

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: P1305925 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-3S-HEG-A**

Issue Date: 2/3/2026

Test Information

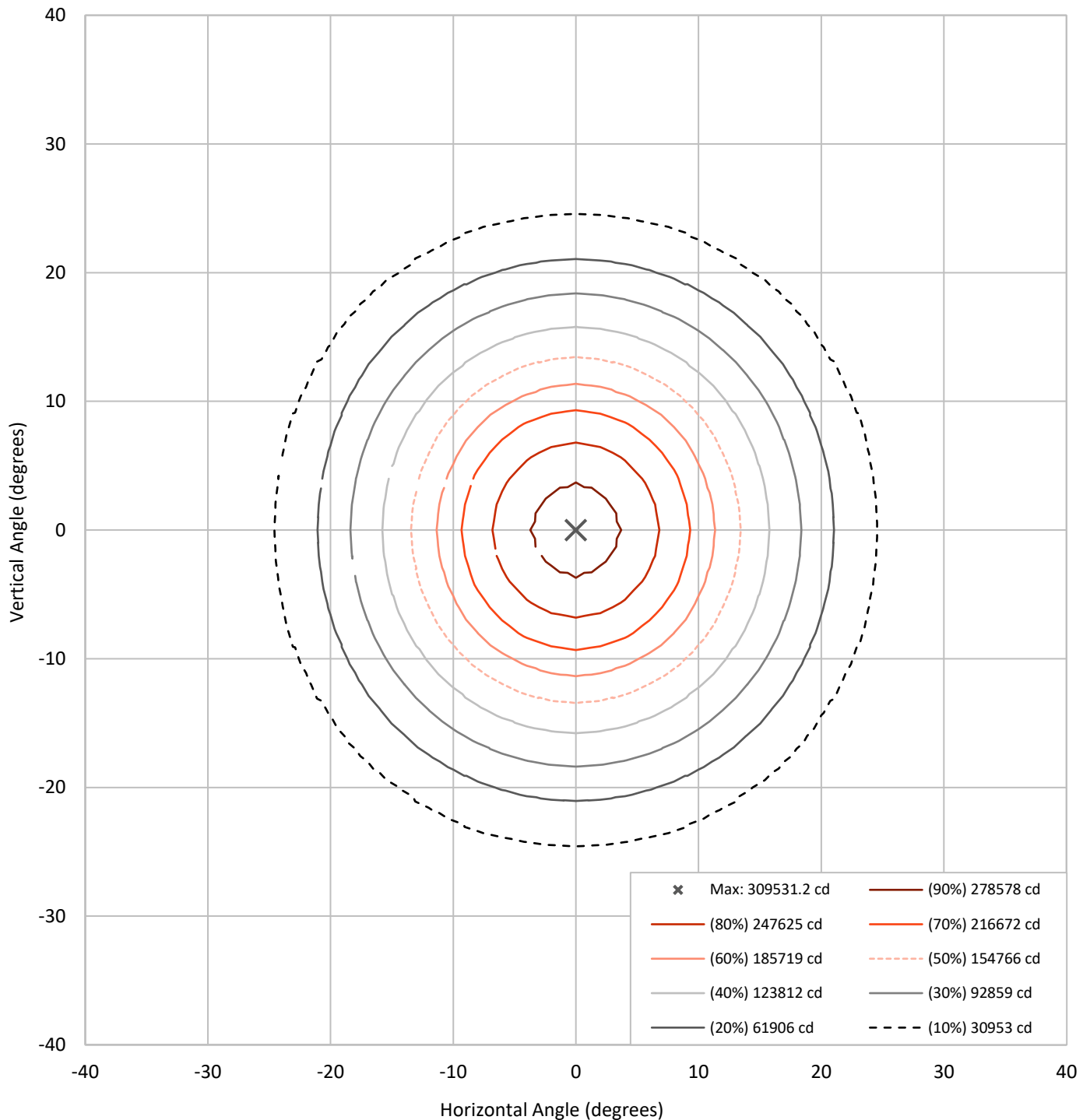
Test Method: LM-79-08
Report Number: P1305925 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-3S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	83600.2 lumens	Max Intensity:	309531.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	36247.8 lumens	Field Lumens:	69396.4 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
Input Watts (W):	554		
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





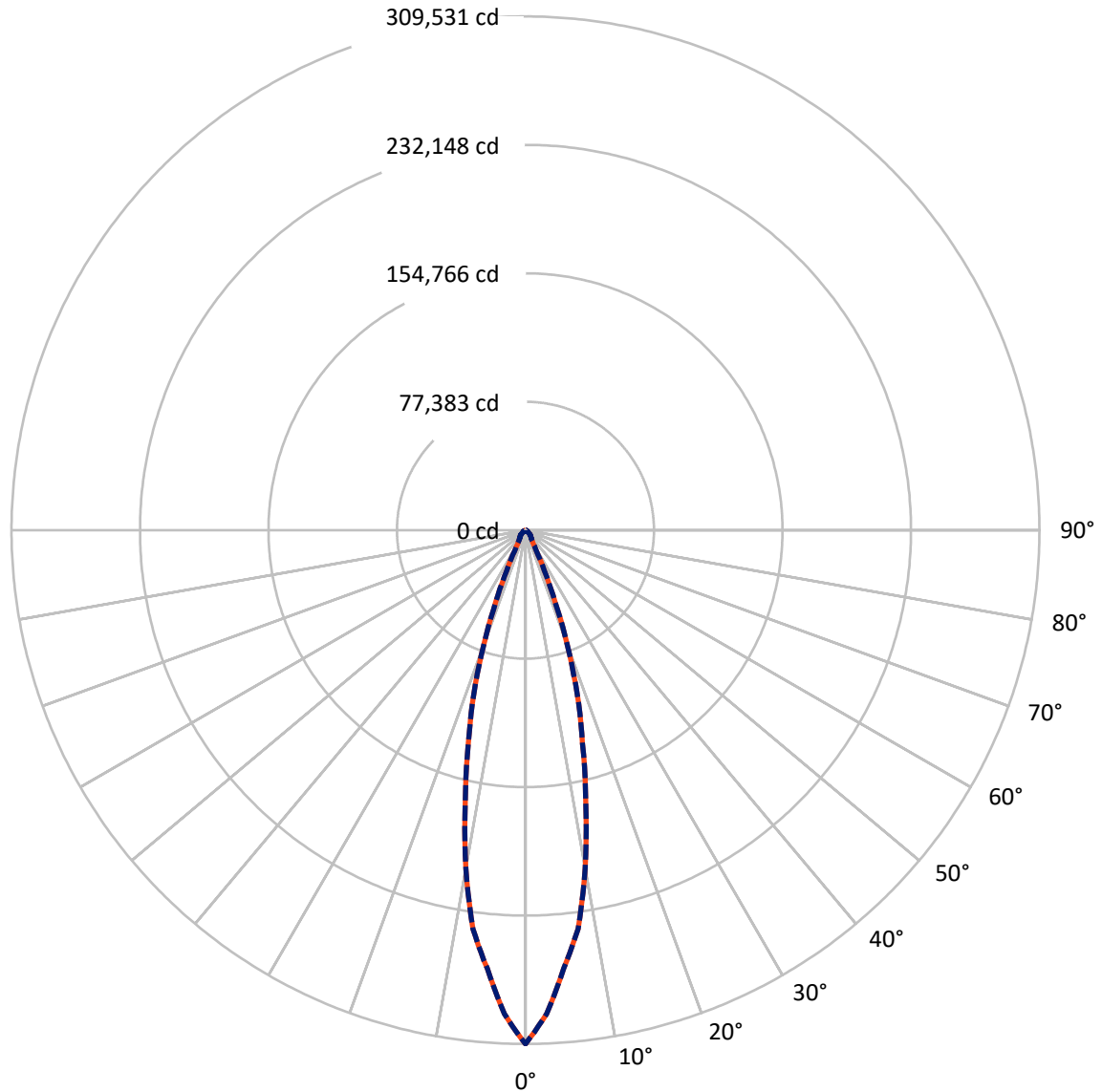
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Lumen Table

