

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: P1305918 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-2S-HEG-A**

Issue Date: 2/3/2026

Test Information

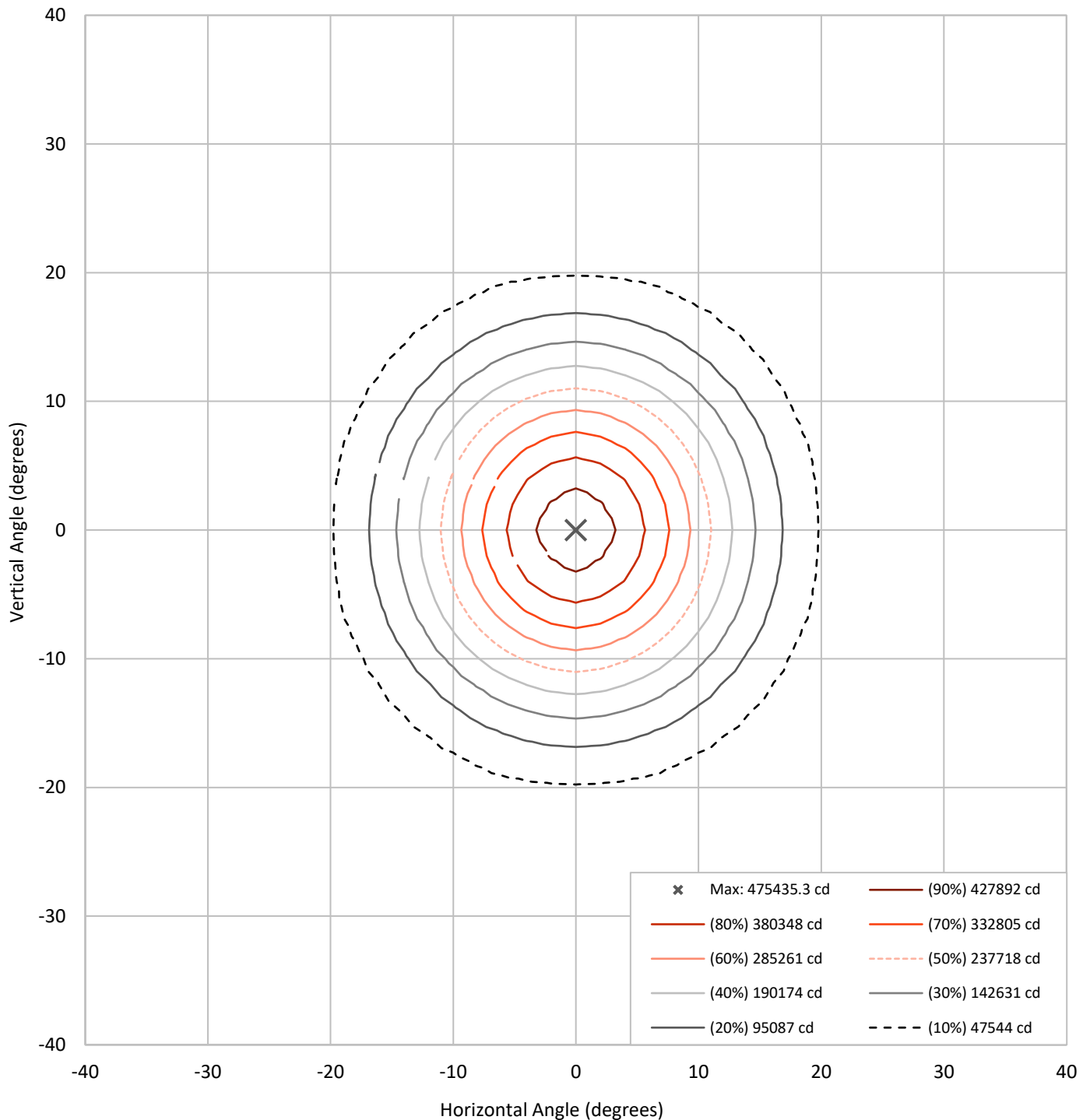
Test Method: LM-79-08
Report Number: P1305918 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-2S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	85640.9 lumens	Max Intensity:	475435.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.5 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:	37850.4 lumens	Field Lumens:	70297.3 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





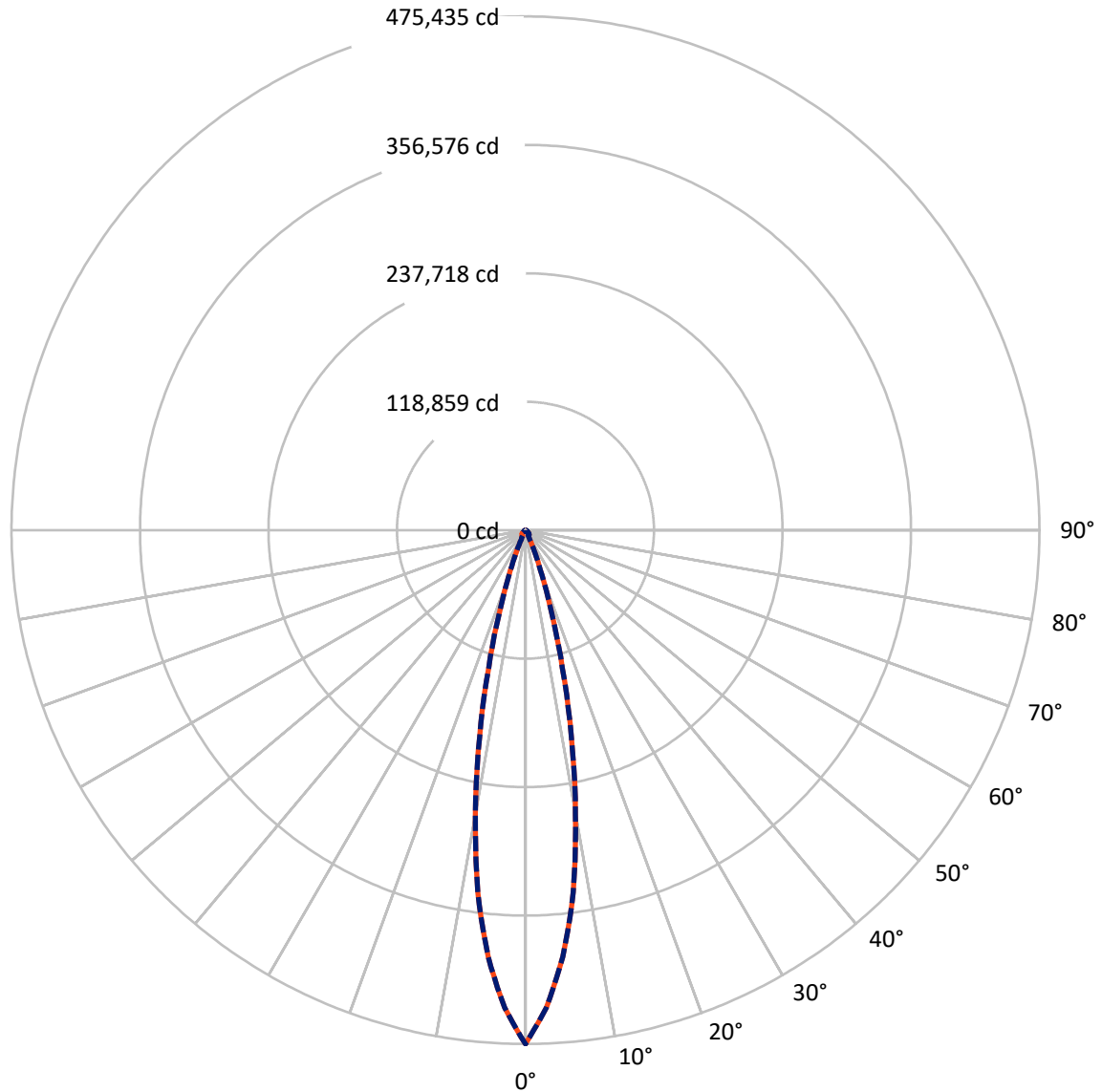
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Lumen Table

