

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: P1306257 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306257 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

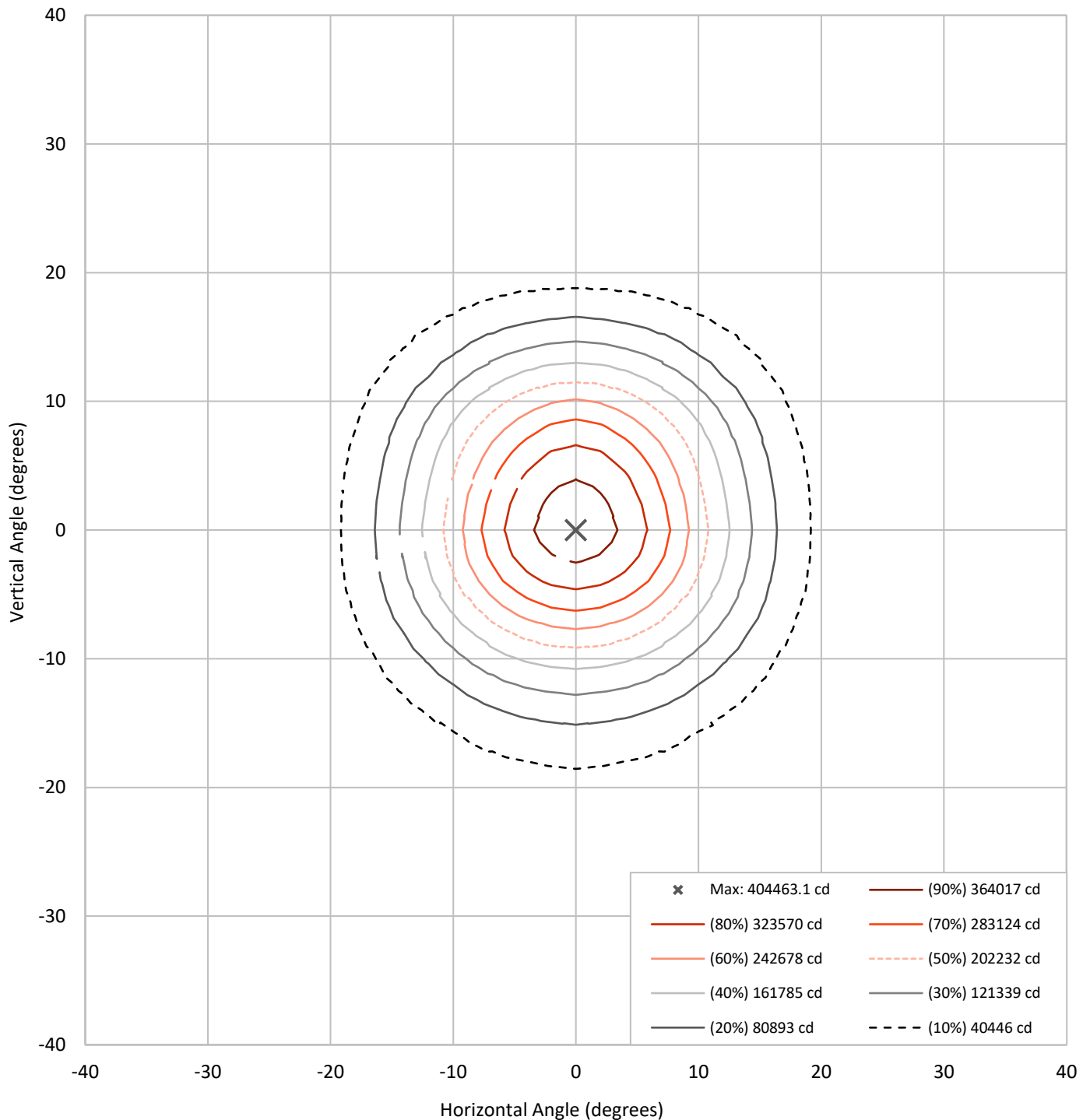
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	65402 lumens	Max Intensity:	404463.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	30369.8 lumens	Field Lumens:	55289.4 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%

