4790.3	4953.8	5007.0
-5°	978.0	1180.7	1358.2	1422.1	1498.2	1714.3	3124.9	4417.2	4771.3	4941.3	5002.7
-7.5°	965.6	1168.0	1345.9	1417.7	1491.7	1693.6	2974.6	4278.4	4739.7	4920.5	4995.6
-10°	948.3	1150.2	1328.8	1411.6	1482.7	1664.8	2765.5	4085.5	4695.8	4891.8	4985.8
-12.5°	926.2	1127.5	1307.0	1403.8	1471.2	1628.0	2499.0	3839.9	4640.1	4855.3	4973.4
-15°	899.3	1099.9	1280.5	1394.4	1457.2	1583.6	2176.7	3543.2	4572.9	4811.3	4958.5
-17.5°	867.8	1067.5	1249.4	1383.3	1440.9	1531.6	1800.5	3188.8	4365.0	4736.3	4904.3
-20°	831.6	1030.5	1213.9	1370.6	1423.1	1492.8	1677.1	2725.4	3940.4	4640.5	4842.0



REPORT NUMBER: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	791.1	988.9	1171.6	1332.6	1407.7	1470.1	1605.4	2209.3	3468.5	4534.3	4757.6
-25°	746.9	939.4	1121.1	1284.5	1390.7	1445.2	1526.6	1717.8	2899.4	3999.9	4633.2
-27.5°	699.4	885.3	1066.1	1232.1	1372.2	1420.1	1482.1	1625.8	2241.0	3401.7	4388.1
-30°	648.0	826.7	1006.6	1173.4	1319.6	1398.5	1450.8	1527.2	1701.8	2676.7	3706.8
-32.5°	592.8	764.1	939.4	1104.1	1254.1	1375.6	1419.5	1475.7	1589.7	1880.2	2941.7
-35°	538.0	699.4	866.4	1030.5	1183.7	1316.4	1393.4	1437.9	1492.6	1627.7	2053.5
-37.5°	486.3	631.0	789.2	950.1	1099.9	1237.7	1361.7	1405.4	1450.4	1501.1	1640.5
-40°	431.9	559.1	710.2	862.2	1012.0	1150.2	1273.6	1374.9	1411.5	1454.6	1501.1
-42.5°	375.4	496.3	628.2	770.5	915.1	1051.9	1180.7	1291.6	1377.9	1411.5	1450.4
-45°	321.3	431.1	545.3	678.2	812.5	947.1	1072.0	1190.9	1291.6	1374.9	1405.4
-47.5°	265.1	365.1	471.9	582.6	708.4	833.6	957.8	1072.0	1180.7	1273.6	1361.7
-50°	210.7	301.5	396.0	496.5	602.7	718.6	833.6	947.1	1051.9	1150.2	1237.7
-52.5°	166.3	235.9	323.6	412.3	504.7	602.7	708.4	812.5	915.1	1012.0	1099.9
-55°	120.6	182.4	250.5	330.9	412.3	496.5	582.6	678.2	770.5	862.2	950.1
-57.5°	89.1	131.3	187.8	250.5	323.6	396.0	471.9	545.3	628.2	710.2	789.2
-60°	65.7	91.7	131.3	182.4	235.9	301.5	365.1	431.1	496.3	559.1	631.0
-62.5°	44.8	65.7	89.1	120.6	166.3	210.7	265.1	321.3	375.4	431.9	486.3
-65°	37.5	44.0	60.5	81.3	101.6	139.7	178.8	216.5	263.7	310.6	355.4
-67.5°	30.0	35.9	41.7	50.2	68.5	86.2	103.3	136.8	169.3	200.4	232.9
-70°	25.1	28.2	32.9	37.9	42.8	50.7	65.9	80.6	94.6	112.6	138.9
-72.5°	20.6	23.3	26.0	28.5	32.6	36.7	40.7	44.6	53.2	64.9	76.1
-75°	16.5	18.5	20.7	22.9	25.0	27.1	29.3	32.6	35.7	38.7	41.6
-77.5°	12.6	14.3	15.9	17.4	19.0	20.7	22.4	24.0	25.5	27.0	28.3
-80°	9.4	10.1	11.3	12.6	13.8	14.9	16.1	17.2	18.2	19.3	20.4
-82.5°	7.4	7.9	8.4	8.9	9.3	9.8	10.3	11.1	11.9	12.6	13.3
-85°	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.8	8.1	8.3
-87.5°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
-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: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-HEG-A

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°	4.8	4.9	5.0	5.1	5.3	5.4	5.5	5.5	5.6	5.7	5.7
85°	8.5	8.8	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0
82.5°	14.0	14.6	15.2	15.8	16.3	16.7	17.1	17.5	17.8	18.1	18.3
80°	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2
77.5°	30.3	32.4	34.4	36.2	37.9	39.4	40.8	42.0	43.1	44.0	44.8
75°	44.3	48.6	56.5	63.9	70.7	76.8	82.4	87.4	91.7	95.3	98.3
72.5°	86.7	96.6	108.2	125.9	142.2	157.1	170.5	182.4	192.8	201.6	208.8
70°	163.7	187.1	209.0	232.1	257.5	280.6	301.5	320.1	336.3	350.1	361.4
67.5°	270.9	306.8	340.3	371.6	402.2	431.1	457.2	480.4	500.6	517.8	532.0
65°	399.5	443.5	484.8	523.3	559.1	598.1	633.4	664.8	692.2	715.5	734.7
62.5°	538.0	592.8	648.0	699.4	746.9	791.1	831.6	867.8	899.3	926.2	948.3