90	0.1	0.7	2.9	7.6	10.1	7.6	2.9	0.7	0.1							
80	0.1	0.7	2.9	7.6	10.1	7.6	2.9	0.7	0.1							
70	0.3	0.4	1.8	5.6	10.9	16.6	21.2	23.8	23.8	21.2	16.6	10.9	5.6	1.8	0.4	0.3
60		1.4	6.5	15.2	26.1	37.3	46.3	51.1	51.1	46.3	37.3	26.1	15.2	6.5	1.4	
50	1.0	3.4	12.4	26.5	43.8	68.9	98.7	115.8	115.8	98.7	68.9	43.8	26.5	12.4	3.4	1.0
40		5.8	18.5	37.9	77.3	127.3	163.7	192.3	192.3	163.7	127.3	77.3	37.9	18.5	5.8	
30	2.2	8.0	23.9	54.2	115.2	182.4	421.7	867.4	867.4	421.7	182.4	115.2	54.2	23.9	8.0	2.2
20		9.6	27.8	73.0	139.3	398.1	1845.1	3694.8	3694.8	1845.1	398.1	139.3	73.0	27.8	9.6	
10	2.8	10.4	29.7	83.0	159.0	798.5	3593.7	7087.5	7087.5	3593.7	798.5	159.0	83.0	29.7	10.4	2.8
0		10.4	29.7	83.0	159.0	798.5	3593.7	7087.5	7087.5	3593.7	798.5	159.0	83.0	29.7	10.4	
-10	2.2	9.6	27.8	73.0	139.3	398.1	1845.1	3694.8	3694.8	1845.1	398.1	139.3	73.0	27.8	9.6	2.2
-20		8.0	23.9	54.2	115.2	182.4	421.7	867.4	867.4	421.7	182.4	115.2	54.2	23.9	8.0	
-30	1.0	5.8	18.5	37.9	77.3	127.3	163.7	192.3	192.3	163.7	127.3	77.3	37.9	18.5	5.8	1.0
-40		3.4	12.4	26.5	43.8	68.9	98.7	115.8	115.8	98.7	68.9	43.8	26.5	12.4	3.4	
-50	0.3	1.4	6.5	15.2	26.1	37.3	46.3	51.1	51.1	46.3	37.3	26.1	15.2	6.5	1.4	0.3
-60		0.4	1.8	5.6	10.9	16.6	21.2	23.8	23.8	21.2	16.6	10.9	5.6	1.8	0.4	
-70	0.1	0.7	2.9	7.6	10.1	7.6	2.9	0.7	0.1							
-80		0.1	0.7	2.9	7.6	10.1	7.6	2.9	0.7	0.1						
-90	0.1	0.7	2.9	7.6	10.1	7.6	2.9	0.7	0.1							

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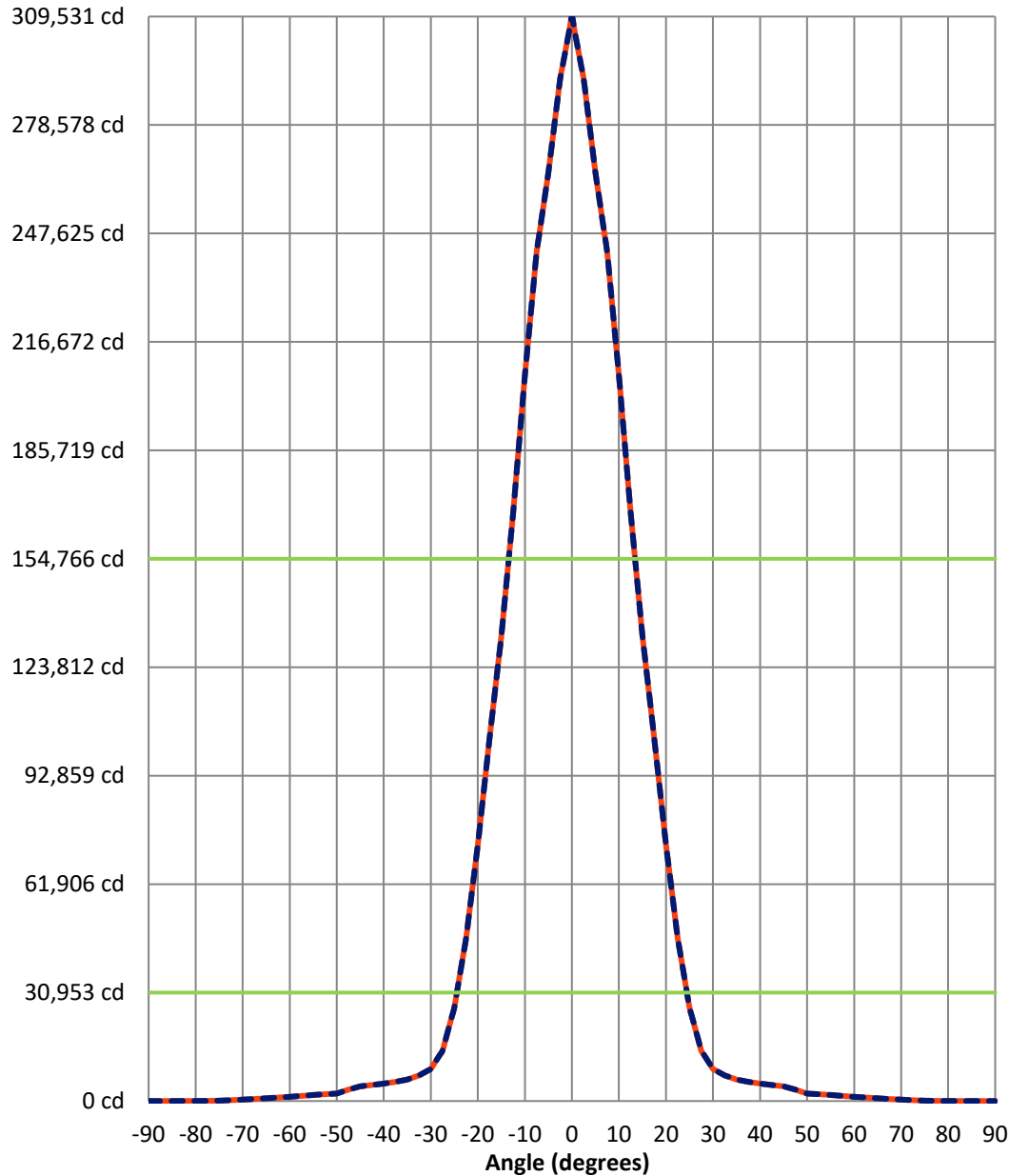
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 26.9°
V Angle: 26.9°
Lumens: 36247.8
Efficiency: 43.4%

Field:
H Angle: 48.9°
V Angle: 48.9°
Lumens: 69396.4
Efficiency: 83.0%

Spill:
Lumens: 14203.8
Efficiency: 17.0%

— 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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.2	6.7
80°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.4	7.1	7.8	8.5
77.5°	0.0	1.2	2.4	3.6	4.8	5.9	6.8	7.7	8.5	9.4	10.5
75°	0.0	1.4	2.9	4.3	5.7	6.8	7.9	8.9	10.0	11.7	13.4
72.5°	0.0	1.7	3.4	5.0	6.4	7.7	8.9	10.3	12.4	14.4	16.3
70°	0.0	1.9	3.8	5.7	7.1	8.5	10.0	12.4	14.7	17.0	20.1
67.5°	0.0	2.1	4.3	6.2	7.8	9.4	11.7	14.4	17.0	20.5	24.0
65°	0.0	2.4	4.7	6.7	8.5	10.5	13.4	16.3	20.1	24.0	29.0
62.5°	0.0	2.6	5.2	7.2	9.1	11.9	15.1	18.8	23.1	28.1	36.6
60°	0.0	2.8	5.6	7.7	9.8	13.2	16.7	21.4	26.1	34.8	44.0
57.5°	0.0	3.0	5.9	8.2	10.8	14.6	18.8	23.9	31.3	41.4	63.3
55°	0.0	3.2	6.2	8.6	11.8	15.9	21.0	26.4	37.0	51.2	87.7
52.5°	0.0	3.4	6.5	9.1	12.8	17.2	23.0	31.0	42.6	72.6	111.4
50°	0.0	3.6	6.8	9.5	13.8	18.8	25.0	35.7	51.8	93.4	154.7
47.5°	0.0	3.8	7.1	10.0	14.7	20.5	27.3	40.3	69.6	113.4	198.9
45°	0.0	4.0	7.3	10.6	15.6	22.0	31.0	44.6	86.8	151.3	241.6
42.5°	0.0	4.1	7.6	11.3	16.5	23.5	34.6	54.7	103.3	188.1	291.8
40°	0.0	4.3	7.8	11.9	17.5	24.9	38.0	68.5	124.0	223.4	341.4
37.5°	0.0	4.4	8.1	12.5	18.5	26.3	41.3	81.6	153.7	259.4	388.7
35°	0.0	4.6	8.3	13.0	19.6	28.4	44.4	93.9	181.8	299.5	433.1
32.5°	0.0	4.7	8.5	13.5	20.5	30.8	49.3	105.6	208.3	337.4	474.4
30°	0.0	4.8	8.7	14.0	21.4	33.0	58.6	119.0	233.1	372.8	513.1
27.5°	0.0	5.0	8.8	14.5	22.2	35.1	67.2	139.0	258.4	405.8	549.1
25°	0.0	5.1	9.0	14.9	23.0	37.0	75.2	157.5	285.3	435.7	582.7
22.5°	0.0	5.2	9.2	15.3	23.7	38.8	82.4	174.3	309.7	462.8	621.2
20°	0.0	5.3	9.3	15.6	24.3	40.4	89.0	189.5	331.8	487.2	655.9
17.5°	0.0	5.3	9.4	15.9	24.9	41.8	94.7	203.0	351.4	509.0	686.7
15°	0.0	5.4	9.5	16.2	25.4	43.0	99.8	214.7	368.5	527.9	713.7
12.5°	0.0	5.5	9.6	16.4	25.8	44.0	104.1	224.7	383.1	544.0	736.6
10°	0.0	5.5	9.7	16.6	26.1	44.9	107.6	232.9	395.0	557.3	755.5
7.5°	0.0	5.6	9.7	16.7	26.4	45.5	110.4	239.3	404.4	567.6	770.2
5°	0.0	5.6	9.8	16.8	26.5	46.0	112.3	243.9	411.0	575.1	780.7
2.5°	0.0	5.6	9.8	16.9	26.7	46.3	113.5	246.7	415.1	579.5	787.1
0°	0.0	5.6	9.8	16.9	26.7	46.4	113.9	247.6	416.4	581.0	789.2
-2.5°	0.0	5.6	9.8	16.9	26.7	46.3	113.5	246.7	415.1	579.5	787.1
-5°	0.0	5.6	9.8	16.8	26.5	46.0	112.3	243.9	411.0	575.1	780.7
-7.5°	0.0	5.6	9.7	16.7	26.4	45.5	110.4	239.3	404.4	567.6	770.2
-10°	0.0	5.5	9.7	16.6	26.1	44.9	107.6	232.9	395.0	557.3	755.5
-12.5°	0.0	5.5	9.6	16.4	25.8	44.0	104.1	224.7	383.1	544.0	736.6
-15°	0.0	5.4	9.5	16.2	25.4	43.0	99.8	214.7	368.5	527.9	713.7
-17.5°	0.0	5.3	9.4	15.9	24.9	41.8	94.7	203.0	351.4	509.0	686.7
-20°	0.0	5.3	9.3	15.6	24.3	40.4	89.0	189.5	331.8	487.2	655.9