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





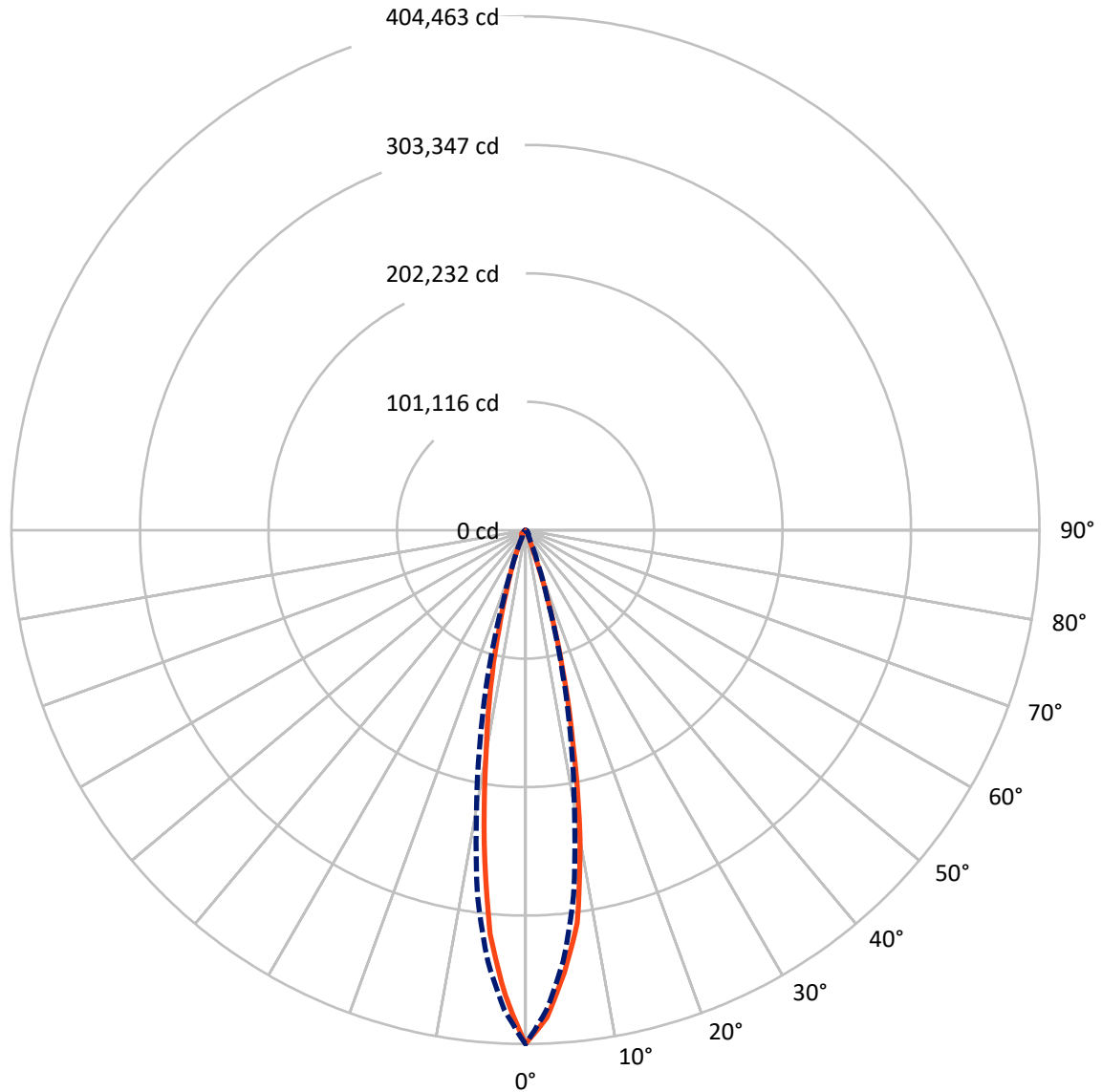
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Lumen Table