60°	699.4	764.1	826.7	885.3	939.4	988.9	1030.5	1067.5	1099.9	1127.5	1150.2
57.5°	866.4	939.4	1006.6	1066.1	1121.1	1171.6	1213.9	1249.4	1280.5	1307.0	1328.8
55°	1030.5	1104.1	1173.4	1232.1	1284.5	1332.6	1370.6	1383.3	1394.4	1403.8	1411.6
52.5°	1183.7	1254.1	1319.6	1372.2	1390.7	1407.7	1423.1	1440.9	1457.2	1471.2	1482.7
50°	1316.4	1375.6	1398.5	1420.1	1445.2	1470.1	1492.8	1531.6	1583.6	1628.0	1664.8
47.5°	1393.4	1419.5	1450.8	1482.1	1526.6	1605.4	1677.1	1800.5	2176.7	2499.0	2765.5
45°	1437.9	1475.7	1527.2	1625.8	1717.8	2209.3	2725.4	3188.8	3543.2	3839.9	4085.5
42.5°	1492.6	1589.7	1701.8	2241.0	2899.4	3468.5	3940.4	4365.0	4572.9	4640.1	4695.8
40°	1627.7	1880.2	2676.7	3401.7	3999.9	4534.3	4640.5	4736.3	4811.3	4855.3	4891.8
37.5°	2053.5	2941.7	3706.8	4388.1	4633.2	4757.6	4842.0	4904.3	4958.5	4973.4	4985.8
35°	3030.7	3861.0	4548.9	4700.5	4824.9	4905.3	4964.7	4985.7	5004.4	4950.9	4887.2
32.5°	3861.0	4565.5	4734.5	4856.4	4948.4	4981.9	5006.8	4908.8	4813.3	4692.7	4558.7
30°	4548.9	4734.5	4867.1	4961.8	4992.5	4947.6	4821.3	4645.5	4445.9	4302.4	4265.1
27.5°	4700.5	4856.4	4961.8	4996.0	4912.9	4764.6	4503.1	4300.1	4244.9	4196.4	4295.7
25°	4824.9	4948.4	4992.5	4912.9	4729.7	4430.5	4271.3	4205.1	4321.1	4450.5	4692.4
22.5°	4905.3	4981.9	4947.6	4764.6	4430.5	4261.5	4224.2	4398.9	4687.0	5065.2	6378.3
20°	4964.7	5006.8	4821.3	4503.1	4271.3	4224.2	4425.3	4835.1	5678.2	8887.0	12684.0
17.5°	4985.7	4908.8	4645.5	4300.1	4205.1	4398.9	4835.1	6291.5	10187.6	18634.0	27544.7
15°	5004.4	4813.3	4445.9	4244.9	4321.1	4687.0	5678.2	10187.6	20674.9	33721.7	48371.1
12.5°	4950.9	4692.7	4302.4	4196.4	4450.5	5065.2	8887.0	18634.0	33721.7	51929.2	82769.8
10°	4887.2	4558.7	4265.1	4295.7	4692.4	6378.3	12684.0	27544.7	48371.1	82769.8	124641.5
7.5°	4836.8	4452.4	4235.3	4375.6	4928.0	8401.0	19214.1	38110.1	67825.3	113121.1	175015.8
5°	4800.3	4375.3	4213.7	4433.9	5100.7	9892.2	24065.6	46228.7	85949.7	143757.1	226315.6
2.5°	4778.2	4328.6	4200.6	4469.4	5206.2	10807.0	27059.2	51279.5	97361.3	165845.5	264694.5
0°	4770.8	4312.9	4196.2	4481.3	5241.7	11115.5	28071.8	52995.6	101265.1	174226.7	278403.5
-2.5°	4778.2	4328.6	4200.6	4469.4	5206.2	10807.0	27059.2	51279.5	97361.3	165845.5	264694.5
-5°	4800.3	4375.3	4213.7	4433.9	5100.7	9892.2	24065.6	46228.7	85949.7	143757.1	226315.6
-7.5°	4836.8	4452.4	4235.3	4375.6	4928.0	8401.0	19214.1	38110.1	67825.3	113121.1	175015.8
-10°	4887.2	4558.7	4265.1	4295.7	4692.4	6378.3	12684.0	27544.7	48371.1	82769.8	124641.5
-12.5°	4950.9	4692.7	4302.4	4196.4	4450.5	5065.2	8887.0	18634.0	33721.7	51929.2	82769.8
-15°	5004.4	4813.3	4445.9	4244.9	4321.1	4687.0	5678.2	10187.6	20674.9	33721.7	48371.1
-17.5°	4985.7	4908.8	4645.5	4300.1	4205.1	4398.9	4835.1	6291.5	10187.6	18634.0	27544.7
-20°	4964.7	5006.8	4821.3	4503.1	4271.3	4224.2	4425.3	4835.1	5678.2	8887.0	12684.0



REPORT NUMBER: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4905.3	4981.9	4947.6	4764.6	4430.5	4261.5	4224.2	4398.9	4687.0	5065.2	6378.3
-25°	4824.9	4948.4	4992.5	4912.9	4729.7	4430.5	4271.3	4205.1	4321.1	4450.5	4692.4
-27.5°	4700.5	4856.4	4961.8	4996.0	4912.9	4764.6	4503.1	4300.1	4244.9	4196.4	4295.7
-30°	4548.9	4734.5	4867.1	4961.8	4992.5	4947.6	4821.3	4645.5	4445.9	4302.4	4265.1
-32.5°	3861.0	4565.5	4734.5	4856.4	4948.4	4981.9	5006.8	4908.8	4813.3	4692.7	4558.7
-35°	3030.7	3861.0	4548.9	4700.5	4824.9	4905.3	4964.7	4985.7	5004.4	4950.9	4887.2
-37.5°	2053.5	2941.7	3706.8	4388.1	4633.2	4757.6	4842.0	4904.3	4958.5	4973.4	4985.8