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 CATALOG NUMBER: EPH-08-530N-40-80-3S-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	5.2	9.2	15.3	23.7	38.8	82.4	174.3	309.7	462.8	621.2
-25°	0.0	5.1	9.0	14.9	23.0	37.0	75.2	157.5	285.3	435.7	582.7
-27.5°	0.0	5.0	8.8	14.5	22.2	35.1	67.2	139.0	258.4	405.8	549.1
-30°	0.0	4.8	8.7	14.0	21.4	33.0	58.6	119.0	233.1	372.8	513.1
-32.5°	0.0	4.7	8.5	13.5	20.5	30.8	49.3	105.6	208.3	337.4	474.4
-35°	0.0	4.6	8.3	13.0	19.6	28.4	44.4	93.9	181.8	299.5	433.1
-37.5°	0.0	4.4	8.1	12.5	18.5	26.3	41.3	81.6	153.7	259.4	388.7
-40°	0.0	4.3	7.8	11.9	17.5	24.9	38.0	68.5	124.0	223.4	341.4
-42.5°	0.0	4.1	7.6	11.3	16.5	23.5	34.6	54.7	103.3	188.1	291.8
-45°	0.0	4.0	7.3	10.6	15.6	22.0	31.0	44.6	86.8	151.3	241.6
-47.5°	0.0	3.8	7.1	10.0	14.7	20.5	27.3	40.3	69.6	113.4	198.9
-50°	0.0	3.6	6.8	9.5	13.8	18.8	25.0	35.7	51.8	93.4	154.7
-52.5°	0.0	3.4	6.5	9.1	12.8	17.2	23.0	31.0	42.6	72.6	111.4
-55°	0.0	3.2	6.2	8.6	11.8	15.9	21.0	26.4	37.0	51.2	87.7
-57.5°	0.0	3.0	5.9	8.2	10.8	14.6	18.8	23.9	31.3	41.4	63.3
-60°	0.0	2.8	5.6	7.7	9.8	13.2	16.7	21.4	26.1	34.8	44.0
-62.5°	0.0	2.6	5.2	7.2	9.1	11.9	15.1	18.8	23.1	28.1	36.6
-65°	0.0	2.4	4.7	6.7	8.5	10.5	13.4	16.3	20.1	24.0	29.0
-67.5°	0.0	2.1	4.3	6.2	7.8	9.4	11.7	14.4	17.0	20.5	24.0
-70°	0.0	1.9	3.8	5.7	7.1	8.5	10.0	12.4	14.7	17.0	20.1
-72.5°	0.0	1.7	3.4	5.0	6.4	7.7	8.9	10.3	12.4	14.4	16.3
-75°	0.0	1.4	2.9	4.3	5.7	6.8	7.9	8.9	10.0	11.7	13.4
-77.5°	0.0	1.2	2.4	3.6	4.8	5.9	6.8	7.7	8.5	9.4	10.5
-80°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.4	7.1	7.8	8.5
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.2	6.7
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-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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 CATALOG NUMBER: EPH-08-530N-40-80-3S-HEG-A

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°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
85°	5.2	5.6	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.8	8.1
82.5°	7.2	7.7	8.2	8.6	9.1	9.5	10.0	10.6	11.3	11.9	12.5
80°	9.1	9.8	10.8	11.8	12.8	13.8	14.7	15.6	16.5	17.5	18.5
77.5°	11.9	13.2	14.6	15.9	17.2	18.8	20.5	22.0	23.5	24.9	26.3
75°	15.1	16.7	18.8	21.0	23.0	25.0	27.3	31.0	34.6	38.0	41.3
72.5°	18.8	21.4	23.9	26.4	31.0	35.7	40.3	44.6	54.7	68.5	81.6
70°	23.1	26.1	31.3	37.0	42.6	51.8	69.6	86.8	103.3	124.0	153.7
67.5°	28.1	34.8	41.4	51.2	72.6	93.4	113.4	151.3	188.1	223.4	259.4
65°	36.6	44.0	63.3	87.7	111.4	154.7	198.9	241.6	291.8	341.4	388.7
62.5°	44.9	69.3	96.8	133.0	184.8	235.1	293.3	352.7	409.9	463.5	514.5
60°	69.3	99.8	145.1	203.0	262.5	331.8	399.0	462.8	523.8	582.7	653.5
57.5°	96.8	145.1	209.1	278.0	355.1	429.9	501.0	569.8	650.7	731.3	808.8
55°	133.0	203.0	278.0	362.9	445.1	524.0	605.9	699.9	790.6	879.7	964.9
52.5°	184.8	262.5	355.1	445.1	531.8	625.6	729.6	831.4	930.9	1026.2	1115.7
50°	235.1	331.8	429.9	524.0	625.6	739.6	851.9	962.0	1066.8	1166.9	1276.1
47.5°	293.3	399.0	501.0	605.9	729.6	851.9	972.4	1087.3	1198.0	1327.9	1455.2
45°	352.7	462.8	569.8	699.9	831.4	962.0	1087.3	1208.4	1354.0	1496.2	1638.0
42.5°	409.9	523.8	650.7	790.6	930.9	1066.8	1198.0	1354.0	1510.1	1666.2	1802.6
40°	463.5	582.7	731.3	879.7	1026.2	1166.9	1327.9	1496.2	1666.2	1814.5	1947.4
37.5°	514.5	653.5	808.8	964.9	1115.7	1276.1	1455.2	1638.0	1802.6	1947.4	2065.0
35°	562.9	720.8	883.7	1045.0	1201.1	1389.9	1582.2	1766.9	1923.0	2054.6	2378.4
32.5°	615.9	784.3	954.6	1119.9	1299.8	1499.5	1703.4	1874.8	2023.8	2249.4	3040.0
30°	670.2	845.2	1020.7	1190.5	1394.4	1606.2	1803.6	1973.2	2114.6	2842.5	3600.5
27.5°	720.8	902.0	1081.3	1268.0	1483.9	1706.2	1893.2	2053.0	2518.1	3379.4	4094.3
25°	767.5	954.6	1137.3	1343.7	1569.8	1787.8	1972.7	2127.6	3008.4	3812.9	4344.8
22.5°	810.6	1002.6	1188.7	1413.2	1648.7	1858.9	2036.5	2494.5	3427.8	4204.0	4521.9
20°	850.0	1045.0	1241.6	1476.7	1720.3	1923.6	2094.6	2878.8	3769.8	4355.2	4691.4
17.5°	885.0	1082.7	1293.0	1535.3	1775.4	1976.7	2190.0	3224.0	4077.5	4491.5	4847.8
15°	915.6	1115.7	1337.9	1586.7	1822.0	2018.8	2470.2	3482.0	4258.9	4614.2	4987.5
12.5°	941.7	1143.8	1376.2	1630.6	1861.9	2054.9	2710.2	3696.9	4354.6	4724.6	5134.4
10°	963.2	1166.9	1407.8	1666.8	1894.8	2084.6	2908.7	3874.9	4433.9	4816.3	5256.7
7.5°	979.9	1185.0	1432.5	1695.1	1920.6	2108.0	3064.4	4014.7	4496.3	4888.5	5353.2
5°	992.0	1198.0	1450.2	1715.4	1939.0	2124.7	3176.4	4115.4	4541.3	4940.6	5422.9
2.5°	999.2	1205.8	1460.8	1727.6	1950.2	2134.8	3243.9	4176.0	4568.4	4972.1	5465.1
0°	1001.6	1208.4	1464.4	1731.7	1953.9	2138.2	3266.4	4196.3	4577.5	4982.6	5479.2
-2.5°	999.2	1205.8	1460.8	1727.6	1950.2	2134.8	3243.9	4176.0	4568.4	4972.1	5465.1
-5°	992.0	1198.0	1450.2	1715.4	1939.0	2124.7	3176.4	4115.4	4541.3	4940.6	5422.9
-7.5°	979.9	1185.0	1432.5	1695.1	1920.6	2108.0	3064.4	4014.7	4496.3	4888.5	5353.2
-10°	963.2	1166.9	1407.8	1666.8	1894.8	2084.6	2908.7	3874.9	4433.9	4816.3	5256.7
-12.5°	941.7	1143.8	1376.2	1630.6	1861.9	2054.9	2710.2	3696.9	4354.6	4724.6	5134.4
-15°	915.6	1115.7	1337.9	1586.7	1822.0	2018.8	2470.2	3482.0	4258.9	4614.2	4987.5
-17.5°	885.0	1082.7	1293.0	1535.3	1775.4	1976.7	2190.0	3224.0	4077.5	4491.5	4847.8
-20°	850.0	1045.0	1241.6	1476.7	1720.3	1923.6	2094.6	2878.8	3769.8	4355.2	4691.4