90	0.1	0.9		3.0		7.5		9.9		7.5		3.0		0.9		0.1			
80	0.1	0.9		3.0		7.5		9.9		7.5		3.0		0.9		0.1			
70	0.4	0.5	1.8	5.4	10.7	16.5	21.3	23.9	23.9	21.3	16.5	10.7	5.4	1.8	0.5	0.4			
60		1.3	6.3	15.2	26.3	36.6	43.6	47.2	47.2	43.6	36.6	26.3	15.2	6.3	1.3				
50	1.0	3.3	12.5	26.4	40.3	65.3	99.9	119.7	119.7	99.9	65.3	40.3	26.4	12.5	3.3	1.0			
40		5.7	18.6	34.8	77.0	132.1	154.8	162.8	162.8	154.8	132.1	77.0	34.8	18.6	5.7				
30	2.2	7.9	23.4	51.5	119.6	148.8	203.4	415.2	415.2	203.4	148.8	119.6	51.5	23.4	7.9	2.2			
20		9.6	26.1	74.2	131.4	191.5	1211.3	3589.2	3589.2	1211.3	191.5	131.4	74.2	26.1	9.6				
10	2.8	10.5	27.4	85.9	133.9	382.7	3498.0	9837.5	9837.5	3498.0	382.7	133.9	85.9	27.4	10.5	2.8			
0		10.5	27.4	85.9	133.9	382.7	3498.0	9837.5	9837.5	3498.0	382.7	133.9	85.9	27.4	10.5				
-10	2.2	9.6	26.1	74.2	131.4	191.5	1211.3	3589.2	3589.2	1211.3	191.5	131.4	74.2	26.1	9.6	2.2			
-20		7.9	23.4	51.5	119.6	148.8	203.4	415.2	415.2	203.4	148.8	119.6	51.5	23.4	7.9				
-30	1.0	5.7	18.6	34.8	77.0	132.1	154.8	162.8	162.8	154.8	132.1	77.0	34.8	18.6	5.7	1.0			
-40		3.3	12.5	26.4	40.3	65.3	99.9	119.7	119.7	99.9	65.3	40.3	26.4	12.5	3.3				
-50	0.4	1.3	6.3	15.2	26.3	36.6	43.6	47.2	47.2	43.6	36.6	26.3	15.2	6.3	1.3	0.4			
-60		0.5	1.8	5.4	10.7	16.5	21.3	23.9	23.9	21.3	16.5	10.7	5.4	1.8	0.5				
-70	0.1	0.9		3.0		7.5		9.9		7.5		3.0		0.9		0.1			
-80		0.9		3.0		7.5		9.9		7.5		3.0		0.9					
-90	0.1	0.9		3.0		7.5		9.9		7.5		3.0		0.9		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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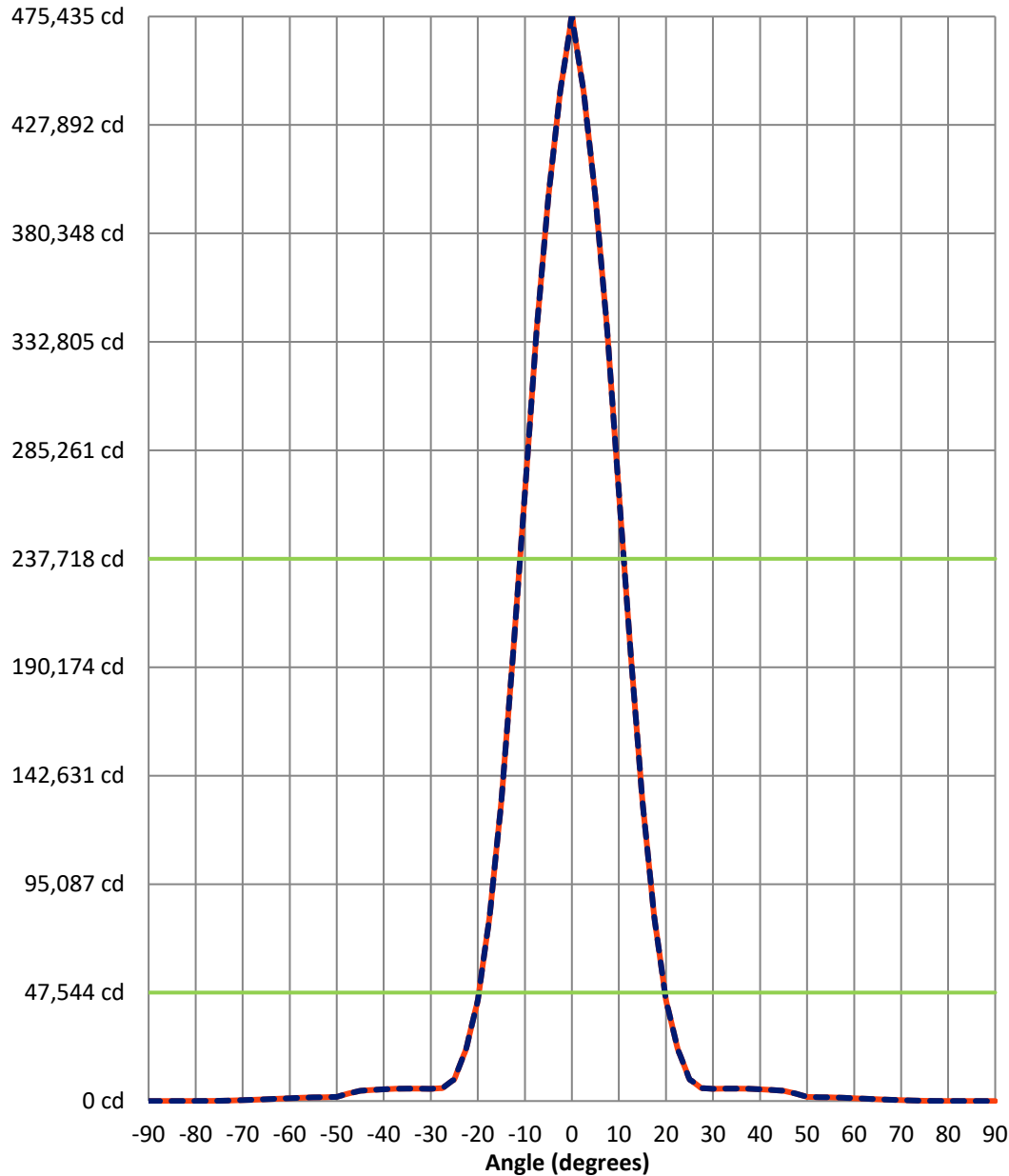
Luminous Intensity Polar Plot



— 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: 37850.4
 Efficiency: 44.2%

Field:
 H Angle: 39.6°
 V Angle: 39.6°
 Lumens: 70297.3
 Efficiency: 82.1%

Spill:
 Lumens: 15343.6
 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	1.5	1.9	2.3	2.7	3.0	3.4	3.8
85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.0	9.5	10.1
80°	0.0	1.5	3.1	4.6	6.2	7.7	9.0	9.8	10.5	11.2	11.9
77.5°	0.0	1.9	3.8	5.8	7.7	9.2	10.2	11.1	12.0	12.9	13.9
75°	0.0	2.3	4.6	6.9	9.0	10.2	11.3	12.4	13.5	14.9	16.3
72.5°	0.0	2.7	5.3	8.0	9.8	11.1	12.4	13.7	15.4	17.1	18.7
70°	0.0	3.0	6.1	9.0	10.5	12.0	13.5	15.4	17.4	19.3	22.6
67.5°	0.0	3.4	6.8	9.5	11.2	12.9	14.9	17.1	19.3	23.0	26.7
65°	0.0	3.8	7.5	10.1	11.9	13.9	16.3	18.7	22.6	26.7	31.6
62.5°	0.0	4.1	8.2	10.6	12.6	15.0	17.7	21.2	25.8	30.9	38.5
60°	0.0	4.4	8.9	11.1	13.3	16.2	19.0	24.0	29.0	36.9	45.2
57.5°	0.0	4.8	9.2	11.6	14.1	17.3	21.3	26.7	33.8	42.8	62.5
55°	0.0	5.1	9.5	12.1	15.0	18.3	23.5	29.3	38.9	51.7	84.4
52.5°	0.0	5.4	9.9	12.5	15.8	19.5	25.7	33.5	43.9	70.9	105.8
50°	0.0	5.7	10.2	13.0	16.6	21.3	27.8	37.7	52.2	89.5	148.1
47.5°	0.0	6.0	10.4	13.4	17.4	23.0	30.1	41.8	68.2	107.6	191.7
45°	0.0	6.3	10.7	14.0	18.1	24.6	33.5	45.7	83.6	144.8	233.7
42.5°	0.0	6.6	11.0	14.5	18.9	26.2	36.7	54.8	98.4	181.1	282.6
40°	0.0	6.8	11.2	15.0	19.8	27.7	39.8	67.2	117.9	215.7	330.9
37.5°	0.0	7.1	11.5	15.5	20.9	29.1	42.7	78.9	147.2	251.0	376.9
35°	0.0	7.3	11.7	16.0	22.0	31.1	45.5	90.0	174.9	290.1	421.4
32.5°	0.0	7.5	11.9	16.4	23.0	33.3	49.9	100.5	200.9	326.9	464.8
30°	0.0	7.7	12.1	16.8	24.0	35.3	58.3	113.0	225.4	361.4	505.5
27.5°	0.0	7.9	12.3	17.2	24.9	37.2	66.0	132.7	250.1	393.5	543.3
25°	0.0	8.1	12.5	17.5	25.7	38.9	73.2	150.9	276.2	424.1	578.6
22.5°	0.0	8.2	12.6	17.8	26.4	40.5	79.7	167.5	300.0	452.6	618.2
20°	0.0	8.4	12.8	18.1	27.1	41.9	85.6	182.4	321.5	478.3	653.9
17.5°	0.0	8.5	12.9	18.4	27.7	43.1	90.8	195.7	340.6	501.1	685.7
15°	0.0	8.6	13.0	18.6	28.2	44.2	95.3	207.3	357.2	521.0	713.5
12.5°	0.0	8.7	13.1	18.8	28.6	45.2	99.2	217.1	371.4	537.9	737.1
10°	0.0	8.8	13.2	18.9	29.0	45.9	102.3	225.2	383.0	551.9	756.5
7.5°	0.0	8.8	13.2	19.0	29.2	46.5	104.8	231.5	392.1	562.8	771.7
5°	0.0	8.9	13.3	19.1	29.4	47.0	106.6	236.0	398.6	570.6	782.6
2.5°	0.0	8.9	13.3	19.2	29.6	47.2	107.6	238.7	402.5	575.2	789.1
0°	0.0	8.9	13.3	19.2	29.6	47.2	107.6	238.7	402.5	575.2	789.1
-2.5°	0.0	8.9	13.3	19.2	29.6	47.2	107.6	238.7	402.5	575.2	789.1
-5°	0.0	8.9	13.3	19.1	29.4	47.0	106.6	236.0	398.6	570.6	782.6
-7.5°	0.0	8.8	13.2	19.0	29.2	46.5	104.8	231.5	392.1	562.8	771.7
-10°	0.0	8.8	13.2	18.9	29.0	45.9	102.3	225.2	383.0	551.9	756.5
-12.5°	0.0	8.7	13.1	18.8	28.6	45.2	99.2	217.1	371.4	537.9	737.1
-15°	0.0	8.6	13.0	18.6	28.2	44.2	95.3	207.3	357.2	521.0	713.5
-17.5°	0.0	8.5	12.9	18.4	27.7	43.1	90.8	195.7	340.6	501.1	685.7
-20°	0.0	8.4	12.8	18.1	27.1	41.9	85.6	182.4	321.5	478.3	653.9