-40°	1627.7	1880.2	2676.7	3401.7	3999.9	4534.3	4640.5	4736.3	4811.3	4855.3	4891.8
-42.5°	1492.6	1589.7	1701.8	2241.0	2899.4	3468.5	3940.4	4365.0	4572.9	4640.1	4695.8
-45°	1437.9	1475.7	1527.2	1625.8	1717.8	2209.3	2725.4	3188.8	3543.2	3839.9	4085.5
-47.5°	1393.4	1419.5	1450.8	1482.1	1526.6	1605.4	1677.1	1800.5	2176.7	2499.0	2765.5
-50°	1316.4	1375.6	1398.5	1420.1	1445.2	1470.1	1492.8	1531.6	1583.6	1628.0	1664.8
-52.5°	1183.7	1254.1	1319.6	1372.2	1390.7	1407.7	1423.1	1440.9	1457.2	1471.2	1482.7
-55°	1030.5	1104.1	1173.4	1232.1	1284.5	1332.6	1370.6	1383.3	1394.4	1403.8	1411.6
-57.5°	866.4	939.4	1006.6	1066.1	1121.1	1171.6	1213.9	1249.4	1280.5	1307.0	1328.8
-60°	699.4	764.1	826.7	885.3	939.4	988.9	1030.5	1067.5	1099.9	1127.5	1150.2
-62.5°	538.0	592.8	648.0	699.4	746.9	791.1	831.6	867.8	899.3	926.2	948.3
-65°	399.5	443.5	484.8	523.3	559.1	598.1	633.4	664.8	692.2	715.5	734.7
-67.5°	270.9	306.8	340.3	371.6	402.2	431.1	457.2	480.4	500.6	517.8	532.0
-70°	163.7	187.1	209.0	232.1	257.5	280.6	301.5	320.1	336.3	350.1	361.4
-72.5°	86.7	96.6	108.2	125.9	142.2	157.1	170.5	182.4	192.8	201.6	208.8
-75°	44.3	48.6	56.5	63.9	70.7	76.8	82.4	87.4	91.7	95.3	98.3
-77.5°	30.3	32.4	34.4	36.2	37.9	39.4	40.8	42.0	43.1	44.0	44.8
-80°	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2
-82.5°	14.0	14.6	15.2	15.8	16.3	16.7	17.1	17.5	17.8	18.1	18.3
-85°	8.5	8.8	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0
-87.5°	4.8	4.9	5.0	5.1	5.3	5.4	5.5	5.5	5.6	5.7	5.7
-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: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
85°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	10.0	9.9	9.8	9.7
82.5°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.3	18.1	17.8	17.5
80°	28.5	28.6	28.8	28.8	28.8	28.6	28.5	28.2	27.8	27.4	26.9
77.5°	45.3	45.8	46.0	46.1	46.0	45.8	45.3	44.8	44.0	43.1	42.0
75°	100.7	102.4	103.4	103.7	103.4	102.4	100.7	98.3	95.3	91.7	87.4
72.5°	214.5	218.6	221.0	221.8	221.0	218.6	214.5	208.8	201.6	192.8	182.4
70°	370.2	376.5	380.3	381.6	380.3	376.5	370.2	361.4	350.1	336.3	320.1
67.5°	543.0	551.0	555.7	557.3	555.7	551.0	543.0	532.0	517.8	500.6	480.4
65°	749.7	760.4	766.8	769.0	766.8	760.4	749.7	734.7	715.5	692.2	664.8
62.5°	965.6	978.0	985.4	987.9	985.4	978.0	965.6	948.3	926.2	899.3	867.8
60°	1168.0	1180.7	1188.3	1190.9	1188.3	1180.7	1168.0	1150.2	1127.5	1099.9	1067.5
57.5°	1345.9	1358.2	1365.5	1368.0	1365.5	1358.2	1345.9	1328.8	1307.0	1280.5	1249.4
55°	1417.7	1422.1	1424.7	1425.6	1424.7	1422.1	1417.7	1411.6	1403.8	1394.4	1383.3
52.5°	1491.7	1498.2	1502.1	1503.4	1502.1	1498.2	1491.7	1482.7	1471.2	1457.2	1440.9
50°	1693.6	1714.3	1726.7	1730.9	1726.7	1714.3	1693.6	1664.8	1628.0	1583.6	1531.6
47.5°	2974.6	3124.9	3215.5	3245.8	3215.5	3124.9	2974.6	2765.5	2499.0	2176.7	1800.5
45°	4278.4	4417.2	4500.9	4528.9	4500.9	4417.2	4278.4	4085.5	3839.9	3543.2	3188.8
42.5°	4739.7	4771.3	4790.3	4796.7	4790.3	4771.3	4739.7	4695.8	4640.1	4572.9	4365.0
40°	4920.5	4941.3	4953.8	4958.0	4953.8	4941.3	4920.5	4891.8	4855.3	4811.3	4736.3
37.5°	4995.6	5002.7	5007.0	5008.4	5007.0	5002.7	4995.6	4985.8	4973.4	4958.5	4904.3
35°	4836.8	4800.3	4778.2	4770.8	4778.2	4800.3	4836.8	4887.2	4950.9	5004.4	4985.7
32.5°	4452.4	4375.3	4328.6	4312.9	4328.6	4375.3	4452.4	4558.7	4692.7	4813.3	4908.8
30°	4235.3	4213.7	4200.6	4196.2	4200.6	4213.7	4235.3	4265.1	4302.4	4445.9	4645.5
27.5°	4375.6	4433.9	4469.4	4481.3	4469.4	4433.9	4375.6	4295.7	4196.4	4244.9	4300.1
25°	4928.0	5100.7	5206.2	5241.7	5206.2	5100.7	4928.0	4692.4	4450.5	4321.1	4205.1