90	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
70	0.1	0.1	0.1	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.6	0.1	0.1	0.1			
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.5	0.9	1.5	1.0	1.0	1.5	0.9	0.5	0.4	0.4	0.2	0.2			
40		0.2	0.8	2.3	4.3	6.3	8.7	10.5	10.5	8.7	6.3	4.3	2.3	0.8	0.2				
30	0.2	0.5	4.2	13.2	31.3	47.5	82.2	155.8	155.8	82.2	47.5	31.3	13.2	4.2	0.5	0.2			
20		1.2	8.8	35.0	80.1	149.8	978.5	3032.1	3032.1	978.5	149.8	80.1	35.0	8.8	1.2				
10	0.3	1.9	11.4	46.9	95.2	300.1	2875.9	8619.3	8619.3	2875.9	300.1	95.2	46.9	11.4	1.9	0.3			
0		2.4	12.2	47.1	94.9	286.1	2704.9	7839.1	7839.1	2704.9	286.1	94.9	47.1	12.2	2.4				
-10	0.5	2.8	11.7	37.6	80.3	139.2	795.7	2304.0	2304.0	795.7	139.2	80.3	37.6	11.7	2.8	0.5			
-20		2.8	11.0	26.7	71.9	107.4	163.2	315.4	315.4	163.2	107.4	71.9	26.7	11.0	2.8				
-30	0.4	2.5	9.5	20.1	50.2	104.3	135.4	151.4	151.4	135.4	104.3	50.2	20.1	9.5	2.5	0.4			
-40		1.8	7.1	16.5	29.7	50.3	85.9	114.5	114.5	85.9	50.3	29.7	16.5	7.1	1.8				
-50	0.3	0.9	4.2	10.9	21.1	32.0	41.7	47.1	47.1	41.7	32.0	21.1	10.9	4.2	0.9	0.3			
-60		0.4	1.4	4.4	9.3	14.9	20.5	23.7	23.7	20.5	14.9	9.3	4.4	1.4	0.4				
-70	0.2	0.9	4.2	10.9	21.1	32.0	41.7	47.1	47.1	41.7	32.0	21.1	10.9	4.2	0.9	0.2			
-80		1.1	3.2	7.3	9.9	7.3	3.2	1.1	0.2										
-90	0.2	1.1	3.2	7.3	9.9	7.3	3.2	1.1	0.2										