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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	8.2	12.6	17.8	26.4	40.5	79.7	167.5	300.0	452.6	618.2
-25°	0.0	8.1	12.5	17.5	25.7	38.9	73.2	150.9	276.2	424.1	578.6
-27.5°	0.0	7.9	12.3	17.2	24.9	37.2	66.0	132.7	250.1	393.5	543.3
-30°	0.0	7.7	12.1	16.8	24.0	35.3	58.3	113.0	225.4	361.4	505.5
-32.5°	0.0	7.5	11.9	16.4	23.0	33.3	49.9	100.5	200.9	326.9	464.8
-35°	0.0	7.3	11.7	16.0	22.0	31.1	45.5	90.0	174.9	290.1	421.4
-37.5°	0.0	7.1	11.5	15.5	20.9	29.1	42.7	78.9	147.2	251.0	376.9
-40°	0.0	6.8	11.2	15.0	19.8	27.7	39.8	67.2	117.9	215.7	330.9
-42.5°	0.0	6.6	11.0	14.5	18.9	26.2	36.7	54.8	98.4	181.1	282.6
-45°	0.0	6.3	10.7	14.0	18.1	24.6	33.5	45.7	83.6	144.8	233.7
-47.5°	0.0	6.0	10.4	13.4	17.4	23.0	30.1	41.8	68.2	107.6	191.7
-50°	0.0	5.7	10.2	13.0	16.6	21.3	27.8	37.7	52.2	89.5	148.1
-52.5°	0.0	5.4	9.9	12.5	15.8	19.5	25.7	33.5	43.9	70.9	105.8
-55°	0.0	5.1	9.5	12.1	15.0	18.3	23.5	29.3	38.9	51.7	84.4
-57.5°	0.0	4.8	9.2	11.6	14.1	17.3	21.3	26.7	33.8	42.8	62.5
-60°	0.0	4.4	8.9	11.1	13.3	16.2	19.0	24.0	29.0	36.9	45.2
-62.5°	0.0	4.1	8.2	10.6	12.6	15.0	17.7	21.2	25.8	30.9	38.5
-65°	0.0	3.8	7.5	10.1	11.9	13.9	16.3	18.7	22.6	26.7	31.6
-67.5°	0.0	3.4	6.8	9.5	11.2	12.9	14.9	17.1	19.3	23.0	26.7
-70°	0.0	3.0	6.1	9.0	10.5	12.0	13.5	15.4	17.4	19.3	22.6
-72.5°	0.0	2.7	5.3	8.0	9.8	11.1	12.4	13.7	15.4	17.1	18.7
-75°	0.0	2.3	4.6	6.9	9.0	10.2	11.3	12.4	13.5	14.9	16.3
-77.5°	0.0	1.9	3.8	5.8	7.7	9.2	10.2	11.1	12.0	12.9	13.9
-80°	0.0	1.5	3.1	4.6	6.2	7.7	9.0	9.8	10.5	11.2	11.9
-82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.0	9.5	10.1
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	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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 CATALOG NUMBER: EPH-08-530N-40-70-2S-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°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
85°	8.2	8.9	9.2	9.5	9.9	10.2	10.4	10.7	11.0	11.2	11.5
82.5°	10.6	11.1	11.6	12.1	12.5	13.0	13.4	14.0	14.5	15.0	15.5
80°	12.6	13.3	14.1	15.0	15.8	16.6	17.4	18.1	18.9	19.8	20.9
77.5°	15.0	16.2	17.3	18.3	19.5	21.3	23.0	24.6	26.2	27.7	29.1
75°	17.7	19.0	21.3	23.5	25.7	27.8	30.1	33.5	36.7	39.8	42.7
72.5°	21.2	24.0	26.7	29.3	33.5	37.7	41.8	45.7	54.8	67.2	78.9
70°	25.8	29.0	33.8	38.9	43.9	52.2	68.2	83.6	98.4	117.9	147.2
67.5°	30.9	36.9	42.8	51.7	70.9	89.5	107.6	144.8	181.1	215.7	251.0
65°	38.5	45.2	62.5	84.4	105.8	148.1	191.7	233.7	282.6	330.9	376.9
62.5°	46.0	67.9	92.6	126.8	177.8	227.3	284.1	341.9	397.5	453.3	506.9
60°	67.9	95.3	138.7	195.7	254.1	321.5	386.9	452.6	516.7	578.6	651.5
57.5°	92.6	138.7	201.7	269.1	344.2	417.9	492.7	565.0	648.6	731.7	811.9
55°	126.8	195.7	269.1	351.7	434.0	516.9	602.5	699.3	792.8	886.4	976.0
52.5°	177.8	254.1	344.2	434.0	525.0	622.8	729.9	835.7	940.3	1040.1	1132.9
50°	227.3	321.5	417.9	516.9	622.8	740.2	857.2	973.0	1082.2	1186.0	1290.0
47.5°	284.1	386.9	492.7	602.5	729.9	857.2	983.9	1103.5	1218.2	1336.7	1451.5
45°	341.9	452.6	565.0	699.3	835.7	973.0	1103.5	1229.0	1360.3	1479.0	1564.5
42.5°	397.5	516.7	648.6	792.8	940.3	1082.2	1218.2	1360.3	1487.4	1581.5	1636.1
40°	453.3	578.6	731.7	886.4	1040.1	1186.0	1336.7	1479.0	1581.5	1638.6	1666.9
37.5°	506.9	651.5	811.9	976.0	1132.9	1290.0	1451.5	1564.5	1636.1	1666.9	1774.4
35°	557.8	720.8	890.6	1059.6	1221.4	1392.6	1530.8	1628.5	1661.7	1764.5	2156.7
32.5°	612.8	786.3	965.1	1137.3	1311.4	1481.0	1603.9	1651.5	1735.1	1988.9	3017.0
30°	668.7	850.2	1034.4	1210.5	1396.7	1545.3	1636.3	1686.7	1821.8	2760.3	3739.7
27.5°	720.8	909.9	1097.2	1282.7	1471.5	1605.6	1655.4	1763.0	2338.3	3456.3	4372.7
25°	768.9	965.1	1155.3	1351.0	1523.3	1632.9	1686.3	1834.1	2976.0	4012.0	4641.8
22.5°	813.8	1015.7	1208.6	1413.6	1570.9	1648.1	1747.2	2307.6	3518.4	4510.7	4806.7
20°	855.2	1059.6	1259.0	1467.2	1614.1	1661.8	1802.7	2807.5	3956.7	4651.4	4942.1
17.5°	892.1	1098.7	1305.3	1502.6	1630.3	1690.1	1911.7	3256.3	4351.2	4778.4	5056.9
15°	924.2	1132.9	1345.8	1533.6	1640.2	1730.3	2276.0	3587.8	4561.8	4885.4	5158.2
12.5°	951.7	1162.0	1380.3	1560.0	1648.7	1764.7	2588.2	3863.4	4650.9	4966.4	5229.9
10°	974.2	1186.0	1408.8	1581.8	1655.7	1793.2	2846.3	4091.6	4724.8	5033.7	5289.6
7.5°	991.8	1204.8	1431.0	1598.9	1661.2	1815.4	3048.8	4270.8	4782.9	5086.7	5336.8
5°	1004.5	1218.2	1447.0	1611.2	1665.1	1831.4	3194.4	4399.7	4824.8	5125.0	5370.8
2.5°	1012.1	1226.3	1456.6	1618.5	1667.5	1841.1	3282.2	4477.5	4850.1	5148.1	5391.4
0°	1014.6	1229.0	1459.8	1621.0	1668.3	1844.3	3311.5	4503.5	4858.5	5155.8	5398.3
-2.5°	1012.1	1226.3	1456.6	1618.5	1667.5	1841.1	3282.2	4477.5	4850.1	5148.1	5391.4
-5°	1004.5	1218.2	1447.0	1611.2	1665.1	1831.4	3194.4	4399.7	4824.8	5125.0	5370.8
-7.5°	991.8	1204.8	1431.0	1598.9	1661.2	1815.4	3048.8	4270.8	4782.9	5086.7	5336.8
-10°	974.2	1186.0	1408.8	1581.8	1655.7	1793.2	2846.3	4091.6	4724.8	5033.7	5289.6
-12.5°	951.7	1162.0	1380.3	1560.0	1648.7	1764.7	2588.2	3863.4	4650.9	4966.4	5229.9
-15°	924.2	1132.9	1345.8	1533.6	1640.2	1730.3	2276.0	3587.8	4561.8	4885.4	5158.2
-17.5°	892.1	1098.7	1305.3	1502.6	1630.3	1690.1	1911.7	3256.3	4351.2	4778.4	5056.9
-20°	855.2	1059.6	1259.0	1467.2	1614.1	1661.8	1802.7	2807.5	3956.7	4651.4	4942.1