22.5°	8401.0	9892.2	10807.0	11115.5	10807.0	9892.2	8401.0	6378.3	5065.2	4687.0	4398.9
20°	19214.1	24065.6	27059.2	28071.8	27059.2	24065.6	19214.1	12684.0	8887.0	5678.2	4835.1
17.5°	38110.1	46228.7	51279.5	52995.6	51279.5	46228.7	38110.1	27544.7	18634.0	10187.6	6291.5
15°	67825.3	85949.7	97361.3	101265.1	97361.3	85949.7	67825.3	48371.1	33721.7	20674.9	10187.6
12.5°	113121.1	143757.1	165845.5	174226.7	165845.5	143757.1	113121.1	82769.8	51929.2	33721.7	18634.0
10°	175015.8	226315.6	264694.5	278403.5	264694.5	226315.6	175015.8	124641.5	82769.8	48371.1	27544.7
7.5°	251793.0	320742.0	369189.4	385684.4	369189.4	320742.0	251793.0	175015.8	113121.1	67825.3	38110.1
5°	320742.0	403405.6	458696.1	479149.6	458696.1	403405.6	320742.0	226315.6	143757.1	85949.7	46228.7
2.5°	369189.4	458696.1	524302.7	555411.0	524302.7	458696.1	369189.4	264694.5	165845.5	97361.3	51279.5
0°	385684.4	479149.6	555411.0	601342.6	555411.0	479149.6	385684.4	278403.5	174226.7	101265.1	52995.6
-2.5°	369189.4	458696.1	524302.7	555411.0	524302.7	458696.1	369189.4	264694.5	165845.5	97361.3	51279.5
-5°	320742.0	403405.6	458696.1	479149.6	458696.1	403405.6	320742.0	226315.6	143757.1	85949.7	46228.7
-7.5°	251793.0	320742.0	369189.4	385684.4	369189.4	320742.0	251793.0	175015.8	113121.1	67825.3	38110.1
-10°	175015.8	226315.6	264694.5	278403.5	264694.5	226315.6	175015.8	124641.5	82769.8	48371.1	27544.7
-12.5°	113121.1	143757.1	165845.5	174226.7	165845.5	143757.1	113121.1	82769.8	51929.2	33721.7	18634.0
-15°	67825.3	85949.7	97361.3	101265.1	97361.3	85949.7	67825.3	48371.1	33721.7	20674.9	10187.6
-17.5°	38110.1	46228.7	51279.5	52995.6	51279.5	46228.7	38110.1	27544.7	18634.0	10187.6	6291.5
-20°	19214.1	24065.6	27059.2	28071.8	27059.2	24065.6	19214.1	12684.0	8887.0	5678.2	4835.1



REPORT NUMBER: P1305941 (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°	8401.0	9892.2	10807.0	11115.5	10807.0	9892.2	8401.0	6378.3	5065.2	4687.0	4398.9
-25°	4928.0	5100.7	5206.2	5241.7	5206.2	5100.7	4928.0	4692.4	4450.5	4321.1	4205.1
-27.5°	4375.6	4433.9	4469.4	4481.3	4469.4	4433.9	4375.6	4295.7	4196.4	4244.9	4300.1
-30°	4235.3	4213.7	4200.6	4196.2	4200.6	4213.7	4235.3	4265.1	4302.4	4445.9	4645.5
-32.5°	4452.4	4375.3	4328.6	4312.9	4328.6	4375.3	4452.4	4558.7	4692.7	4813.3	4908.8
-35°	4836.8	4800.3	4778.2	4770.8	4778.2	4800.3	4836.8	4887.2	4950.9	5004.4	4985.7
-37.5°	4995.6	5002.7	5007.0	5008.4	5007.0	5002.7	4995.6	4985.8	4973.4	4958.5	4904.3
-40°	4920.5	4941.3	4953.8	4958.0	4953.8	4941.3	4920.5	4891.8	4855.3	4811.3	4736.3
-42.5°	4739.7	4771.3	4790.3	4796.7	4790.3	4771.3	4739.7	4695.8	4640.1	4572.9	4365.0
-45°	4278.4	4417.2	4500.9	4528.9	4500.9	4417.2	4278.4	4085.5	3839.9	3543.2	3188.8
-47.5°	2974.6	3124.9	3215.5	3245.8	3215.5	3124.9	2974.6	2765.5	2499.0	2176.7	1800.5
-50°	1693.6	1714.3	1726.7	1730.9	1726.7	1714.3	1693.6	1664.8	1628.0	1583.6	1531.6
-52.5°	1491.7	1498.2	1502.1	1503.4	1502.1	1498.2	1491.7	1482.7	1471.2	1457.2	1440.9
-55°	1417.7	1422.1	1424.7	1425.6	1424.7	1422.1	1417.7	1411.6	1403.8	1394.4	1383.3
-57.5°	1345.9	1358.2	1365.5	1368.0	1365.5	1358.2	1345.9	1328.8	1307.0	1280.5	1249.4
-60°	1168.0	1180.7	1188.3	1190.9	1188.3	1180.7	1168.0	1150.2	1127.5	1099.9	1067.5
-62.5°	965.6	978.0	985.4	987.9	985.4	978.0	965.6	948.3	926.2	899.3	867.8
-65°	749.7	760.4	766.8	769.0	766.8	760.4	749.7	734.7	715.5	692.2	664.8
-67.5°	543.0	551.0	555.7	557.3	555.7	551.0	543.0	532.0	517.8	500.6	480.4
-70°	370.2	376.5	380.3	381.6	380.3	376.5	370.2	361.4	350.1	336.3	320.1