REPORT NUMBER: P1305925 (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°	810.6	1002.6	1188.7	1413.2	1648.7	1858.9	2036.5	2494.5	3427.8	4204.0	4521.9
-25°	767.5	954.6	1137.3	1343.7	1569.8	1787.8	1972.7	2127.6	3008.4	3812.9	4344.8
-27.5°	720.8	902.0	1081.3	1268.0	1483.9	1706.2	1893.2	2053.0	2518.1	3379.4	4094.3
-30°	670.2	845.2	1020.7	1190.5	1394.4	1606.2	1803.6	1973.2	2114.6	2842.5	3600.5
-32.5°	615.9	784.3	954.6	1119.9	1299.8	1499.5	1703.4	1874.8	2023.8	2249.4	3040.0
-35°	562.9	720.8	883.7	1045.0	1201.1	1389.9	1582.2	1766.9	1923.0	2054.6	2378.4
-37.5°	514.5	653.5	808.8	964.9	1115.7	1276.1	1455.2	1638.0	1802.6	1947.4	2065.0
-40°	463.5	582.7	731.3	879.7	1026.2	1166.9	1327.9	1496.2	1666.2	1814.5	1947.4
-42.5°	409.9	523.8	650.7	790.6	930.9	1066.8	1198.0	1354.0	1510.1	1666.2	1802.6
-45°	352.7	462.8	569.8	699.9	831.4	962.0	1087.3	1208.4	1354.0	1496.2	1638.0
-47.5°	293.3	399.0	501.0	605.9	729.6	851.9	972.4	1087.3	1198.0	1327.9	1455.2
-50°	235.1	331.8	429.9	524.0	625.6	739.6	851.9	962.0	1066.8	1166.9	1276.1
-52.5°	184.8	262.5	355.1	445.1	531.8	625.6	729.6	831.4	930.9	1026.2	1115.7
-55°	133.0	203.0	278.0	362.9	445.1	524.0	605.9	699.9	790.6	879.7	964.9
-57.5°	96.8	145.1	209.1	278.0	355.1	429.9	501.0	569.8	650.7	731.3	808.8
-60°	69.3	99.8	145.1	203.0	262.5	331.8	399.0	462.8	523.8	582.7	653.5
-62.5°	44.9	69.3	96.8	133.0	184.8	235.1	293.3	352.7	409.9	463.5	514.5
-65°	36.6	44.0	63.3	87.7	111.4	154.7	198.9	241.6	291.8	341.4	388.7
-67.5°	28.1	34.8	41.4	51.2	72.6	93.4	113.4	151.3	188.1	223.4	259.4
-70°	23.1	26.1	31.3	37.0	42.6	51.8	69.6	86.8	103.3	124.0	153.7
-72.5°	18.8	21.4	23.9	26.4	31.0	35.7	40.3	44.6	54.7	68.5	81.6
-75°	15.1	16.7	18.8	21.0	23.0	25.0	27.3	31.0	34.6	38.0	41.3
-77.5°	11.9	13.2	14.6	15.9	17.2	18.8	20.5	22.0	23.5	24.9	26.3
-80°	9.1	9.8	10.8	11.8	12.8	13.8	14.7	15.6	16.5	17.5	18.5
-82.5°	7.2	7.7	8.2	8.6	9.1	9.5	10.0	10.6	11.3	11.9	12.5
-85°	5.2	5.6	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.8	8.1
-87.5°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
-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°	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5
85°	8.3	8.5	8.7	8.8	9.0	9.2	9.3	9.4	9.5	9.6	9.7
82.5°	13.0	13.5	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.4	16.6
80°	19.6	20.5	21.4	22.2	23.0	23.7	24.3	24.9	25.4	25.8	26.1
77.5°	28.4	30.8	33.0	35.1	37.0	38.8	40.4	41.8	43.0	44.0	44.9
75°	44.4	49.3	58.6	67.2	75.2	82.4	89.0	94.7	99.8	104.1	107.6
72.5°	93.9	105.6	119.0	139.0	157.5	174.3	189.5	203.0	214.7	224.7	232.9
70°	181.8	208.3	233.1	258.4	285.3	309.7	331.8	351.4	368.5	383.1	395.0
67.5°	299.5	337.4	372.8	405.8	435.7	462.8	487.2	509.0	527.9	544.0	557.3
65°	433.1	474.4	513.1	549.1	582.7	621.2	655.9	686.7	713.7	736.6	755.5
62.5°	562.9	615.9	670.2	720.8	767.5	810.6	850.0	885.0	915.6	941.7	963.2
60°	720.8	784.3	845.2	902.0	954.6	1002.6	1045.0	1082.7	1115.7	1143.8	1166.9
57.5°	883.7	954.6	1020.7	1081.3	1137.3	1188.7	1241.6	1293.0	1337.9	1376.2	1407.8
55°	1045.0	1119.9	1190.5	1268.0	1343.7	1413.2	1476.7	1535.3	1586.7	1630.6	1666.8
52.5°	1201.1	1299.8	1394.4	1483.9	1569.8	1648.7	1720.3	1775.4	1822.0	1861.9	1894.8
50°	1389.9	1499.5	1606.2	1706.2	1787.8	1858.9	1923.6	1976.7	2018.8	2054.9	2084.6
47.5°	1582.2	1703.4	1803.6	1893.2	1972.7	2036.5	2094.6	2190.0	2470.2	2710.2	2908.7
45°	1766.9	1874.8	1973.2	2053.0	2127.6	2494.5	2878.8	3224.0	3482.0	3696.9	3874.9
42.5°	1923.0	2023.8	2114.6	2518.1	3008.4	3427.8	3769.8	4077.5	4258.9	4354.6	4433.9
40°	2054.6	2249.4	2842.5	3379.4	3812.9	4204.0	4355.2	4491.5	4614.2	4724.6	4816.3
37.5°	2378.4	3040.0	3600.5	4094.3	4344.8	4521.9	4691.4	4847.8	4987.5	5134.4	5256.7
35°	3106.2	3712.3	4224.8	4440.5	4648.2	4850.2	5048.5	5255.6	5439.8	5638.8	5815.8
32.5°	3712.3	4248.4	4489.0	4727.5	4958.5	5218.3	5463.8	5755.8	6021.1	6339.7	6683.8
30°	4224.8	4489.0	4754.2	5020.4	5322.3	5648.1	5998.8	6460.9	6973.5	7480.5	8068.3
27.5°	4440.5	4727.5	5020.4	5357.3	5744.3	6154.9	6826.6	7516.8	8386.2	9148.8	10982.6
25°	4648.2	4958.5	5322.3	5744.3	6244.6	7013.1	7970.3	9012.4	11451.4	13832.5	17810.2
22.5°	4850.2	5218.3	5648.1	6154.9	7013.1	8123.6	9668.2	12883.3	17722.9	23833.0	30513.0
20°	5048.5	5463.8	5998.8	6826.6	7970.3	9668.2	13369.0	20115.4	28155.5	38960.3	48934.5
17.5°	5255.6	5755.8	6460.9	7516.8	9012.4	12883.3	20115.4	30220.7	43339.8	58305.0	72338.1
15°	5439.8	6021.1	6973.5	8386.2	11451.4	17722.9	28155.5	43339.8	61519.1	80071.4	97970.7
12.5°	5638.8	6339.7	7480.5	9148.8	13832.5	23833.0	38960.3	58305.0	80071.4	102318.1	121579.4
10°	5815.8	6683.8	8068.3	10982.6	17810.2	30513.0	48934.5	72338.1	97970.7	121579.4	144557.1
7.5°	5955.8	6956.8	8536.1	12453.2	21617.2	37323.9	59218.5	85433.4	112565.6	138730.8	168110.6
5°	6057.1	7154.8	8876.2	13526.3	24407.6	42345.1	66858.9	95353.0	123497.3	153998.6	187603.9
2.5°	6118.5	7274.8	9082.9	14179.8	26112.2	45425.6	71573.5	101524.3	130380.2	164244.2	201911.6
0°	6139.0	7315.0	9152.2	14399.3	26685.7	46464.3	73168.2	103621.1	132734.8	167777.9	207060.8
-2.5°	6118.5	7274.8	9082.9	14179.8	26112.2	45425.6	71573.5	101524.3	130380.2	164244.2	201911.6
-5°	6057.1	7154.8	8876.2	13526.3	24407.6	42345.1	66858.9	95353.0	123497.3	153998.6	187603.9
-7.5°	5955.8	6956.8	8536.1	12453.2	21617.2	37323.9	59218.5	85433.4	112565.6	138730.8	168110.6
-10°	5815.8	6683.8	8068.3	10982.6	17810.2	30513.0	48934.5	72338.1	97970.7	121579.4	144557.1
-12.5°	5638.8	6339.7	7480.5	9148.8	13832.5	23833.0	38960.3	58305.0	80071.4	102318.1	121579.4
-15°	5439.8	6021.1	6973.5	8386.2	11451.4	17722.9	28155.5	43339.8	61519.1	80071.4	97970.7
-17.5°	5255.6	5755.8	6460.9	7516.8	9012.4	12883.3	20115.4	30220.7	43339.8	58305.0	72338.1
-20°	5048.5	5463.8	5998.8	6826.6	7970.3	9668.2	13369.0	20115.4	28155.5	38960.3	48934.5