REPORT NUMBER: P1305918 (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°	813.8	1015.7	1208.6	1413.6	1570.9	1648.1	1747.2	2307.6	3518.4	4510.7	4806.7
-25°	768.9	965.1	1155.3	1351.0	1523.3	1632.9	1686.3	1834.1	2976.0	4012.0	4641.8
-27.5°	720.8	909.9	1097.2	1282.7	1471.5	1605.6	1655.4	1763.0	2338.3	3456.3	4372.7
-30°	668.7	850.2	1034.4	1210.5	1396.7	1545.3	1636.3	1686.7	1821.8	2760.3	3739.7
-32.5°	612.8	786.3	965.1	1137.3	1311.4	1481.0	1603.9	1651.5	1735.1	1988.9	3017.0
-35°	557.8	720.8	890.6	1059.6	1221.4	1392.6	1530.8	1628.5	1661.7	1764.5	2156.7
-37.5°	506.9	651.5	811.9	976.0	1132.9	1290.0	1451.5	1564.5	1636.1	1666.9	1774.4
-40°	453.3	578.6	731.7	886.4	1040.1	1186.0	1336.7	1479.0	1581.5	1638.6	1666.9
-42.5°	397.5	516.7	648.6	792.8	940.3	1082.2	1218.2	1360.3	1487.4	1581.5	1636.1
-45°	341.9	452.6	565.0	699.3	835.7	973.0	1103.5	1229.0	1360.3	1479.0	1564.5
-47.5°	284.1	386.9	492.7	602.5	729.9	857.2	983.9	1103.5	1218.2	1336.7	1451.5
-50°	227.3	321.5	417.9	516.9	622.8	740.2	857.2	973.0	1082.2	1186.0	1290.0
-52.5°	177.8	254.1	344.2	434.0	525.0	622.8	729.9	835.7	940.3	1040.1	1132.9
-55°	126.8	195.7	269.1	351.7	434.0	516.9	602.5	699.3	792.8	886.4	976.0
-57.5°	92.6	138.7	201.7	269.1	344.2	417.9	492.7	565.0	648.6	731.7	811.9
-60°	67.9	95.3	138.7	195.7	254.1	321.5	386.9	452.6	516.7	578.6	651.5
-62.5°	46.0	67.9	92.6	126.8	177.8	227.3	284.1	341.9	397.5	453.3	506.9
-65°	38.5	45.2	62.5	84.4	105.8	148.1	191.7	233.7	282.6	330.9	376.9
-67.5°	30.9	36.9	42.8	51.7	70.9	89.5	107.6	144.8	181.1	215.7	251.0
-70°	25.8	29.0	33.8	38.9	43.9	52.2	68.2	83.6	98.4	117.9	147.2
-72.5°	21.2	24.0	26.7	29.3	33.5	37.7	41.8	45.7	54.8	67.2	78.9
-75°	17.7	19.0	21.3	23.5	25.7	27.8	30.1	33.5	36.7	39.8	42.7
-77.5°	15.0	16.2	17.3	18.3	19.5	21.3	23.0	24.6	26.2	27.7	29.1
-80°	12.6	13.3	14.1	15.0	15.8	16.6	17.4	18.1	18.9	19.8	20.9
-82.5°	10.6	11.1	11.6	12.1	12.5	13.0	13.4	14.0	14.5	15.0	15.5
-85°	8.2	8.9	9.2	9.5	9.9	10.2	10.4	10.7	11.0	11.2	11.5
-87.5°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	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°	7.3	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.8
85°	11.7	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.1	13.2
82.5°	16.0	16.4	16.8	17.2	17.5	17.8	18.1	18.4	18.6	18.8	18.9
80°	22.0	23.0	24.0	24.9	25.7	26.4	27.1	27.7	28.2	28.6	29.0
77.5°	31.1	33.3	35.3	37.2	38.9	40.5	41.9	43.1	44.2	45.2	45.9
75°	45.5	49.9	58.3	66.0	73.2	79.7	85.6	90.8	95.3	99.2	102.3
72.5°	90.0	100.5	113.0	132.7	150.9	167.5	182.4	195.7	207.3	217.1	225.2
70°	174.9	200.9	225.4	250.1	276.2	300.0	321.5	340.6	357.2	371.4	383.0
67.5°	290.1	326.9	361.4	393.5	424.1	452.6	478.3	501.1	521.0	537.9	551.9
65°	421.4	464.8	505.5	543.3	578.6	618.2	653.9	685.7	713.5	737.1	756.5
62.5°	557.8	612.8	668.7	720.8	768.9	813.8	855.2	892.1	924.2	951.7	974.2
60°	720.8	786.3	850.2	909.9	965.1	1015.7	1059.6	1098.7	1132.9	1162.0	1186.0
57.5°	890.6	965.1	1034.4	1097.2	1155.3	1208.6	1259.0	1305.3	1345.8	1380.3	1408.8
55°	1059.6	1137.3	1210.5	1282.7	1351.0	1413.6	1467.2	1502.6	1533.6	1560.0	1581.8
52.5°	1221.4	1311.4	1396.7	1471.5	1523.3	1570.9	1614.1	1630.3	1640.2	1648.7	1655.7
50°	1392.6	1481.0	1545.3	1605.6	1632.9	1648.1	1661.8	1690.1	1730.3	1764.7	1793.2
47.5°	1530.8	1603.9	1636.3	1655.4	1686.3	1747.2	1802.7	1911.7	2276.0	2588.2	2846.3
45°	1628.5	1651.5	1686.7	1763.0	1834.1	2307.6	2807.5	3256.3	3587.8	3863.4	4091.6
42.5°	1661.7	1735.1	1821.8	2338.3	2976.0	3518.4	3956.7	4351.2	4561.8	4650.9	4724.8
40°	1764.5	1988.9	2760.3	3456.3	4012.0	4510.7	4651.4	4778.4	4885.4	4966.4	5033.7
37.5°	2156.7	3017.0	3739.7	4372.7	4641.8	4806.7	4942.1	5056.9	5158.2	5229.9	5289.6
35°	3103.2	3883.0	4530.0	4731.0	4910.4	5058.6	5188.0	5289.1	5379.1	5410.1	5423.2
32.5°	3883.0	4552.0	4776.1	4968.6	5138.1	5270.9	5390.8	5418.8	5438.4	5446.1	5444.4
30°	4530.0	4776.1	4988.2	5174.2	5321.7	5410.8	5436.7	5445.5	5442.9	5433.3	5405.4
27.5°	4731.0	4968.6	5174.2	5338.8	5417.9	5447.0	5443.7	5431.6	5390.4	5354.2	5475.2
25°	4910.4	5138.1	5321.7	5417.9	5446.6	5442.7	5410.1	5360.6	5506.3	5664.0	6783.0
22.5°	5058.6	5270.9	5410.8	5447.0	5442.7	5402.8	5388.2	5601.1	6755.3	8692.7	12155.8
20°	5188.0	5390.8	5436.7	5443.7	5410.1	5388.2	5633.3	7513.9	10579.8	17802.9	24807.9
17.5°	5289.1	5418.8	5445.5	5431.6	5360.6	5601.1	7513.9	11960.4	20730.7	32351.5	43648.4
15°	5379.1	5438.4	5442.9	5390.4	5506.3	6755.3	10579.8	20730.7	34938.9	52616.6	74137.2
12.5°	5410.1	5446.1	5433.3	5354.2	5664.0	8692.7	17802.9	32351.5	52616.6	79364.1	112117.4
10°	5423.2	5444.4	5405.4	5475.2	6783.0	12155.8	24807.9	43648.4	74137.2	112117.4	153119.4
7.5°	5433.6	5443.0	5383.2	5572.6	7990.1	16708.9	33086.8	59063.3	96464.0	142460.1	196884.1
5°	5441.0	5442.0	5367.1	5643.7	8874.9	20065.7	39237.6	70989.8	115448.2	170383.8	233852.8
2.5°	5445.6	5441.4	5357.3	5687.0	9415.4	22125.0	43032.9	78409.7	127401.2	189459.0	257957.5
0°	5447.1	5441.2	5354.0	5701.5	9597.2	22819.4	44316.7	80930.7	131490.2	196245.2	266410.2
-2.5°	5445.6	5441.4	5357.3	5687.0	9415.4	22125.0	43032.9	78409.7	127401.2	189459.0	257957.5
-5°	5441.0	5442.0	5367.1	5643.7	8874.9	20065.7	39237.6	70989.8	115448.2	170383.8	233852.8
-7.5°	5433.6	5443.0	5383.2	5572.6	7990.1	16708.9	33086.8	59063.3	96464.0	142460.1	196884.1
-10°	5423.2	5444.4	5405.4	5475.2	6783.0	12155.8	24807.9	43648.4	74137.2	112117.4	153119.4
-12.5°	5410.1	5446.1	5433.3	5354.2	5664.0	8692.7	17802.9	32351.5	52616.6	79364.1	112117.4
-15°	5379.1	5438.4	5442.9	5390.4	5506.3	6755.3	10579.8	20730.7	34938.9	52616.6	74137.2
-17.5°	5289.1	5418.8	5445.5	5431.6	5360.6	5601.1	7513.9	11960.4	20730.7	32351.5	43648.4
-20°	5188.0	5390.8	5436.7	5443.7	5410.1	5388.2	5633.3	7513.9	10579.8	17802.9	24807.9