-72.5°	214.5	218.6	221.0	221.8	221.0	218.6	214.5	208.8	201.6	192.8	182.4
-75°	100.7	102.4	103.4	103.7	103.4	102.4	100.7	98.3	95.3	91.7	87.4
-77.5°	45.3	45.8	46.0	46.1	46.0	45.8	45.3	44.8	44.0	43.1	42.0
-80°	28.5	28.6	28.8	28.8	28.8	28.6	28.5	28.2	27.8	27.4	26.9
-82.5°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.3	18.1	17.8	17.5
-85°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	10.0	9.9	9.8	9.7
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
-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°	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.6	4.4	4.3	4.1
85°	9.6	9.4	9.3	9.1	8.9	8.8	8.5	8.3	8.1	7.8	7.6
82.5°	17.1	16.7	16.3	15.8	15.2	14.6	14.0	13.3	12.6	11.9	11.1
80°	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4	19.3	18.2	17.2
77.5°	40.8	39.4	37.9	36.2	34.4	32.4	30.3	28.3	27.0	25.5	24.0
75°	82.4	76.8	70.7	63.9	56.5	48.6	44.3	41.6	38.7	35.7	32.6
72.5°	170.5	157.1	142.2	125.9	108.2	96.6	86.7	76.1	64.9	53.2	44.6
70°	301.5	280.6	257.5	232.1	209.0	187.1	163.7	138.9	112.6	94.6	80.6
67.5°	457.2	431.1	402.2	371.6	340.3	306.8	270.9	232.9	200.4	169.3	136.8
65°	633.4	598.1	559.1	523.3	484.8	443.5	399.5	355.4	310.6	263.7	216.5
62.5°	831.6	791.1	746.9	699.4	648.0	592.8	538.0	486.3	431.9	375.4	321.3
60°	1030.5	988.9	939.4	885.3	826.7	764.1	699.4	631.0	559.1	496.3	431.1
57.5°	1213.9	1171.6	1121.1	1066.1	1006.6	939.4	866.4	789.2	710.2	628.2	545.3
55°	1370.6	1332.6	1284.5	1232.1	1173.4	1104.1	1030.5	950.1	862.2	770.5	678.2
52.5°	1423.1	1407.7	1390.7	1372.2	1319.6	1254.1	1183.7	1099.9	1012.0	915.1	812.5
50°	1492.8	1470.1	1445.2	1420.1	1398.5	1375.6	1316.4	1237.7	1150.2	1051.9	947.1
47.5°	1677.1	1605.4	1526.6	1482.1	1450.8	1419.5	1393.4	1361.7	1273.6	1180.7	1072.0
45°	2725.4	2209.3	1717.8	1625.8	1527.2	1475.7	1437.9	1405.4	1374.9	1291.6	1190.9
42.5°	3940.4	3468.5	2899.4	2241.0	1701.8	1589.7	1492.6	1450.4	1411.5	1377.9	1291.6
40°	4640.5	4534.3	3999.9	3401.7	2676.7	1880.2	1627.7	1501.1	1454.6	1411.5	1374.9
37.5°	4842.0	4757.6	4633.2	4388.1	3706.8	2941.7	2053.5	1640.5	1501.1	1450.4	1405.4
35°	4964.7	4905.3	4824.9	4700.5	4548.9	3861.0	3030.7	2053.5	1627.7	1492.6	1437.9
32.5°	5006.8	4981.9	4948.4	4856.4	4734.5	4565.5	3861.0	2941.7	1880.2	1589.7	1475.7
30°	4821.3	4947.6	4992.5	4961.8	4867.1	4734.5	4548.9	3706.8	2676.7	1701.8	1527.2
27.5°	4503.1	4764.6	4912.9	4996.0	4961.8	4856.4	4700.5	4388.1	3401.7	2241.0	1625.8
25°	4271.3	4430.5	4729.7	4912.9	4992.5	4948.4	4824.9	4633.2	3999.9	2899.4	1717.8
22.5°	4224.2	4261.5	4430.5	4764.6	4947.6	4981.9	4905.3	4757.6	4534.3	3468.5	2209.3
20°	4425.3	4224.2	4271.3	4503.1	4821.3	5006.8	4964.7	4842.0	4640.5	3940.4	2725.4
17.5°	4835.1	4398.9	4205.1	4300.1	4645.5	4908.8	4985.7	4904.3	4736.3	4365.0	3188.8
15°	5678.2	4687.0	4321.1	4244.9	4445.9	4813.3	5004.4	4958.5	4811.3	4572.9	3543.2
12.5°	8887.0	5065.2	4450.5	4196.4	4302.4	4692.7	4950.9	4973.4	4855.3	4640.1	3839.9
10°	12684.0	6378.3	4692.4	4295.7	4265.1	4558.7	4887.2	4985.8	4891.8	4695.8	4085.5
7.5°	19214.1	8401.0	4928.0	4375.6	4235.3	4452.4	4836.8	4995.6	4920.5	4739.7	4278.4
5°	24065.6	9892.2	5100.7	4433.9	4213.7	4375.3	4800.3	5002.7	4941.3	4771.3	4417.2
2.5°	27059.2	10807.0	5206.2	4469.4	4200.6	4328.6	4778.2	5007.0	4953.8	4790.3	4500.9
0°	28071.8	11115.5	5241.7	4481.3	4196.2	4312.9	4770.8	5008.4	4958.0	4796.7	4528.9
-2.5°	27059.2	10807.0	5206.2	4469.4	4200.6	4328.6	4778.2	5007.0	4953.8	4790.3	4500.9
-5°	24065.6	9892.2	5100.7	4433.9	4213.7	4375.3	4800.3	5002.7	4941.3	4771.3	4417.2