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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°	4850.2	5218.3	5648.1	6154.9	7013.1	8123.6	9668.2	12883.3	17722.9	23833.0	30513.0
-25°	4648.2	4958.5	5322.3	5744.3	6244.6	7013.1	7970.3	9012.4	11451.4	13832.5	17810.2
-27.5°	4440.5	4727.5	5020.4	5357.3	5744.3	6154.9	6826.6	7516.8	8386.2	9148.8	10982.6
-30°	4224.8	4489.0	4754.2	5020.4	5322.3	5648.1	5998.8	6460.9	6973.5	7480.5	8068.3
-32.5°	3712.3	4248.4	4489.0	4727.5	4958.5	5218.3	5463.8	5755.8	6021.1	6339.7	6683.8
-35°	3106.2	3712.3	4224.8	4440.5	4648.2	4850.2	5048.5	5255.6	5439.8	5638.8	5815.8
-37.5°	2378.4	3040.0	3600.5	4094.3	4344.8	4521.9	4691.4	4847.8	4987.5	5134.4	5256.7
-40°	2054.6	2249.4	2842.5	3379.4	3812.9	4204.0	4355.2	4491.5	4614.2	4724.6	4816.3
-42.5°	1923.0	2023.8	2114.6	2518.1	3008.4	3427.8	3769.8	4077.5	4258.9	4354.6	4433.9
-45°	1766.9	1874.8	1973.2	2053.0	2127.6	2494.5	2878.8	3224.0	3482.0	3696.9	3874.9
-47.5°	1582.2	1703.4	1803.6	1893.2	1972.7	2036.5	2094.6	2190.0	2470.2	2710.2	2908.7
-50°	1389.9	1499.5	1606.2	1706.2	1787.8	1858.9	1923.6	1976.7	2018.8	2054.9	2084.6
-52.5°	1201.1	1299.8	1394.4	1483.9	1569.8	1648.7	1720.3	1775.4	1822.0	1861.9	1894.8
-55°	1045.0	1119.9	1190.5	1268.0	1343.7	1413.2	1476.7	1535.3	1586.7	1630.6	1666.8
-57.5°	883.7	954.6	1020.7	1081.3	1137.3	1188.7	1241.6	1293.0	1337.9	1376.2	1407.8
-60°	720.8	784.3	845.2	902.0	954.6	1002.6	1045.0	1082.7	1115.7	1143.8	1166.9
-62.5°	562.9	615.9	670.2	720.8	767.5	810.6	850.0	885.0	915.6	941.7	963.2
-65°	433.1	474.4	513.1	549.1	582.7	621.2	655.9	686.7	713.7	736.6	755.5
-67.5°	299.5	337.4	372.8	405.8	435.7	462.8	487.2	509.0	527.9	544.0	557.3
-70°	181.8	208.3	233.1	258.4	285.3	309.7	331.8	351.4	368.5	383.1	395.0
-72.5°	93.9	105.6	119.0	139.0	157.5	174.3	189.5	203.0	214.7	224.7	232.9
-75°	44.4	49.3	58.6	67.2	75.2	82.4	89.0	94.7	99.8	104.1	107.6
-77.5°	28.4	30.8	33.0	35.1	37.0	38.8	40.4	41.8	43.0	44.0	44.9
-80°	19.6	20.5	21.4	22.2	23.0	23.7	24.3	24.9	25.4	25.8	26.1
-82.5°	13.0	13.5	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.4	16.6
-85°	8.3	8.5	8.7	8.8	9.0	9.2	9.3	9.4	9.5	9.6	9.7
-87.5°	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	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



REPORT NUMBER: P1305925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
85°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.4
82.5°	16.7	16.8	16.9	16.9	16.9	16.8	16.7	16.6	16.4	16.2	15.9
80°	26.4	26.5	26.7	26.7	26.7	26.5	26.4	26.1	25.8	25.4	24.9
77.5°	45.5	46.0	46.3	46.4	46.3	46.0	45.5	44.9	44.0	43.0	41.8
75°	110.4	112.3	113.5	113.9	113.5	112.3	110.4	107.6	104.1	99.8	94.7
72.5°	239.3	243.9	246.7	247.6	246.7	243.9	239.3	232.9	224.7	214.7	203.0
70°	404.4	411.0	415.1	416.4	415.1	411.0	404.4	395.0	383.1	368.5	351.4
67.5°	567.6	575.1	579.5	581.0	579.5	575.1	567.6	557.3	544.0	527.9	509.0
65°	770.2	780.7	787.1	789.2	787.1	780.7	770.2	755.5	736.6	713.7	686.7
62.5°	979.9	992.0	999.2	1001.6	999.2	992.0	979.9	963.2	941.7	915.6	885.0
60°	1185.0	1198.0	1205.8	1208.4	1205.8	1198.0	1185.0	1166.9	1143.8	1115.7	1082.7
57.5°	1432.5	1450.2	1460.8	1464.4	1460.8	1450.2	1432.5	1407.8	1376.2	1337.9	1293.0
55°	1695.1	1715.4	1727.6	1731.7	1727.6	1715.4	1695.1	1666.8	1630.6	1586.7	1535.3
52.5°	1920.6	1939.0	1950.2	1953.9	1950.2	1939.0	1920.6	1894.8	1861.9	1822.0	1775.4
50°	2108.0	2124.7	2134.8	2138.2	2134.8	2124.7	2108.0	2084.6	2054.9	2018.8	1976.7
47.5°	3064.4	3176.4	3243.9	3266.4	3243.9	3176.4	3064.4	2908.7	2710.2	2470.2	2190.0
45°	4014.7	4115.4	4176.0	4196.3	4176.0	4115.4	4014.7	3874.9	3696.9	3482.0	3224.0
42.5°	4496.3	4541.3	4568.4	4577.5	4568.4	4541.3	4496.3	4433.9	4354.6	4258.9	4077.5
40°	4888.5	4940.6	4972.1	4982.6	4972.1	4940.6	4888.5	4816.3	4724.6	4614.2	4491.5
37.5°	5353.2	5422.9	5465.1	5479.2	5465.1	5422.9	5353.2	5256.7	5134.4	4987.5	4847.8
35°	5955.8	6057.1	6118.5	6139.0	6118.5	6057.1	5955.8	5815.8	5638.8	5439.8	5255.6
32.5°	6956.8	7154.8	7274.8	7315.0	7274.8	7154.8	6956.8	6683.8	6339.7	6021.1	5755.8
30°	8536.1	8876.2	9082.9	9152.2	9082.9	8876.2	8536.1	8068.3	7480.5	6973.5	6460.9
27.5°	12453.2	13526.3	14179.8	14399.3	14179.8	13526.3	12453.2	10982.6	9148.8	8386.2	7516.8
25°	21617.2	24407.6	26112.2	26685.7	26112.2	24407.6	21617.2	17810.2	13832.5	11451.4	9012.4
22.5°	37323.9	42345.1	45425.6	46464.3	45425.6	42345.1	37323.9	30513.0	23833.0	17722.9	12883.3
20°	59218.5	66858.9	71573.5	73168.2	71573.5	66858.9	59218.5	48934.5	38960.3	28155.5	20115.4
17.5°	85433.4	95353.0	101524.3	103621.1	101524.3	95353.0	85433.4	72338.1	58305.0	43339.8	30220.7
15°	112565.6	123497.3	130380.2	132734.8	130380.2	123497.3	112565.6	97970.7	80071.4	61519.1	43339.8
12.5°	138730.8	153998.6	164244.2	167777.9	164244.2	153998.6	138730.8	121579.4	102318.1	80071.4	58305.0
10°	168110.6	187603.9	201911.6	207060.8	201911.6	187603.9	168110.6	144557.1	121579.4	97970.7	72338.1
7.5°	197065.7	223381.2	237937.6	242259.3	237937.6	223381.2	197065.7	168110.6	138730.8	112565.6	85433.4
5°	223381.2	246902.2	260365.8	265023.7	260365.8	246902.2	223381.2	187603.9	153998.6	123497.3	95353.0
2.5°	237937.6	260365.8	279054.5	291736.1	279054.5	260365.8	237937.6	201911.6	164244.2	130380.2	101524.3
0°	242259.3	265023.7	291736.1	309531.2	291736.1	265023.7	242259.3	207060.8	167777.9	132734.8	103621.1
-2.5°	237937.6	260365.8	279054.5	291736.1	279054.5	260365.8	237937.6	201911.6	164244.2	130380.2	101524.3
-5°	223381.2	246902.2	260365.8	265023.7	260365.8	246902.2	223381.2	187603.9	153998.6	123497.3	95353.0
-7.5°	197065.7	223381.2	237937.6	242259.3	237937.6	223381.2	197065.7	168110.6	138730.8	112565.6	85433.4
-10°	168110.6	187603.9	201911.6	207060.8	201911.6	187603.9	168110.6	144557.1	121579.4	97970.7	72338.1
-12.5°	138730.8	153998.6	164244.2	167777.9	164244.2	153998.6	138730.8	121579.4	102318.1	80071.4	58305.0
-15°	112565.6	123497.3	130380.2	132734.8	130380.2	123497.3	112565.6	97970.7	80071.4	61519.1	43339.8
-17.5°	85433.4	95353.0	101524.3	103621.1	101524.3	95353.0	85433.4	72338.1	58305.0	43339.8	30220.7
-20°	59218.5	66858.9	71573.5	73168.2	71573.5	66858.9	59218.5	48934.5	38960.3	28155.5	20115.4