REPORT NUMBER: P1305918 (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°	5058.6	5270.9	5410.8	5447.0	5442.7	5402.8	5388.2	5601.1	6755.3	8692.7	12155.8
-25°	4910.4	5138.1	5321.7	5417.9	5446.6	5442.7	5410.1	5360.6	5506.3	5664.0	6783.0
-27.5°	4731.0	4968.6	5174.2	5338.8	5417.9	5447.0	5443.7	5431.6	5390.4	5354.2	5475.2
-30°	4530.0	4776.1	4988.2	5174.2	5321.7	5410.8	5436.7	5445.5	5442.9	5433.3	5405.4
-32.5°	3883.0	4552.0	4776.1	4968.6	5138.1	5270.9	5390.8	5418.8	5438.4	5446.1	5444.4
-35°	3103.2	3883.0	4530.0	4731.0	4910.4	5058.6	5188.0	5289.1	5379.1	5410.1	5423.2
-37.5°	2156.7	3017.0	3739.7	4372.7	4641.8	4806.7	4942.1	5056.9	5158.2	5229.9	5289.6
-40°	1764.5	1988.9	2760.3	3456.3	4012.0	4510.7	4651.4	4778.4	4885.4	4966.4	5033.7
-42.5°	1661.7	1735.1	1821.8	2338.3	2976.0	3518.4	3956.7	4351.2	4561.8	4650.9	4724.8
-45°	1628.5	1651.5	1686.7	1763.0	1834.1	2307.6	2807.5	3256.3	3587.8	3863.4	4091.6
-47.5°	1530.8	1603.9	1636.3	1655.4	1686.3	1747.2	1802.7	1911.7	2276.0	2588.2	2846.3
-50°	1392.6	1481.0	1545.3	1605.6	1632.9	1648.1	1661.8	1690.1	1730.3	1764.7	1793.2
-52.5°	1221.4	1311.4	1396.7	1471.5	1523.3	1570.9	1614.1	1630.3	1640.2	1648.7	1655.7
-55°	1059.6	1137.3	1210.5	1282.7	1351.0	1413.6	1467.2	1502.6	1533.6	1560.0	1581.8
-57.5°	890.6	965.1	1034.4	1097.2	1155.3	1208.6	1259.0	1305.3	1345.8	1380.3	1408.8
-60°	720.8	786.3	850.2	909.9	965.1	1015.7	1059.6	1098.7	1132.9	1162.0	1186.0
-62.5°	557.8	612.8	668.7	720.8	768.9	813.8	855.2	892.1	924.2	951.7	974.2
-65°	421.4	464.8	505.5	543.3	578.6	618.2	653.9	685.7	713.5	737.1	756.5
-67.5°	290.1	326.9	361.4	393.5	424.1	452.6	478.3	501.1	521.0	537.9	551.9
-70°	174.9	200.9	225.4	250.1	276.2	300.0	321.5	340.6	357.2	371.4	383.0
-72.5°	90.0	100.5	113.0	132.7	150.9	167.5	182.4	195.7	207.3	217.1	225.2
-75°	45.5	49.9	58.3	66.0	73.2	79.7	85.6	90.8	95.3	99.2	102.3
-77.5°	31.1	33.3	35.3	37.2	38.9	40.5	41.9	43.1	44.2	45.2	45.9
-80°	22.0	23.0	24.0	24.9	25.7	26.4	27.1	27.7	28.2	28.6	29.0
-82.5°	16.0	16.4	16.8	17.2	17.5	17.8	18.1	18.4	18.6	18.8	18.9
-85°	11.7	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.1	13.2
-87.5°	7.3	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.8
-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: P1305918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-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°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5
85°	13.2	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.1	13.0	12.9
82.5°	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.8	18.6	18.4
80°	29.2	29.4	29.6	29.6	29.6	29.4	29.2	29.0	28.6	28.2	27.7
77.5°	46.5	47.0	47.2	47.3	47.2	47.0	46.5	45.9	45.2	44.2	43.1
75°	104.8	106.6	107.6	108.0	107.6	106.6	104.8	102.3	99.2	95.3	90.8
72.5°	231.5	236.0	238.7	239.6	238.7	236.0	231.5	225.2	217.1	207.3	195.7
70°	392.1	398.6	402.5	403.8	402.5	398.6	392.1	383.0	371.4	357.2	340.6
67.5°	562.8	570.6	575.2	576.8	575.2	570.6	562.8	551.9	537.9	521.0	501.1
65°	771.7	782.6	789.1	791.3	789.1	782.6	771.7	756.5	737.1	713.5	685.7
62.5°	991.8	1004.5	1012.1	1014.6	1012.1	1004.5	991.8	974.2	951.7	924.2	892.1
60°	1204.8	1218.2	1226.3	1229.0	1226.3	1218.2	1204.8	1186.0	1162.0	1132.9	1098.7
57.5°	1431.0	1447.0	1456.6	1459.8	1456.6	1447.0	1431.0	1408.8	1380.3	1345.8	1305.3
55°	1598.9	1611.2	1618.5	1621.0	1618.5	1611.2	1598.9	1581.8	1560.0	1533.6	1502.6
52.5°	1661.2	1665.1	1667.5	1668.3	1667.5	1665.1	1661.2	1655.7	1648.7	1640.2	1630.3
50°	1815.4	1831.4	1841.1	1844.3	1841.1	1831.4	1815.4	1793.2	1764.7	1730.3	1690.1
47.5°	3048.8	3194.4	3282.2	3311.5	3282.2	3194.4	3048.8	2846.3	2588.2	2276.0	1911.7
45°	4270.8	4399.7	4477.5	4503.5	4477.5	4399.7	4270.8	4091.6	3863.4	3587.8	3256.3
42.5°	4782.9	4824.8	4850.1	4858.5	4850.1	4824.8	4782.9	4724.8	4650.9	4561.8	4351.2
40°	5086.7	5125.0	5148.1	5155.8	5148.1	5125.0	5086.7	5033.7	4966.4	4885.4	4778.4
37.5°	5336.8	5370.8	5391.4	5398.3	5391.4	5370.8	5336.8	5289.6	5229.9	5158.2	5056.9
35°	5433.6	5441.0	5445.6	5447.1	5445.6	5441.0	5433.6	5423.2	5410.1	5379.1	5289.1
32.5°	5443.0	5442.0	5441.4	5441.2	5441.4	5442.0	5443.0	5444.4	5446.1	5438.4	5418.8
30°	5383.2	5367.1	5357.3	5354.0	5357.3	5367.1	5383.2	5405.4	5433.3	5442.9	5445.5
27.5°	5572.6	5643.7	5687.0	5701.5	5687.0	5643.7	5572.6	5475.2	5354.2	5390.4	5431.6
25°	7990.1	8874.9	9415.4	9597.2	9415.4	8874.9	7990.1	6783.0	5664.0	5506.3	5360.6
22.5°	16708.9	20065.7	22125.0	22819.4	22125.0	20065.7	16708.9	12155.8	8692.7	6755.3	5601.1
20°	33086.8	39237.6	43032.9	44316.7	43032.9	39237.6	33086.8	24807.9	17802.9	10579.8	7513.9
17.5°	59063.3	70989.8	78409.7	80930.7	78409.7	70989.8	59063.3	43648.4	32351.5	20730.7	11960.4
15°	96464.0	115448.2	127401.2	131490.2	127401.2	115448.2	96464.0	74137.2	52616.6	34938.9	20730.7
12.5°	142460.1	170383.8	189459.0	196245.2	189459.0	170383.8	142460.1	112117.4	79364.1	52616.6	32351.5
10°	196884.1	233852.8	257957.5	266410.2	257957.5	233852.8	196884.1	153119.4	112117.4	74137.2	43648.4
7.5°	250002.7	293892.8	326267.1	337984.1	326267.1	293892.8	250002.7	196884.1	142460.1	96464.0	59063.3
5°	293892.8	350572.1	385325.0	396310.5	385325.0	350572.1	293892.8	233852.8	170383.8	115448.2	70989.8
2.5°	326267.1	385325.0	422892.4	442371.7	422892.4	385325.0	326267.1	257957.5	189459.0	127401.2	78409.7
0°	337984.1	396310.5	442371.7	475435.3	442371.7	396310.5	337984.1	266410.2	196245.2	131490.2	80930.7
-2.5°	326267.1	385325.0	422892.4	442371.7	422892.4	385325.0	326267.1	257957.5	189459.0	127401.2	78409.7
-5°	293892.8	350572.1	385325.0	396310.5	385325.0	350572.1	293892.8	233852.8	170383.8	115448.2	70989.8
-7.5°	250002.7	293892.8	326267.1	337984.1	326267.1	293892.8	250002.7	196884.1	142460.1	96464.0	59063.3
-10°	196884.1	233852.8	257957.5	266410.2	257957.5	233852.8	196884.1	153119.4	112117.4	74137.2	43648.4
-12.5°	142460.1	170383.8	189459.0	196245.2	189459.0	170383.8	142460.1	112117.4	79364.1	52616.6	32351.5
-15°	96464.0	115448.2	127401.2	131490.2	127401.2	115448.2	96464.0	74137.2	52616.6	34938.9	20730.7
-17.5°	59063.3	70989.8	78409.7	80930.7	78409.7	70989.8	59063.3	43648.4	32351.5	20730.7	11960.4
-20°	33086.8	39237.6	43032.9	44316.7	43032.9	39237.6	33086.8	24807.9	17802.9	10579.8	7513.9