-7.5°	19214.1	8401.0	4928.0	4375.6	4235.3	4452.4	4836.8	4995.6	4920.5	4739.7	4278.4
-10°	12684.0	6378.3	4692.4	4295.7	4265.1	4558.7	4887.2	4985.8	4891.8	4695.8	4085.5
-12.5°	8887.0	5065.2	4450.5	4196.4	4302.4	4692.7	4950.9	4973.4	4855.3	4640.1	3839.9
-15°	5678.2	4687.0	4321.1	4244.9	4445.9	4813.3	5004.4	4958.5	4811.3	4572.9	3543.2
-17.5°	4835.1	4398.9	4205.1	4300.1	4645.5	4908.8	4985.7	4904.3	4736.3	4365.0	3188.8
-20°	4425.3	4224.2	4271.3	4503.1	4821.3	5006.8	4964.7	4842.0	4640.5	3940.4	2725.4



REPORT NUMBER: P1305941 (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°	4224.2	4261.5	4430.5	4764.6	4947.6	4981.9	4905.3	4757.6	4534.3	3468.5	2209.3
-25°	4271.3	4430.5	4729.7	4912.9	4992.5	4948.4	4824.9	4633.2	3999.9	2899.4	1717.8
-27.5°	4503.1	4764.6	4912.9	4996.0	4961.8	4856.4	4700.5	4388.1	3401.7	2241.0	1625.8
-30°	4821.3	4947.6	4992.5	4961.8	4867.1	4734.5	4548.9	3706.8	2676.7	1701.8	1527.2
-32.5°	5006.8	4981.9	4948.4	4856.4	4734.5	4565.5	3861.0	2941.7	1880.2	1589.7	1475.7
-35°	4964.7	4905.3	4824.9	4700.5	4548.9	3861.0	3030.7	2053.5	1627.7	1492.6	1437.9
-37.5°	4842.0	4757.6	4633.2	4388.1	3706.8	2941.7	2053.5	1640.5	1501.1	1450.4	1405.4
-40°	4640.5	4534.3	3999.9	3401.7	2676.7	1880.2	1627.7	1501.1	1454.6	1411.5	1374.9
-42.5°	3940.4	3468.5	2899.4	2241.0	1701.8	1589.7	1492.6	1450.4	1411.5	1377.9	1291.6
-45°	2725.4	2209.3	1717.8	1625.8	1527.2	1475.7	1437.9	1405.4	1374.9	1291.6	1190.9
-47.5°	1677.1	1605.4	1526.6	1482.1	1450.8	1419.5	1393.4	1361.7	1273.6	1180.7	1072.0
-50°	1492.8	1470.1	1445.2	1420.1	1398.5	1375.6	1316.4	1237.7	1150.2	1051.9	947.1
-52.5°	1423.1	1407.7	1390.7	1372.2	1319.6	1254.1	1183.7	1099.9	1012.0	915.1	812.5
-55°	1370.6	1332.6	1284.5	1232.1	1173.4	1104.1	1030.5	950.1	862.2	770.5	678.2
-57.5°	1213.9	1171.6	1121.1	1066.1	1006.6	939.4	866.4	789.2	710.2	628.2	545.3
-60°	1030.5	988.9	939.4	885.3	826.7	764.1	699.4	631.0	559.1	496.3	431.1
-62.5°	831.6	791.1	746.9	699.4	648.0	592.8	538.0	486.3	431.9	375.4	321.3
-65°	633.4	598.1	559.1	523.3	484.8	443.5	399.5	355.4	310.6	263.7	216.5
-67.5°	457.2	431.1	402.2	371.6	340.3	306.8	270.9	232.9	200.4	169.3	136.8
-70°	301.5	280.6	257.5	232.1	209.0	187.1	163.7	138.9	112.6	94.6	80.6
-72.5°	170.5	157.1	142.2	125.9	108.2	96.6	86.7	76.1	64.9	53.2	44.6
-75°	82.4	76.8	70.7	63.9	56.5	48.6	44.3	41.6	38.7	35.7	32.6
-77.5°	40.8	39.4	37.9	36.2	34.4	32.4	30.3	28.3	27.0	25.5	24.0
-80°	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4	19.3	18.2	17.2
-82.5°	17.1	16.7	16.3	15.8	15.2	14.6	14.0	13.3	12.6	11.9	11.1
-85°	9.6	9.4	9.3	9.1	8.9	8.8	8.5	8.3	8.1	7.8	7.6
-87.5°	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.6	4.4	4.3	4.1
-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: P1305941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-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°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.7
85°	7.3	7.0	6.7	6.4	6.1	5.8	5.4	4.9	4.4	4.0	3.5
82.5°	10.3	9.8	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.2
80°	16.1	14.9	13.8	12.6	11.3	10.1	9.4	8.7	8.1	7.4	6.6
77.5°	22.4	20.7	19.0	17.4	15.9	14.3	12.6	11.0	9.7	8.8	7.9
75°	29.3	27.1	25.0	22.9	20.7	18.5	16.5	14.5	12.5	10.4	9.2
72.5°	40.7	36.7	32.6	28.5	26.0	23.3	20.6	18.0	15.6	13.2	10.7
70°	65.9	50.7	42.8	37.9	32.9	28.2	25.1	22.0	18.8	16.0	13.2
67.5°	103.3	86.2	68.5	50.2	41.7	35.9	30.0	26.0	22.4	18.8	15.6
65°	178.8	139.7	101.6	81.3	60.5	44.0	37.5	30.8	26.0	22.0	18.0
62.5°	265.1	210.7	166.3	120.6	89.1	65.7	44.8	37.5	30.0	25.1	20.6
60°	365.1	301.5	235.9	182.4	131.3	91.7	65.7	44.0	35.9	28.2	23.3