REPORT NUMBER: P1305925 (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°	37323.9	42345.1	45425.6	46464.3	45425.6	42345.1	37323.9	30513.0	23833.0	17722.9	12883.3
-25°	21617.2	24407.6	26112.2	26685.7	26112.2	24407.6	21617.2	17810.2	13832.5	11451.4	9012.4
-27.5°	12453.2	13526.3	14179.8	14399.3	14179.8	13526.3	12453.2	10982.6	9148.8	8386.2	7516.8
-30°	8536.1	8876.2	9082.9	9152.2	9082.9	8876.2	8536.1	8068.3	7480.5	6973.5	6460.9
-32.5°	6956.8	7154.8	7274.8	7315.0	7274.8	7154.8	6956.8	6683.8	6339.7	6021.1	5755.8
-35°	5955.8	6057.1	6118.5	6139.0	6118.5	6057.1	5955.8	5815.8	5638.8	5439.8	5255.6
-37.5°	5353.2	5422.9	5465.1	5479.2	5465.1	5422.9	5353.2	5256.7	5134.4	4987.5	4847.8
-40°	4888.5	4940.6	4972.1	4982.6	4972.1	4940.6	4888.5	4816.3	4724.6	4614.2	4491.5
-42.5°	4496.3	4541.3	4568.4	4577.5	4568.4	4541.3	4496.3	4433.9	4354.6	4258.9	4077.5
-45°	4014.7	4115.4	4176.0	4196.3	4176.0	4115.4	4014.7	3874.9	3696.9	3482.0	3224.0
-47.5°	3064.4	3176.4	3243.9	3266.4	3243.9	3176.4	3064.4	2908.7	2710.2	2470.2	2190.0
-50°	2108.0	2124.7	2134.8	2138.2	2134.8	2124.7	2108.0	2084.6	2054.9	2018.8	1976.7
-52.5°	1920.6	1939.0	1950.2	1953.9	1950.2	1939.0	1920.6	1894.8	1861.9	1822.0	1775.4
-55°	1695.1	1715.4	1727.6	1731.7	1727.6	1715.4	1695.1	1666.8	1630.6	1586.7	1535.3
-57.5°	1432.5	1450.2	1460.8	1464.4	1460.8	1450.2	1432.5	1407.8	1376.2	1337.9	1293.0
-60°	1185.0	1198.0	1205.8	1208.4	1205.8	1198.0	1185.0	1166.9	1143.8	1115.7	1082.7
-62.5°	979.9	992.0	999.2	1001.6	999.2	992.0	979.9	963.2	941.7	915.6	885.0
-65°	770.2	780.7	787.1	789.2	787.1	780.7	770.2	755.5	736.6	713.7	686.7
-67.5°	567.6	575.1	579.5	581.0	579.5	575.1	567.6	557.3	544.0	527.9	509.0
-70°	404.4	411.0	415.1	416.4	415.1	411.0	404.4	395.0	383.1	368.5	351.4
-72.5°	239.3	243.9	246.7	247.6	246.7	243.9	239.3	232.9	224.7	214.7	203.0
-75°	110.4	112.3	113.5	113.9	113.5	112.3	110.4	107.6	104.1	99.8	94.7
-77.5°	45.5	46.0	46.3	46.4	46.3	46.0	45.5	44.9	44.0	43.0	41.8
-80°	26.4	26.5	26.7	26.7	26.7	26.5	26.4	26.1	25.8	25.4	24.9
-82.5°	16.7	16.8	16.9	16.9	16.9	16.8	16.7	16.6	16.4	16.2	15.9
-85°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.4
-87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
-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°	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0
85°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	7.8	7.6	7.3
82.5°	15.6	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.9	11.3	10.6
80°	24.3	23.7	23.0	22.2	21.4	20.5	19.6	18.5	17.5	16.5	15.6
77.5°	40.4	38.8	37.0	35.1	33.0	30.8	28.4	26.3	24.9	23.5	22.0
75°	89.0	82.4	75.2	67.2	58.6	49.3	44.4	41.3	38.0	34.6	31.0
72.5°	189.5	174.3	157.5	139.0	119.0	105.6	93.9	81.6	68.5	54.7	44.6
70°	331.8	309.7	285.3	258.4	233.1	208.3	181.8	153.7	124.0	103.3	86.8
67.5°	487.2	462.8	435.7	405.8	372.8	337.4	299.5	259.4	223.4	188.1	151.3
65°	655.9	621.2	582.7	549.1	513.1	474.4	433.1	388.7	341.4	291.8	241.6
62.5°	850.0	810.6	767.5	720.8	670.2	615.9	562.9	514.5	463.5	409.9	352.7
60°	1045.0	1002.6	954.6	902.0	845.2	784.3	720.8	653.5	582.7	523.8	462.8
57.5°	1241.6	1188.7	1137.3	1081.3	1020.7	954.6	883.7	808.8	731.3	650.7	569.8
55°	1476.7	1413.2	1343.7	1268.0	1190.5	1119.9	1045.0	964.9	879.7	790.6	699.9
52.5°	1720.3	1648.7	1569.8	1483.9	1394.4	1299.8	1201.1	1115.7	1026.2	930.9	831.4
50°	1923.6	1858.9	1787.8	1706.2	1606.2	1499.5	1389.9	1276.1	1166.9	1066.8	962.0
47.5°	2094.6	2036.5	1972.7	1893.2	1803.6	1703.4	1582.2	1455.2	1327.9	1198.0	1087.3
45°	2878.8	2494.5	2127.6	2053.0	1973.2	1874.8	1766.9	1638.0	1496.2	1354.0	1208.4
42.5°	3769.8	3427.8	3008.4	2518.1	2114.6	2023.8	1923.0	1802.6	1666.2	1510.1	1354.0
40°	4355.2	4204.0	3812.9	3379.4	2842.5	2249.4	2054.6	1947.4	1814.5	1666.2	1496.2
37.5°	4691.4	4521.9	4344.8	4094.3	3600.5	3040.0	2378.4	2065.0	1947.4	1802.6	1638.0
35°	5048.5	4850.2	4648.2	4440.5	4224.8	3712.3	3106.2	2378.4	2054.6	1923.0	1766.9
32.5°	5463.8	5218.3	4958.5	4727.5	4489.0	4248.4	3712.3	3040.0	2249.4	2023.8	1874.8
30°	5998.8	5648.1	5322.3	5020.4	4754.2	4489.0	4224.8	3600.5	2842.5	2114.6	1973.2
27.5°	6826.6	6154.9	5744.3	5357.3	5020.4	4727.5	4440.5	4094.3	3379.4	2518.1	2053.0
25°	7970.3	7013.1	6244.6	5744.3	5322.3	4958.5	4648.2	4344.8	3812.9	3008.4	2127.6
22.5°	9668.2	8123.6	7013.1	6154.9	5648.1	5218.3	4850.2	4521.9	4204.0	3427.8	2494.5
20°	13369.0	9668.2	7970.3	6826.6	5998.8	5463.8	5048.5	4691.4	4355.2	3769.8	2878.8
17.5°	20115.4	12883.3	9012.4	7516.8	6460.9	5755.8	5255.6	4847.8	4491.5	4077.5	3224.0
15°	28155.5	17722.9	11451.4	8386.2	6973.5	6021.1	5439.8	4987.5	4614.2	4258.9	3482.0
12.5°	38960.3	23833.0	13832.5	9148.8	7480.5	6339.7	5638.8	5134.4	4724.6	4354.6	3696.9
10°	48934.5	30513.0	17810.2	10982.6	8068.3	6683.8	5815.8	5256.7	4816.3	4433.9	3874.9
7.5°	59218.5	37323.9	21617.2	12453.2	8536.1	6956.8	5955.8	5353.2	4888.5	4496.3	4014.7
5°	66858.9	42345.1	24407.6	13526.3	8876.2	7154.8	6057.1	5422.9	4940.6	4541.3	4115.4
2.5°	71573.5	45425.6	26112.2	14179.8	9082.9	7274.8	6118.5	5465.1	4972.1	4568.4	4176.0
0°	73168.2	46464.3	26685.7	14399.3	9152.2	7315.0	6139.0	5479.2	4982.6	4577.5	4196.3
-2.5°	71573.5	45425.6	26112.2	14179.8	9082.9	7274.8	6118.5	5465.1	4972.1	4568.4	4176.0
-5°	66858.9	42345.1	24407.6	13526.3	8876.2	7154.8	6057.1	5422.9	4940.6	4541.3	4115.4
-7.5°	59218.5	37323.9	21617.2	12453.2	8536.1	6956.8	5955.8	5353.2	4888.5	4496.3	4014.7
-10°	48934.5	30513.0	17810.2	10982.6	8068.3	6683.8	5815.8	5256.7	4816.3	4433.9	3874.9
-12.5°	38960.3	23833.0	13832.5	9148.8	7480.5	6339.7	5638.8	5134.4	4724.6	4354.6	3696.9
-15°	28155.5	17722.9	11451.4	8386.2	6973.5	6021.1	5439.8	4987.5	4614.2	4258.9	3482.0
-17.5°	20115.4	12883.3	9012.4	7516.8	6460.9	5755.8	5255.6	4847.8	4491.5	4077.5	3224.0
-20°	13369.0	9668.2	7970.3	6826.6	5998.8	5463.8	5048.5	4691.4	4355.2	3769.8	2878.8