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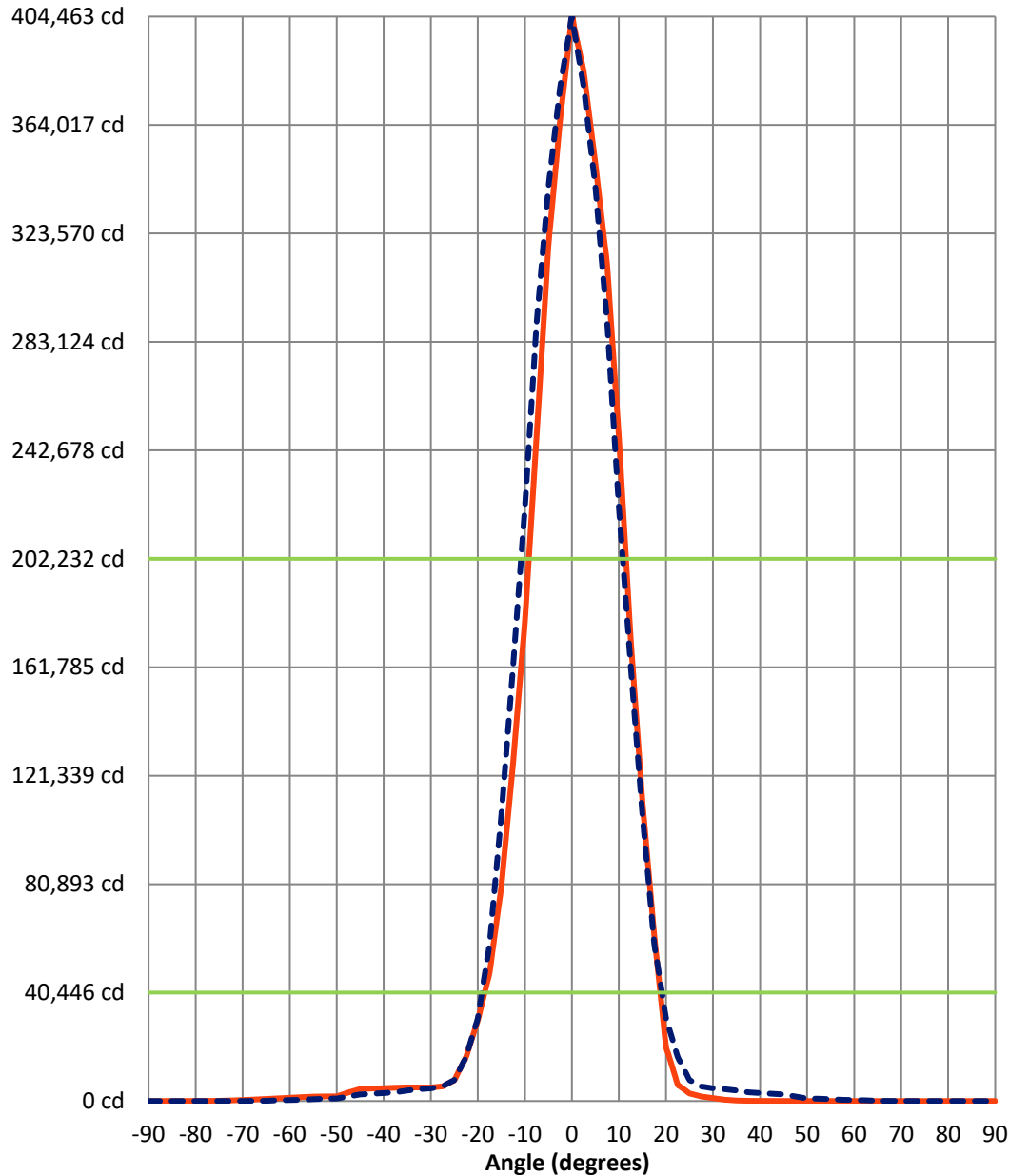
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.6°
V Angle: 20.7°
Lumens: 30369.8
Efficiency: 46.4%