57.5°	471.9	396.0	323.6	250.5	187.8	131.3	89.1	60.5	41.7	32.9	26.0
55°	582.6	496.5	412.3	330.9	250.5	182.4	120.6	81.3	50.2	37.9	28.5
52.5°	708.4	602.7	504.7	412.3	323.6	235.9	166.3	101.6	68.5	42.8	32.6
50°	833.6	718.6	602.7	496.5	396.0	301.5	210.7	139.7	86.2	50.7	36.7
47.5°	957.8	833.6	708.4	582.6	471.9	365.1	265.1	178.8	103.3	65.9	40.7
45°	1072.0	947.1	812.5	678.2	545.3	431.1	321.3	216.5	136.8	80.6	44.6
42.5°	1180.7	1051.9	915.1	770.5	628.2	496.3	375.4	263.7	169.3	94.6	53.2
40°	1273.6	1150.2	1012.0	862.2	710.2	559.1	431.9	310.6	200.4	112.6	64.9
37.5°	1361.7	1237.7	1099.9	950.1	789.2	631.0	486.3	355.4	232.9	138.9	76.1
35°	1393.4	1316.4	1183.7	1030.5	866.4	699.4	538.0	399.5	270.9	163.7	86.7
32.5°	1419.5	1375.6	1254.1	1104.1	939.4	764.1	592.8	443.5	306.8	187.1	96.6
30°	1450.8	1398.5	1319.6	1173.4	1006.6	826.7	648.0	484.8	340.3	209.0	108.2
27.5°	1482.1	1420.1	1372.2	1232.1	1066.1	885.3	699.4	523.3	371.6	232.1	125.9
25°	1526.6	1445.2	1390.7	1284.5	1121.1	939.4	746.9	559.1	402.2	257.5	142.2
22.5°	1605.4	1470.1	1407.7	1332.6	1171.6	988.9	791.1	598.1	431.1	280.6	157.1
20°	1677.1	1492.8	1423.1	1370.6	1213.9	1030.5	831.6	633.4	457.2	301.5	170.5
17.5°	1800.5	1531.6	1440.9	1383.3	1249.4	1067.5	867.8	664.8	480.4	320.1	182.4
15°	2176.7	1583.6	1457.2	1394.4	1280.5	1099.9	899.3	692.2	500.6	336.3	192.8
12.5°	2499.0	1628.0	1471.2	1403.8	1307.0	1127.5	926.2	715.5	517.8	350.1	201.6
10°	2765.5	1664.8	1482.7	1411.6	1328.8	1150.2	948.3	734.7	532.0	361.4	208.8
7.5°	2974.6	1693.6	1491.7	1417.7	1345.9	1168.0	965.6	749.7	543.0	370.2	214.5
5°	3124.9	1714.3	1498.2	1422.1	1358.2	1180.7	978.0	760.4	551.0	376.5	218.6
2.5°	3215.5	1726.7	1502.1	1424.7	1365.5	1188.3	985.4	766.8	555.7	380.3	221.0
0°	3245.8	1730.9	1503.4	1425.6	1368.0	1190.9	987.9	769.0	557.3	381.6	221.8
-2.5°	3215.5	1726.7	1502.1	1424.7	1365.5	1188.3	985.4	766.8	555.7	380.3	221.0
-5°	3124.9	1714.3	1498.2	1422.1	1358.2	1180.7	978.0	760.4	551.0	376.5	218.6
-7.5°	2974.6	1693.6	1491.7	1417.7	1345.9	1168.0	965.6	749.7	543.0	370.2	214.5
-10°	2765.5	1664.8	1482.7	1411.6	1328.8	1150.2	948.3	734.7	532.0	361.4	208.8
-12.5°	2499.0	1628.0	1471.2	1403.8	1307.0	1127.5	926.2	715.5	517.8	350.1	201.6
-15°	2176.7	1583.6	1457.2	1394.4	1280.5	1099.9	899.3	692.2	500.6	336.3	192.8
-17.5°	1800.5	1531.6	1440.9	1383.3	1249.4	1067.5	867.8	664.8	480.4	320.1	182.4
-20°	1677.1	1492.8	1423.1	1370.6	1213.9	1030.5	831.6	633.4	457.2	301.5	170.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1605.4	1470.1	1407.7	1332.6	1171.6	988.9	791.1	598.1	431.1	280.6	157.1
-25°	1526.6	1445.2	1390.7	1284.5	1121.1	939.4	746.9	559.1	402.2	257.5	142.2
-27.5°	1482.1	1420.1	1372.2	1232.1	1066.1	885.3	699.4	523.3	371.6	232.1	125.9
-30°	1450.8	1398.5	1319.6	1173.4	1006.6	826.7	648.0	484.8	340.3	209.0	108.2
-32.5°	1419.5	1375.6	1254.1	1104.1	939.4	764.1	592.8	443.5	306.8	187.1	96.6
-35°	1393.4	1316.4	1183.7	1030.5	866.4	699.4	538.0	399.5	270.9	163.7	86.7
-37.5°	1361.7	1237.7	1099.9	950.1	789.2	631.0	486.3	355.4	232.9	138.9	76.1
-40°	1273.6	1150.2	1012.0	862.2	710.2	559.1	431.9	310.6	200.4	112.6	64.9
-42.5°	1180.7	1051.9	915.1	770.5	628.2	496.3	375.4	263.7	169.3	94.6	53.2
-45°	1072.0	947.1	812.5	678.2	545.3	431.1	321.3	216.5	136.8	80.6	44.6
-47.5°	957.8	833.6	708.4	582.6	471.9	365.1	265.1	178.8	103.3	65.9	40.7
-50°	833.6	718.6	602.7	496.5	396.0	301.5	210.7	139.7	86.2	50.7	36.7
-52.5°	708.4	602.7	504.7	412.3	323.6	235.9	166.3	101.6	68.5	42.8	32.6
-55°	582.6	496.5	412.3	330.9	250.5	182.4	120.6	81.3	50.2	37.9	28.5