REPORT NUMBER: P1305918 (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°	16708.9	20065.7	22125.0	22819.4	22125.0	20065.7	16708.9	12155.8	8692.7	6755.3	5601.1
-25°	7990.1	8874.9	9415.4	9597.2	9415.4	8874.9	7990.1	6783.0	5664.0	5506.3	5360.6
-27.5°	5572.6	5643.7	5687.0	5701.5	5687.0	5643.7	5572.6	5475.2	5354.2	5390.4	5431.6
-30°	5383.2	5367.1	5357.3	5354.0	5357.3	5367.1	5383.2	5405.4	5433.3	5442.9	5445.5
-32.5°	5443.0	5442.0	5441.4	5441.2	5441.4	5442.0	5443.0	5444.4	5446.1	5438.4	5418.8
-35°	5433.6	5441.0	5445.6	5447.1	5445.6	5441.0	5433.6	5423.2	5410.1	5379.1	5289.1
-37.5°	5336.8	5370.8	5391.4	5398.3	5391.4	5370.8	5336.8	5289.6	5229.9	5158.2	5056.9
-40°	5086.7	5125.0	5148.1	5155.8	5148.1	5125.0	5086.7	5033.7	4966.4	4885.4	4778.4
-42.5°	4782.9	4824.8	4850.1	4858.5	4850.1	4824.8	4782.9	4724.8	4650.9	4561.8	4351.2
-45°	4270.8	4399.7	4477.5	4503.5	4477.5	4399.7	4270.8	4091.6	3863.4	3587.8	3256.3
-47.5°	3048.8	3194.4	3282.2	3311.5	3282.2	3194.4	3048.8	2846.3	2588.2	2276.0	1911.7
-50°	1815.4	1831.4	1841.1	1844.3	1841.1	1831.4	1815.4	1793.2	1764.7	1730.3	1690.1
-52.5°	1661.2	1665.1	1667.5	1668.3	1667.5	1665.1	1661.2	1655.7	1648.7	1640.2	1630.3
-55°	1598.9	1611.2	1618.5	1621.0	1618.5	1611.2	1598.9	1581.8	1560.0	1533.6	1502.6
-57.5°	1431.0	1447.0	1456.6	1459.8	1456.6	1447.0	1431.0	1408.8	1380.3	1345.8	1305.3
-60°	1204.8	1218.2	1226.3	1229.0	1226.3	1218.2	1204.8	1186.0	1162.0	1132.9	1098.7
-62.5°	991.8	1004.5	1012.1	1014.6	1012.1	1004.5	991.8	974.2	951.7	924.2	892.1
-65°	771.7	782.6	789.1	791.3	789.1	782.6	771.7	756.5	737.1	713.5	685.7
-67.5°	562.8	570.6	575.2	576.8	575.2	570.6	562.8	551.9	537.9	521.0	501.1
-70°	392.1	398.6	402.5	403.8	402.5	398.6	392.1	383.0	371.4	357.2	340.6
-72.5°	231.5	236.0	238.7	239.6	238.7	236.0	231.5	225.2	217.1	207.3	195.7
-75°	104.8	106.6	107.6	108.0	107.6	106.6	104.8	102.3	99.2	95.3	90.8
-77.5°	46.5	47.0	47.2	47.3	47.2	47.0	46.5	45.9	45.2	44.2	43.1
-80°	29.2	29.4	29.6	29.6	29.6	29.4	29.2	29.0	28.6	28.2	27.7
-82.5°	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.8	18.6	18.4
-85°	13.2	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.1	13.0	12.9
-87.5°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5
-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°	8.4	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3
85°	12.8	12.6	12.5	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.7
82.5°	18.1	17.8	17.5	17.2	16.8	16.4	16.0	15.5	15.0	14.5	14.0
80°	27.1	26.4	25.7	24.9	24.0	23.0	22.0	20.9	19.8	18.9	18.1
77.5°	41.9	40.5	38.9	37.2	35.3	33.3	31.1	29.1	27.7	26.2	24.6
75°	85.6	79.7	73.2	66.0	58.3	49.9	45.5	42.7	39.8	36.7	33.5
72.5°	182.4	167.5	150.9	132.7	113.0	100.5	90.0	78.9	67.2	54.8	45.7
70°	321.5	300.0	276.2	250.1	225.4	200.9	174.9	147.2	117.9	98.4	83.6
67.5°	478.3	452.6	424.1	393.5	361.4	326.9	290.1	251.0	215.7	181.1	144.8
65°	653.9	618.2	578.6	543.3	505.5	464.8	421.4	376.9	330.9	282.6	233.7
62.5°	855.2	813.8	768.9	720.8	668.7	612.8	557.8	506.9	453.3	397.5	341.9
60°	1059.6	1015.7	965.1	909.9	850.2	786.3	720.8	651.5	578.6	516.7	452.6
57.5°	1259.0	1208.6	1155.3	1097.2	1034.4	965.1	890.6	811.9	731.7	648.6	565.0
55°	1467.2	1413.6	1351.0	1282.7	1210.5	1137.3	1059.6	976.0	886.4	792.8	699.3
52.5°	1614.1	1570.9	1523.3	1471.5	1396.7	1311.4	1221.4	1132.9	1040.1	940.3	835.7
50°	1661.8	1648.1	1632.9	1605.6	1545.3	1481.0	1392.6	1290.0	1186.0	1082.2	973.0
47.5°	1802.7	1747.2	1686.3	1655.4	1636.3	1603.9	1530.8	1451.5	1336.7	1218.2	1103.5
45°	2807.5	2307.6	1834.1	1763.0	1686.7	1651.5	1628.5	1564.5	1479.0	1360.3	1229.0
42.5°	3956.7	3518.4	2976.0	2338.3	1821.8	1735.1	1661.7	1636.1	1581.5	1487.4	1360.3
40°	4651.4	4510.7	4012.0	3456.3	2760.3	1988.9	1764.5	1666.9	1638.6	1581.5	1479.0
37.5°	4942.1	4806.7	4641.8	4372.7	3739.7	3017.0	2156.7	1774.4	1666.9	1636.1	1564.5
35°	5188.0	5058.6	4910.4	4731.0	4530.0	3883.0	3103.2	2156.7	1764.5	1661.7	1628.5
32.5°	5390.8	5270.9	5138.1	4968.6	4776.1	4552.0	3883.0	3017.0	1988.9	1735.1	1651.5
30°	5436.7	5410.8	5321.7	5174.2	4988.2	4776.1	4530.0	3739.7	2760.3	1821.8	1686.7
27.5°	5443.7	5447.0	5417.9	5338.8	5174.2	4968.6	4731.0	4372.7	3456.3	2338.3	1763.0
25°	5410.1	5442.7	5446.6	5417.9	5321.7	5138.1	4910.4	4641.8	4012.0	2976.0	1834.1
22.5°	5388.2	5402.8	5442.7	5447.0	5410.8	5270.9	5058.6	4806.7	4510.7	3518.4	2307.6
20°	5633.3	5388.2	5410.1	5443.7	5436.7	5390.8	5188.0	4942.1	4651.4	3956.7	2807.5
17.5°	7513.9	5601.1	5360.6	5431.6	5445.5	5418.8	5289.1	5056.9	4778.4	4351.2	3256.3
15°	10579.8	6755.3	5506.3	5390.4	5442.9	5438.4	5379.1	5158.2	4885.4	4561.8	3587.8
12.5°	17802.9	8692.7	5664.0	5354.2	5433.3	5446.1	5410.1	5229.9	4966.4	4650.9	3863.4
10°	24807.9	12155.8	6783.0	5475.2	5405.4	5444.4	5423.2	5289.6	5033.7	4724.8	4091.6
7.5°	33086.8	16708.9	7990.1	5572.6	5383.2	5443.0	5433.6	5336.8	5086.7	4782.9	4270.8
5°	39237.6	20065.7	8874.9	5643.7	5367.1	5442.0	5441.0	5370.8	5125.0	4824.8	4399.7
2.5°	43032.9	22125.0	9415.4	5687.0	5357.3	5441.4	5445.6	5391.4	5148.1	4850.1	4477.5
0°	44316.7	22819.4	9597.2	5701.5	5354.0	5441.2	5447.1	5398.3	5155.8	4858.5	4503.5
-2.5°	43032.9	22125.0	9415.4	5687.0	5357.3	5441.4	5445.6	5391.4	5148.1	4850.1	4477.5
-5°	39237.6	20065.7	8874.9	5643.7	5367.1	5442.0	5441.0	5370.8	5125.0	4824.8	4399.7
-7.5°	33086.8	16708.9	7990.1	5572.6	5383.2	5443.0	5433.6	5336.8	5086.7	4782.9	4270.8
-10°	24807.9	12155.8	6783.0	5475.2	5405.4	5444.4	5423.2	5289.6	5033.7	4724.8	4091.6
-12.5°	17802.9	8692.7	5664.0	5354.2	5433.3	5446.1	5410.1	5229.9	4966.4	4650.9	3863.4
-15°	10579.8	6755.3	5506.3	5390.4	5442.9	5438.4	5379.1	5158.2	4885.4	4561.8	3587.8
-17.5°	7513.9	5601.1	5360.6	5431.6	5445.5	5418.8	5289.1	5056.9	4778.4	4351.2	3256.3
-20°	5633.3	5388.2	5410.1	5443.7	5436.7	5390.8	5188.0	4942.1	4651.4	3956.7	2807.5