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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°	9668.2	8123.6	7013.1	6154.9	5648.1	5218.3	4850.2	4521.9	4204.0	3427.8	2494.5
-25°	7970.3	7013.1	6244.6	5744.3	5322.3	4958.5	4648.2	4344.8	3812.9	3008.4	2127.6
-27.5°	6826.6	6154.9	5744.3	5357.3	5020.4	4727.5	4440.5	4094.3	3379.4	2518.1	2053.0
-30°	5998.8	5648.1	5322.3	5020.4	4754.2	4489.0	4224.8	3600.5	2842.5	2114.6	1973.2
-32.5°	5463.8	5218.3	4958.5	4727.5	4489.0	4248.4	3712.3	3040.0	2249.4	2023.8	1874.8
-35°	5048.5	4850.2	4648.2	4440.5	4224.8	3712.3	3106.2	2378.4	2054.6	1923.0	1766.9
-37.5°	4691.4	4521.9	4344.8	4094.3	3600.5	3040.0	2378.4	2065.0	1947.4	1802.6	1638.0
-40°	4355.2	4204.0	3812.9	3379.4	2842.5	2249.4	2054.6	1947.4	1814.5	1666.2	1496.2
-42.5°	3769.8	3427.8	3008.4	2518.1	2114.6	2023.8	1923.0	1802.6	1666.2	1510.1	1354.0
-45°	2878.8	2494.5	2127.6	2053.0	1973.2	1874.8	1766.9	1638.0	1496.2	1354.0	1208.4
-47.5°	2094.6	2036.5	1972.7	1893.2	1803.6	1703.4	1582.2	1455.2	1327.9	1198.0	1087.3
-50°	1923.6	1858.9	1787.8	1706.2	1606.2	1499.5	1389.9	1276.1	1166.9	1066.8	962.0
-52.5°	1720.3	1648.7	1569.8	1483.9	1394.4	1299.8	1201.1	1115.7	1026.2	930.9	831.4
-55°	1476.7	1413.2	1343.7	1268.0	1190.5	1119.9	1045.0	964.9	879.7	790.6	699.9
-57.5°	1241.6	1188.7	1137.3	1081.3	1020.7	954.6	883.7	808.8	731.3	650.7	569.8
-60°	1045.0	1002.6	954.6	902.0	845.2	784.3	720.8	653.5	582.7	523.8	462.8
-62.5°	850.0	810.6	767.5	720.8	670.2	615.9	562.9	514.5	463.5	409.9	352.7
-65°	655.9	621.2	582.7	549.1	513.1	474.4	433.1	388.7	341.4	291.8	241.6
-67.5°	487.2	462.8	435.7	405.8	372.8	337.4	299.5	259.4	223.4	188.1	151.3
-70°	331.8	309.7	285.3	258.4	233.1	208.3	181.8	153.7	124.0	103.3	86.8
-72.5°	189.5	174.3	157.5	139.0	119.0	105.6	93.9	81.6	68.5	54.7	44.6
-75°	89.0	82.4	75.2	67.2	58.6	49.3	44.4	41.3	38.0	34.6	31.0
-77.5°	40.4	38.8	37.0	35.1	33.0	30.8	28.4	26.3	24.9	23.5	22.0
-80°	24.3	23.7	23.0	22.2	21.4	20.5	19.6	18.5	17.5	16.5	15.6
-82.5°	15.6	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.9	11.3	10.6
-85°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	7.8	7.6	7.3
-87.5°	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0
-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: P1305925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-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°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
85°	7.1	6.8	6.5	6.2	5.9	5.6	5.2	4.7	4.3	3.8	3.4
82.5°	10.0	9.5	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.0
80°	14.7	13.8	12.8	11.8	10.8	9.8	9.1	8.5	7.8	7.1	6.4
77.5°	20.5	18.8	17.2	15.9	14.6	13.2	11.9	10.5	9.4	8.5	7.7
75°	27.3	25.0	23.0	21.0	18.8	16.7	15.1	13.4	11.7	10.0	8.9
72.5°	40.3	35.7	31.0	26.4	23.9	21.4	18.8	16.3	14.4	12.4	10.3
70°	69.6	51.8	42.6	37.0	31.3	26.1	23.1	20.1	17.0	14.7	12.4
67.5°	113.4	93.4	72.6	51.2	41.4	34.8	28.1	24.0	20.5	17.0	14.4
65°	198.9	154.7	111.4	87.7	63.3	44.0	36.6	29.0	24.0	20.1	16.3
62.5°	293.3	235.1	184.8	133.0	96.8	69.3	44.9	36.6	28.1	23.1	18.8
60°	399.0	331.8	262.5	203.0	145.1	99.8	69.3	44.0	34.8	26.1	21.4
57.5°	501.0	429.9	355.1	278.0	209.1	145.1	96.8	63.3	41.4	31.3	23.9
55°	605.9	524.0	445.1	362.9	278.0	203.0	133.0	87.7	51.2	37.0	26.4
52.5°	729.6	625.6	531.8	445.1	355.1	262.5	184.8	111.4	72.6	42.6	31.0
50°	851.9	739.6	625.6	524.0	429.9	331.8	235.1	154.7	93.4	51.8	35.7
47.5°	972.4	851.9	729.6	605.9	501.0	399.0	293.3	198.9	113.4	69.6	40.3
45°	1087.3	962.0	831.4	699.9	569.8	462.8	352.7	241.6	151.3	86.8	44.6
42.5°	1198.0	1066.8	930.9	790.6	650.7	523.8	409.9	291.8	188.1	103.3	54.7
40°	1327.9	1166.9	1026.2	879.7	731.3	582.7	463.5	341.4	223.4	124.0	68.5
37.5°	1455.2	1276.1	1115.7	964.9	808.8	653.5	514.5	388.7	259.4	153.7	81.6
35°	1582.2	1389.9	1201.1	1045.0	883.7	720.8	562.9	433.1	299.5	181.8	93.9
32.5°	1703.4	1499.5	1299.8	1119.9	954.6	784.3	615.9	474.4	337.4	208.3	105.6
30°	1803.6	1606.2	1394.4	1190.5	1020.7	845.2	670.2	513.1	372.8	233.1	119.0
27.5°	1893.2	1706.2	1483.9	1268.0	1081.3	902.0	720.8	549.1	405.8	258.4	139.0
25°	1972.7	1787.8	1569.8	1343.7	1137.3	954.6	767.5	582.7	435.7	285.3	157.5
22.5°	2036.5	1858.9	1648.7	1413.2	1188.7	1002.6	810.6	621.2	462.8	309.7	174.3
20°	2094.6	1923.6	1720.3	1476.7	1241.6	1045.0	850.0	655.9	487.2	331.8	189.5
17.5°	2190.0	1976.7	1775.4	1535.3	1293.0	1082.7	885.0	686.7	509.0	351.4	203.0
15°	2470.2	2018.8	1822.0	1586.7	1337.9	1115.7	915.6	713.7	527.9	368.5	214.7
12.5°	2710.2	2054.9	1861.9	1630.6	1376.2	1143.8	941.7	736.6	544.0	383.1	224.7
10°	2908.7	2084.6	1894.8	1666.8	1407.8	1166.9	963.2	755.5	557.3	395.0	232.9
7.5°	3064.4	2108.0	1920.6	1695.1	1432.5	1185.0	979.9	770.2	567.6	404.4	239.3
5°	3176.4	2124.7	1939.0	1715.4	1450.2	1198.0	992.0	780.7	575.1	411.0	243.9
2.5°	3243.9	2134.8	1950.2	1727.6	1460.8	1205.8	999.2	787.1	579.5	415.1	246.7
0°	3266.4	2138.2	1953.9	1731.7	1464.4	1208.4	1001.6	789.2	581.0	416.4	247.6
-2.5°	3243.9	2134.8	1950.2	1727.6	1460.8	1205.8	999.2	787.1	579.5	415.1	246.7
-5°	3176.4	2124.7	1939.0	1715.4	1450.2	1198.0	992.0	780.7	575.1	411.0	243.9
-7.5°	3064.4	2108.0	1920.6	1695.1	1432.5	1185.0	979.9	770.2	567.6	404.4	239.3
-10°	2908.7	2084.6	1894.8	1666.8	1407.8	1166.9	963.2	755.5	557.3	395.0	232.9
-12.5°	2710.2	2054.9	1861.9	1630.6	1376.2	1143.8	941.7	736.6	544.0	383.1	224.7
-15°	2470.2	2018.8	1822.0	1586.7	1337.9	1115.7	915.6	713.7	527.9	368.5	214.7
-17.5°	2190.0	1976.7	1775.4	1535.3	1293.0	1082.7	885.0	686.7	509.0	351.4	203.0
-20°	2094.6	1923.6	1720.3	1476.7	1241.6	1045.0	850.0	655.9	487.2	331.8	189.5