-57.5°	471.9	396.0	323.6	250.5	187.8	131.3	89.1	60.5	41.7	32.9	26.0
-60°	365.1	301.5	235.9	182.4	131.3	91.7	65.7	44.0	35.9	28.2	23.3
-62.5°	265.1	210.7	166.3	120.6	89.1	65.7	44.8	37.5	30.0	25.1	20.6
-65°	178.8	139.7	101.6	81.3	60.5	44.0	37.5	30.8	26.0	22.0	18.0
-67.5°	103.3	86.2	68.5	50.2	41.7	35.9	30.0	26.0	22.4	18.8	15.6
-70°	65.9	50.7	42.8	37.9	32.9	28.2	25.1	22.0	18.8	16.0	13.2
-72.5°	40.7	36.7	32.6	28.5	26.0	23.3	20.6	18.0	15.6	13.2	10.7
-75°	29.3	27.1	25.0	22.9	20.7	18.5	16.5	14.5	12.5	10.4	9.2
-77.5°	22.4	20.7	19.0	17.4	15.9	14.3	12.6	11.0	9.7	8.8	7.9
-80°	16.1	14.9	13.8	12.6	11.3	10.1	9.4	8.7	8.1	7.4	6.6
-82.5°	10.3	9.8	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.2
-85°	7.3	7.0	6.7	6.4	6.1	5.8	5.4	4.9	4.4	4.0	3.5
-87.5°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.7
-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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
80°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
77.5°	7.0	6.1	5.0	3.8	2.5	1.3	0.0
75°	8.1	7.0	5.9	4.5	3.0	1.5	0.0
72.5°	9.2	7.9	6.6	5.2	3.5	1.7	0.0
70°	10.4	8.8	7.4	5.9	4.0	2.0	0.0
67.5°	12.5	9.7	8.1	6.4	4.4	2.2	0.0
65°	14.5	11.0	8.7	6.9	4.9	2.5	0.0
62.5°	16.5	12.6	9.4	7.4	5.4	2.7	0.0
60°	18.5	14.3	10.1	7.9	5.8	2.9	0.0
57.5°	20.7	15.9	11.3	8.4	6.1	3.1	0.0
55°	22.9	17.4	12.6	8.9	6.4	3.3	0.0
52.5°	25.0	19.0	13.8	9.3	6.7	3.5	0.0
50°	27.1	20.7	14.9	9.8	7.0	3.7	0.0
47.5°	29.3	22.4	16.1	10.3	7.3	3.9	0.0
45°	32.6	24.0	17.2	11.1	7.6	4.1	0.0
42.5°	35.7	25.5	18.2	11.9	7.8	4.3	0.0
40°	38.7	27.0	19.3	12.6	8.1	4.4	0.0
37.5°	41.6	28.3	20.4	13.3	8.3	4.6	0.0
35°	44.3	30.3	21.4	14.0	8.5	4.8	0.0
32.5°	48.6	32.4	22.4	14.6	8.8	4.9	0.0
30°	56.5	34.4	23.3	15.2	8.9	5.0	0.0
27.5°	63.9	36.2	24.2	15.8	9.1	5.1	0.0
25°	70.7	37.9	25.0	16.3	9.3	5.3	0.0
22.5°	76.8	39.4	25.7	16.7	9.4	5.4	0.0
20°	82.4	40.8	26.3	17.1	9.6	5.5	0.0
17.5°	87.4	42.0	26.9	17.5	9.7	5.5	0.0
15°	91.7	43.1	27.4	17.8	9.8	5.6	0.0
12.5°	95.3	44.0	27.8	18.1	9.9	5.7	0.0
10°	98.3	44.8	28.2	18.3	10.0	5.7	0.0
7.5°	100.7	45.3	28.5	18.5	10.0	5.8	0.0
5°	102.4	45.8	28.6	18.6	10.1	5.8	0.0
2.5°	103.4	46.0	28.8	18.7	10.1	5.8	0.0
0°	103.7	46.1	28.8	18.7	10.1	5.8	0.0
-2.5°	103.4	46.0	28.8	18.7	10.1	5.8	0.0
-5°	102.4	45.8	28.6	18.6	10.1	5.8	0.0
-7.5°	100.7	45.3	28.5	18.5	10.0	5.8	0.0
-10°	98.3	44.8	28.2	18.3	10.0	5.7	0.0
-12.5°	95.3	44.0	27.8	18.1	9.9	5.7	0.0
-15°	91.7	43.1	27.4	17.8	9.8	5.6	0.0
-17.5°	87.4	42.0	26.9	17.5	9.7	5.5	0.0
-20°	82.4	40.8	26.3	17.1	9.6	5.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.8	39.4	25.7	16.7	9.4	5.4	0.0
-25°	70.7	37.9	25.0	16.3	9.3	5.3	0.0
-27.5°	63.9	36.2	24.2	15.8	9.1	5.1	0.0
-30°	56.5	34.4	23.3	15.2	8.9	5.0	0.0
-32.5°	48.6	32.4	22.4	14.6	8.8	4.9	0.0
-35°	44.3	30.3	21.4	14.0	8.5	4.8	0.0
-37.5°	41.6	28.3	20.4	13.3	8.3	4.6	0.0
-40°	38.7	27.0	19.3	12.6	8.1	4.4	0.0
-42.5°	35.7	25.5	18.2	11.9	7.8	4.3	0.0
-45°	32.6	24.0	17.2	11.1	7.6	4.1	0.0
-47.5°	29.3	22.4	16.1	10.3	7.3	3.9	0.0
-50°	27.1	20.7	14.9	9.8	7.0	3.7	0.0
-52.5°	25.0	19.0	13.8	9.3	6.7	3.5	0.0
-55°	22.9	17.4	12.6	8.9	6.4	3.3	0.0
-57.5°	20.7	15.9	11.3	8.4	6.1	3.1	0.0
-60°	18.5	14.3	10.1	7.9	5.8	2.9	0.0
-62.5°	16.5	12.6	9.4	7.4	5.4	2.7	0.0
-65°	14.5	11.0	8.7	6.9	4.9	2.5	0.0
-67.5°	12.5	9.7	8.1	6.4	4.4	2.2	0.0
-70°	10.4	8.8	7.4	5.9	4.0	2.0	0.0
-72.5°	9.2	7.9	6.6	5.2	3.5	1.7	0.0
-75°	8.1	7.0	5.9	4.5	3.0	1.5	0.0
-77.5°	7.0	6.1	5.0	3.8	2.5	1.3	0.0
-80°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
-82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)