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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°	5388.2	5402.8	5442.7	5447.0	5410.8	5270.9	5058.6	4806.7	4510.7	3518.4	2307.6
-25°	5410.1	5442.7	5446.6	5417.9	5321.7	5138.1	4910.4	4641.8	4012.0	2976.0	1834.1
-27.5°	5443.7	5447.0	5417.9	5338.8	5174.2	4968.6	4731.0	4372.7	3456.3	2338.3	1763.0
-30°	5436.7	5410.8	5321.7	5174.2	4988.2	4776.1	4530.0	3739.7	2760.3	1821.8	1686.7
-32.5°	5390.8	5270.9	5138.1	4968.6	4776.1	4552.0	3883.0	3017.0	1988.9	1735.1	1651.5
-35°	5188.0	5058.6	4910.4	4731.0	4530.0	3883.0	3103.2	2156.7	1764.5	1661.7	1628.5
-37.5°	4942.1	4806.7	4641.8	4372.7	3739.7	3017.0	2156.7	1774.4	1666.9	1636.1	1564.5
-40°	4651.4	4510.7	4012.0	3456.3	2760.3	1988.9	1764.5	1666.9	1638.6	1581.5	1479.0
-42.5°	3956.7	3518.4	2976.0	2338.3	1821.8	1735.1	1661.7	1636.1	1581.5	1487.4	1360.3
-45°	2807.5	2307.6	1834.1	1763.0	1686.7	1651.5	1628.5	1564.5	1479.0	1360.3	1229.0
-47.5°	1802.7	1747.2	1686.3	1655.4	1636.3	1603.9	1530.8	1451.5	1336.7	1218.2	1103.5
-50°	1661.8	1648.1	1632.9	1605.6	1545.3	1481.0	1392.6	1290.0	1186.0	1082.2	973.0
-52.5°	1614.1	1570.9	1523.3	1471.5	1396.7	1311.4	1221.4	1132.9	1040.1	940.3	835.7
-55°	1467.2	1413.6	1351.0	1282.7	1210.5	1137.3	1059.6	976.0	886.4	792.8	699.3
-57.5°	1259.0	1208.6	1155.3	1097.2	1034.4	965.1	890.6	811.9	731.7	648.6	565.0
-60°	1059.6	1015.7	965.1	909.9	850.2	786.3	720.8	651.5	578.6	516.7	452.6
-62.5°	855.2	813.8	768.9	720.8	668.7	612.8	557.8	506.9	453.3	397.5	341.9
-65°	653.9	618.2	578.6	543.3	505.5	464.8	421.4	376.9	330.9	282.6	233.7
-67.5°	478.3	452.6	424.1	393.5	361.4	326.9	290.1	251.0	215.7	181.1	144.8
-70°	321.5	300.0	276.2	250.1	225.4	200.9	174.9	147.2	117.9	98.4	83.6
-72.5°	182.4	167.5	150.9	132.7	113.0	100.5	90.0	78.9	67.2	54.8	45.7
-75°	85.6	79.7	73.2	66.0	58.3	49.9	45.5	42.7	39.8	36.7	33.5
-77.5°	41.9	40.5	38.9	37.2	35.3	33.3	31.1	29.1	27.7	26.2	24.6
-80°	27.1	26.4	25.7	24.9	24.0	23.0	22.0	20.9	19.8	18.9	18.1
-82.5°	18.1	17.8	17.5	17.2	16.8	16.4	16.0	15.5	15.0	14.5	14.0
-85°	12.8	12.6	12.5	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.7
-87.5°	8.4	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3
-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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 CATALOG NUMBER: EPH-08-530N-40-70-2S-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°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4	3.0	2.7
85°	10.4	10.2	9.9	9.5	9.2	8.9	8.2	7.5	6.8	6.1	5.3
82.5°	13.4	13.0	12.5	12.1	11.6	11.1	10.6	10.1	9.5	9.0	8.0
80°	17.4	16.6	15.8	15.0	14.1	13.3	12.6	11.9	11.2	10.5	9.8
77.5°	23.0	21.3	19.5	18.3	17.3	16.2	15.0	13.9	12.9	12.0	11.1
75°	30.1	27.8	25.7	23.5	21.3	19.0	17.7	16.3	14.9	13.5	12.4
72.5°	41.8	37.7	33.5	29.3	26.7	24.0	21.2	18.7	17.1	15.4	13.7
70°	68.2	52.2	43.9	38.9	33.8	29.0	25.8	22.6	19.3	17.4	15.4
67.5°	107.6	89.5	70.9	51.7	42.8	36.9	30.9	26.7	23.0	19.3	17.1
65°	191.7	148.1	105.8	84.4	62.5	45.2	38.5	31.6	26.7	22.6	18.7
62.5°	284.1	227.3	177.8	126.8	92.6	67.9	46.0	38.5	30.9	25.8	21.2
60°	386.9	321.5	254.1	195.7	138.7	95.3	67.9	45.2	36.9	29.0	24.0
57.5°	492.7	417.9	344.2	269.1	201.7	138.7	92.6	62.5	42.8	33.8	26.7
55°	602.5	516.9	434.0	351.7	269.1	195.7	126.8	84.4	51.7	38.9	29.3
52.5°	729.9	622.8	525.0	434.0	344.2	254.1	177.8	105.8	70.9	43.9	33.5
50°	857.2	740.2	622.8	516.9	417.9	321.5	227.3	148.1	89.5	52.2	37.7
47.5°	983.9	857.2	729.9	602.5	492.7	386.9	284.1	191.7	107.6	68.2	41.8
45°	1103.5	973.0	835.7	699.3	565.0	452.6	341.9	233.7	144.8	83.6	45.7
42.5°	1218.2	1082.2	940.3	792.8	648.6	516.7	397.5	282.6	181.1	98.4	54.8
40°	1336.7	1186.0	1040.1	886.4	731.7	578.6	453.3	330.9	215.7	117.9	67.2
37.5°	1451.5	1290.0	1132.9	976.0	811.9	651.5	506.9	376.9	251.0	147.2	78.9
35°	1530.8	1392.6	1221.4	1059.6	890.6	720.8	557.8	421.4	290.1	174.9	90.0
32.5°	1603.9	1481.0	1311.4	1137.3	965.1	786.3	612.8	464.8	326.9	200.9	100.5
30°	1636.3	1545.3	1396.7	1210.5	1034.4	850.2	668.7	505.5	361.4	225.4	113.0
27.5°	1655.4	1605.6	1471.5	1282.7	1097.2	909.9	720.8	543.3	393.5	250.1	132.7
25°	1686.3	1632.9	1523.3	1351.0	1155.3	965.1	768.9	578.6	424.1	276.2	150.9
22.5°	1747.2	1648.1	1570.9	1413.6	1208.6	1015.7	813.8	618.2	452.6	300.0	167.5
20°	1802.7	1661.8	1614.1	1467.2	1259.0	1059.6	855.2	653.9	478.3	321.5	182.4
17.5°	1911.7	1690.1	1630.3	1502.6	1305.3	1098.7	892.1	685.7	501.1	340.6	195.7
15°	2276.0	1730.3	1640.2	1533.6	1345.8	1132.9	924.2	713.5	521.0	357.2	207.3
12.5°	2588.2	1764.7	1648.7	1560.0	1380.3	1162.0	951.7	737.1	537.9	371.4	217.1
10°	2846.3	1793.2	1655.7	1581.8	1408.8	1186.0	974.2	756.5	551.9	383.0	225.2
7.5°	3048.8	1815.4	1661.2	1598.9	1431.0	1204.8	991.8	771.7	562.8	392.1	231.5
5°	3194.4	1831.4	1665.1	1611.2	1447.0	1218.2	1004.5	782.6	570.6	398.6	236.0
2.5°	3282.2	1841.1	1667.5	1618.5	1456.6	1226.3	1012.1	789.1	575.2	402.5	238.7
0°	3311.5	1844.3	1668.3	1621.0	1459.8	1229.0	1014.6	791.3	576.8	403.8	239.6
-2.5°	3282.2	1841.1	1667.5	1618.5	1456.6	1226.3	1012.1	789.1	575.2	402.5	238.7
-5°	3194.4	1831.4	1665.1	1611.2	1447.0	1218.2	1004.5	782.6	570.6	398.6	236.0
-7.5°	3048.8	1815.4	1661.2	1598.9	1431.0	1204.8	991.8	771.7	562.8	392.1	231.5
-10°	2846.3	1793.2	1655.7	1581.8	1408.8	1186.0	974.2	756.5	551.9	383.0	225.2
-12.5°	2588.2	1764.7	1648.7	1560.0	1380.3	1162.0	951.7	737.1	537.9	371.4	217.1
-15°	2276.0	1730.3	1640.2	1533.6	1345.8	1132.9	924.2	713.5	521.0	357.2	207.3
-17.5°	1911.7	1690.1	1630.3	1502.6	1305.3	1098.7	892.1	685.7	501.1	340.6	195.7
-20°	1802.7	1661.8	1614.1	1467.2	1259.0	1059.6	855.2	653.9	478.3	321.5	182.4