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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°	2036.5	1858.9	1648.7	1413.2	1188.7	1002.6	810.6	621.2	462.8	309.7	174.3
-25°	1972.7	1787.8	1569.8	1343.7	1137.3	954.6	767.5	582.7	435.7	285.3	157.5
-27.5°	1893.2	1706.2	1483.9	1268.0	1081.3	902.0	720.8	549.1	405.8	258.4	139.0
-30°	1803.6	1606.2	1394.4	1190.5	1020.7	845.2	670.2	513.1	372.8	233.1	119.0
-32.5°	1703.4	1499.5	1299.8	1119.9	954.6	784.3	615.9	474.4	337.4	208.3	105.6
-35°	1582.2	1389.9	1201.1	1045.0	883.7	720.8	562.9	433.1	299.5	181.8	93.9
-37.5°	1455.2	1276.1	1115.7	964.9	808.8	653.5	514.5	388.7	259.4	153.7	81.6
-40°	1327.9	1166.9	1026.2	879.7	731.3	582.7	463.5	341.4	223.4	124.0	68.5
-42.5°	1198.0	1066.8	930.9	790.6	650.7	523.8	409.9	291.8	188.1	103.3	54.7
-45°	1087.3	962.0	831.4	699.9	569.8	462.8	352.7	241.6	151.3	86.8	44.6
-47.5°	972.4	851.9	729.6	605.9	501.0	399.0	293.3	198.9	113.4	69.6	40.3
-50°	851.9	739.6	625.6	524.0	429.9	331.8	235.1	154.7	93.4	51.8	35.7
-52.5°	729.6	625.6	531.8	445.1	355.1	262.5	184.8	111.4	72.6	42.6	31.0
-55°	605.9	524.0	445.1	362.9	278.0	203.0	133.0	87.7	51.2	37.0	26.4
-57.5°	501.0	429.9	355.1	278.0	209.1	145.1	96.8	63.3	41.4	31.3	23.9
-60°	399.0	331.8	262.5	203.0	145.1	99.8	69.3	44.0	34.8	26.1	21.4
-62.5°	293.3	235.1	184.8	133.0	96.8	69.3	44.9	36.6	28.1	23.1	18.8
-65°	198.9	154.7	111.4	87.7	63.3	44.0	36.6	29.0	24.0	20.1	16.3
-67.5°	113.4	93.4	72.6	51.2	41.4	34.8	28.1	24.0	20.5	17.0	14.4
-70°	69.6	51.8	42.6	37.0	31.3	26.1	23.1	20.1	17.0	14.7	12.4
-72.5°	40.3	35.7	31.0	26.4	23.9	21.4	18.8	16.3	14.4	12.4	10.3
-75°	27.3	25.0	23.0	21.0	18.8	16.7	15.1	13.4	11.7	10.0	8.9
-77.5°	20.5	18.8	17.2	15.9	14.6	13.2	11.9	10.5	9.4	8.5	7.7
-80°	14.7	13.8	12.8	11.8	10.8	9.8	9.1	8.5	7.8	7.1	6.4
-82.5°	10.0	9.5	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.0
-85°	7.1	6.8	6.5	6.2	5.9	5.6	5.2	4.7	4.3	3.8	3.4
-87.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
80°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
77.5°	6.8	5.9	4.8	3.6	2.4	1.2	0.0
75°	7.9	6.8	5.7	4.3	2.9	1.4	0.0
72.5°	8.9	7.7	6.4	5.0	3.4	1.7	0.0
70°	10.0	8.5	7.1	5.7	3.8	1.9	0.0
67.5°	11.7	9.4	7.8	6.2	4.3	2.1	0.0
65°	13.4	10.5	8.5	6.7	4.7	2.4	0.0
62.5°	15.1	11.9	9.1	7.2	5.2	2.6	0.0
60°	16.7	13.2	9.8	7.7	5.6	2.8	0.0
57.5°	18.8	14.6	10.8	8.2	5.9	3.0	0.0
55°	21.0	15.9	11.8	8.6	6.2	3.2	0.0
52.5°	23.0	17.2	12.8	9.1	6.5	3.4	0.0
50°	25.0	18.8	13.8	9.5	6.8	3.6	0.0
47.5°	27.3	20.5	14.7	10.0	7.1	3.8	0.0
45°	31.0	22.0	15.6	10.6	7.3	4.0	0.0
42.5°	34.6	23.5	16.5	11.3	7.6	4.1	0.0
40°	38.0	24.9	17.5	11.9	7.8	4.3	0.0
37.5°	41.3	26.3	18.5	12.5	8.1	4.4	0.0
35°	44.4	28.4	19.6	13.0	8.3	4.6	0.0
32.5°	49.3	30.8	20.5	13.5	8.5	4.7	0.0
30°	58.6	33.0	21.4	14.0	8.7	4.8	0.0
27.5°	67.2	35.1	22.2	14.5	8.8	5.0	0.0
25°	75.2	37.0	23.0	14.9	9.0	5.1	0.0
22.5°	82.4	38.8	23.7	15.3	9.2	5.2	0.0
20°	89.0	40.4	24.3	15.6	9.3	5.3	0.0
17.5°	94.7	41.8	24.9	15.9	9.4	5.3	0.0
15°	99.8	43.0	25.4	16.2	9.5	5.4	0.0
12.5°	104.1	44.0	25.8	16.4	9.6	5.5	0.0
10°	107.6	44.9	26.1	16.6	9.7	5.5	0.0
7.5°	110.4	45.5	26.4	16.7	9.7	5.6	0.0
5°	112.3	46.0	26.5	16.8	9.8	5.6	0.0
2.5°	113.5	46.3	26.7	16.9	9.8	5.6	0.0
0°	113.9	46.4	26.7	16.9	9.8	5.6	0.0
-2.5°	113.5	46.3	26.7	16.9	9.8	5.6	0.0
-5°	112.3	46.0	26.5	16.8	9.8	5.6	0.0
-7.5°	110.4	45.5	26.4	16.7	9.7	5.6	0.0
-10°	107.6	44.9	26.1	16.6	9.7	5.5	0.0
-12.5°	104.1	44.0	25.8	16.4	9.6	5.5	0.0
-15°	99.8	43.0	25.4	16.2	9.5	5.4	0.0
-17.5°	94.7	41.8	24.9	15.9	9.4	5.3	0.0
-20°	89.0	40.4	24.3	15.6	9.3	5.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.4	38.8	23.7	15.3	9.2	5.2	0.0
-25°	75.2	37.0	23.0	14.9	9.0	5.1	0.0
-27.5°	67.2	35.1	22.2	14.5	8.8	5.0	0.0
-30°	58.6	33.0	21.4	14.0	8.7	4.8	0.0
-32.5°	49.3	30.8	20.5	13.5	8.5	4.7	0.0
-35°	44.4	28.4	19.6	13.0	8.3	4.6	0.0
-37.5°	41.3	26.3	18.5	12.5	8.1	4.4	0.0
-40°	38.0	24.9	17.5	11.9	7.8	4.3	0.0
-42.5°	34.6	23.5	16.5	11.3	7.6	4.1	0.0
-45°	31.0	22.0	15.6	10.6	7.3	4.0	0.0
-47.5°	27.3	20.5	14.7	10.0	7.1	3.8	0.0
-50°	25.0	18.8	13.8	9.5	6.8	3.6	0.0
-52.5°	23.0	17.2	12.8	9.1	6.5	3.4	0.0
-55°	21.0	15.9	11.8	8.6	6.2	3.2	0.0
-57.5°	18.8	14.6	10.8	8.2	5.9	3.0	0.0
-60°	16.7	13.2	9.8	7.7	5.6	2.8	0.0
-62.5°	15.1	11.9	9.1	7.2	5.2	2.6	0.0
-65°	13.4	10.5	8.5	6.7	4.7	2.4	0.0
-67.5°	11.7	9.4	7.8	6.2	4.3	2.1	0.0
-70°	10.0	8.5	7.1	5.7	3.8	1.9	0.0
-72.5°	8.9	7.7	6.4	5.0	3.4	1.7	0.0
-75°	7.9	6.8	5.7	4.3	2.9	1.4	0.0
-77.5°	6.8	5.9	4.8	3.6	2.4	1.2	0.0
-80°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)