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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°	1747.2	1648.1	1570.9	1413.6	1208.6	1015.7	813.8	618.2	452.6	300.0	167.5
-25°	1686.3	1632.9	1523.3	1351.0	1155.3	965.1	768.9	578.6	424.1	276.2	150.9
-27.5°	1655.4	1605.6	1471.5	1282.7	1097.2	909.9	720.8	543.3	393.5	250.1	132.7
-30°	1636.3	1545.3	1396.7	1210.5	1034.4	850.2	668.7	505.5	361.4	225.4	113.0
-32.5°	1603.9	1481.0	1311.4	1137.3	965.1	786.3	612.8	464.8	326.9	200.9	100.5
-35°	1530.8	1392.6	1221.4	1059.6	890.6	720.8	557.8	421.4	290.1	174.9	90.0
-37.5°	1451.5	1290.0	1132.9	976.0	811.9	651.5	506.9	376.9	251.0	147.2	78.9
-40°	1336.7	1186.0	1040.1	886.4	731.7	578.6	453.3	330.9	215.7	117.9	67.2
-42.5°	1218.2	1082.2	940.3	792.8	648.6	516.7	397.5	282.6	181.1	98.4	54.8
-45°	1103.5	973.0	835.7	699.3	565.0	452.6	341.9	233.7	144.8	83.6	45.7
-47.5°	983.9	857.2	729.9	602.5	492.7	386.9	284.1	191.7	107.6	68.2	41.8
-50°	857.2	740.2	622.8	516.9	417.9	321.5	227.3	148.1	89.5	52.2	37.7
-52.5°	729.9	622.8	525.0	434.0	344.2	254.1	177.8	105.8	70.9	43.9	33.5
-55°	602.5	516.9	434.0	351.7	269.1	195.7	126.8	84.4	51.7	38.9	29.3
-57.5°	492.7	417.9	344.2	269.1	201.7	138.7	92.6	62.5	42.8	33.8	26.7
-60°	386.9	321.5	254.1	195.7	138.7	95.3	67.9	45.2	36.9	29.0	24.0
-62.5°	284.1	227.3	177.8	126.8	92.6	67.9	46.0	38.5	30.9	25.8	21.2
-65°	191.7	148.1	105.8	84.4	62.5	45.2	38.5	31.6	26.7	22.6	18.7
-67.5°	107.6	89.5	70.9	51.7	42.8	36.9	30.9	26.7	23.0	19.3	17.1
-70°	68.2	52.2	43.9	38.9	33.8	29.0	25.8	22.6	19.3	17.4	15.4
-72.5°	41.8	37.7	33.5	29.3	26.7	24.0	21.2	18.7	17.1	15.4	13.7
-75°	30.1	27.8	25.7	23.5	21.3	19.0	17.7	16.3	14.9	13.5	12.4
-77.5°	23.0	21.3	19.5	18.3	17.3	16.2	15.0	13.9	12.9	12.0	11.1
-80°	17.4	16.6	15.8	15.0	14.1	13.3	12.6	11.9	11.2	10.5	9.8
-82.5°	13.4	13.0	12.5	12.1	11.6	11.1	10.6	10.1	9.5	9.0	8.0
-85°	10.4	10.2	9.9	9.5	9.2	8.9	8.2	7.5	6.8	6.1	5.3
-87.5°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4	3.0	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	1.5	1.2	0.8	0.4	0.0
85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
80°	9.0	7.7	6.2	4.6	3.1	1.5	0.0
77.5°	10.2	9.2	7.7	5.8	3.8	1.9	0.0
75°	11.3	10.2	9.0	6.9	4.6	2.3	0.0
72.5°	12.4	11.1	9.8	8.0	5.3	2.7	0.0
70°	13.5	12.0	10.5	9.0	6.1	3.0	0.0
67.5°	14.9	12.9	11.2	9.5	6.8	3.4	0.0
65°	16.3	13.9	11.9	10.1	7.5	3.8	0.0
62.5°	17.7	15.0	12.6	10.6	8.2	4.1	0.0
60°	19.0	16.2	13.3	11.1	8.9	4.4	0.0
57.5°	21.3	17.3	14.1	11.6	9.2	4.8	0.0
55°	23.5	18.3	15.0	12.1	9.5	5.1	0.0
52.5°	25.7	19.5	15.8	12.5	9.9	5.4	0.0
50°	27.8	21.3	16.6	13.0	10.2	5.7	0.0
47.5°	30.1	23.0	17.4	13.4	10.4	6.0	0.0
45°	33.5	24.6	18.1	14.0	10.7	6.3	0.0
42.5°	36.7	26.2	18.9	14.5	11.0	6.6	0.0
40°	39.8	27.7	19.8	15.0	11.2	6.8	0.0
37.5°	42.7	29.1	20.9	15.5	11.5	7.1	0.0
35°	45.5	31.1	22.0	16.0	11.7	7.3	0.0
32.5°	49.9	33.3	23.0	16.4	11.9	7.5	0.0
30°	58.3	35.3	24.0	16.8	12.1	7.7	0.0
27.5°	66.0	37.2	24.9	17.2	12.3	7.9	0.0
25°	73.2	38.9	25.7	17.5	12.5	8.1	0.0
22.5°	79.7	40.5	26.4	17.8	12.6	8.2	0.0
20°	85.6	41.9	27.1	18.1	12.8	8.4	0.0
17.5°	90.8	43.1	27.7	18.4	12.9	8.5	0.0
15°	95.3	44.2	28.2	18.6	13.0	8.6	0.0
12.5°	99.2	45.2	28.6	18.8	13.1	8.7	0.0
10°	102.3	45.9	29.0	18.9	13.2	8.8	0.0
7.5°	104.8	46.5	29.2	19.0	13.2	8.8	0.0
5°	106.6	47.0	29.4	19.1	13.3	8.9	0.0
2.5°	107.6	47.2	29.6	19.2	13.3	8.9	0.0
0°	108.0	47.3	29.6	19.2	13.3	8.9	0.0
-2.5°	107.6	47.2	29.6	19.2	13.3	8.9	0.0
-5°	106.6	47.0	29.4	19.1	13.3	8.9	0.0
-7.5°	104.8	46.5	29.2	19.0	13.2	8.8	0.0
-10°	102.3	45.9	29.0	18.9	13.2	8.8	0.0
-12.5°	99.2	45.2	28.6	18.8	13.1	8.7	0.0
-15°	95.3	44.2	28.2	18.6	13.0	8.6	0.0
-17.5°	90.8	43.1	27.7	18.4	12.9	8.5	0.0
-20°	85.6	41.9	27.1	18.1	12.8	8.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	79.7	40.5	26.4	17.8	12.6	8.2	0.0
-25°	73.2	38.9	25.7	17.5	12.5	8.1	0.0
-27.5°	66.0	37.2	24.9	17.2	12.3	7.9	0.0
-30°	58.3	35.3	24.0	16.8	12.1	7.7	0.0
-32.5°	49.9	33.3	23.0	16.4	11.9	7.5	0.0
-35°	45.5	31.1	22.0	16.0	11.7	7.3	0.0
-37.5°	42.7	29.1	20.9	15.5	11.5	7.1	0.0
-40°	39.8	27.7	19.8	15.0	11.2	6.8	0.0
-42.5°	36.7	26.2	18.9	14.5	11.0	6.6	0.0
-45°	33.5	24.6	18.1	14.0	10.7	6.3	0.0
-47.5°	30.1	23.0	17.4	13.4	10.4	6.0	0.0
-50°	27.8	21.3	16.6	13.0	10.2	5.7	0.0
-52.5°	25.7	19.5	15.8	12.5	9.9	5.4	0.0
-55°	23.5	18.3	15.0	12.1	9.5	5.1	0.0
-57.5°	21.3	17.3	14.1	11.6	9.2	4.8	0.0
-60°	19.0	16.2	13.3	11.1	8.9	4.4	0.0
-62.5°	17.7	15.0	12.6	10.6	8.2	4.1	0.0
-65°	16.3	13.9	11.9	10.1	7.5	3.8	0.0
-67.5°	14.9	12.9	11.2	9.5	6.8	3.4	0.0
-70°	13.5	12.0	10.5	9.0	6.1	3.0	0.0
-72.5°	12.4	11.1	9.8	8.0	5.3	2.7	0.0
-75°	11.3	10.2	9.0	6.9	4.6	2.3	0.0
-77.5°	10.2	9.2	7.7	5.8	3.8	1.9	0.0
-80°	9.0	7.7	6.2	4.6	3.1	1.5	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	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)