Field:
H Angle: 38.3°
V Angle: 37.3°
Lumens: 55289.4
Efficiency: 84.5%

Spill:
Lumens: 10112.6
Efficiency: 15.5%

— 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°	4.8	5.6	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6
87.5°	4.8	4.8	4.8	4.5	4.1	3.9	3.6	3.6	3.5	3.4	3.2
85°	4.8	4.9	4.8	4.5	4.3	4.1	4.0	3.9	3.8	3.5	3.2
82.5°	4.8	4.9	4.8	4.6	4.4	4.4	4.4	4.3	4.0	3.8	3.6
80°	4.8	4.9	4.8	4.6	4.6	4.6	4.8	4.5	4.3	4.3	4.3
77.5°	4.8	5.0	4.8	4.7	4.7	4.8	4.8	4.6	4.6	4.7	4.8
75°	4.8	5.0	4.8	4.7	4.8	4.9	4.8	4.7	4.8	4.8	4.8
72.5°	4.8	5.1	4.8	4.8	5.0	5.0	4.9	4.8	4.8	4.8	4.8
70°	4.8	5.1	4.9	4.8	5.1	5.2	4.9	4.8	4.8	4.8	4.9
67.5°	4.8	5.1	4.9	5.0	5.3	5.3	5.0	4.8	4.8	5.0	5.0
65°	4.8	5.2	4.9	5.1	5.4	5.4	5.0	4.8	5.1	5.3	5.1
62.5°	4.8	5.2	5.0	5.3	5.6	5.4	5.1	5.1	5.5	5.6	5.2
60°	4.8	5.3	5.0	5.5	5.8	5.5	5.1	5.5	5.9	5.6	5.3
57.5°	4.8	5.3	5.1	5.6	5.8	5.5	5.5	6.0	6.1	5.7	5.8
55°	4.8	5.3	5.3	5.8	5.9	5.6	5.9	6.4	6.1	5.9	6.4
52.5°	4.8	5.4	5.4	6.0	5.9	5.6	6.3	6.6	6.2	6.5	7.1
50°	4.8	5.4	5.5	6.2	6.0	6.0	6.7	6.6	6.4	7.1	8.7
47.5°	4.8	5.5	5.6	6.3	6.0	6.3	7.0	6.7	6.9	7.7	10.2
45°	4.8	5.5	5.7	6.3	6.1	6.6	7.1	6.8	7.5	8.8	11.5
42.5°	4.8	5.6	5.8	6.4	6.1	6.9	7.2	7.1	8.1	9.8	13.3
40°	4.8	5.6	5.9	6.4	6.3	7.2	7.2	7.7	8.8	10.6	15.0
37.5°	4.8	5.7	6.0	6.5	6.5	7.5	7.3	8.2	9.8	11.9	16.7
35°	4.8	5.7	6.1	6.5	6.7	7.6	7.4	8.8	10.7	13.9	18.1
32.5°	4.8	5.8	6.1	6.6	6.9	7.7	7.6	9.4	11.5	15.8	20.0
30°	4.8	5.8	6.2	6.6	7.1	7.8	8.1	10.1	12.4	17.8	22.2
27.5°	4.8	5.9	6.2	6.7	7.3	7.9	8.6	10.8	13.5	19.8	24.4
25°	4.8	5.9	6.3	6.8	7.5	7.9	9.0	11.4	15.1	21.7	26.8
22.5°	4.8	6.0	6.3	6.9	7.6	8.0	9.5	12.0	16.7	23.6	31.2
20°	4.8	6.0	6.3	7.0	7.7	8.1	10.0	12.6	18.2	25.5	36.2
17.5°	4.8	6.1	6.4	7.2	7.8	8.3	10.4	13.2	19.7	27.5	41.5
15°	4.8	6.1	6.4	7.3	7.9	8.5	10.9	13.7	21.1	29.4	47.2
12.5°	4.8	6.2	6.4	7.4	7.9	8.6	11.3	14.2	22.3	31.3	53.1
10°	4.8	6.2	6.4	7.5	8.0	8.8	11.6	14.6	23.2	33.7	59.0
7.5°	4.8	6.3	6.4	7.7	8.0	9.0	12.0	15.0	24.0	36.2	65.0
5°	4.8	6.3	6.4	7.8	8.0	9.2	12.3	15.4	24.7	38.7	70.6
2.5°	4.8	6.4	6.4	7.9	8.0	9.4	12.6	15.7	25.2	41.1	75.6
0°	4.8	6.4	6.4	8.0	8.0	9.6	12.8	16.0	25.6	43.2	80.1
-2.5°	4.8	6.4	6.5	8.1	8.3	10.1	14.1	19.7	33.4	56.9	99.8
-5°	4.8	6.5	6.5	8.2	8.6	10.6	15.3	23.3	40.8	70.0	118.5
-7.5°	4.8	6.5	6.6	8.3	8.8	11.1	16.4	26.7	47.7	82.2	135.8
-10°	4.8	6.5	6.7	8.3	9.1	11.5	17.4	29.7	53.9	93.2	151.3
-12.5°	4.8	6.5	6.7	8.4	9.3	11.9	18.2	32.3	59.3	102.7	164.6
-15°	4.8	6.6	6.8	8.5	9.6	12.3	19.0	34.3	64.5	110.7	175.3
-17.5°	4.8	6.6	6.9	8.5	9.8	12.6	19.5	36.7	69.7	117.4	183.5
-20°	4.8	6.6	6.9	8.5	9.9	12.8	20.1	39.0	73.5	122.7	188.8



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 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.8	6.6	7.0	8.6	10.1	13.0	20.9	40.4	76.0	126.4	191.0
-25°	4.8	6.6	7.1	8.6	10.2	13.3	21.2	40.8	77.0	128.6	189.9
-27.5°	4.8	6.6	7.1	8.6	10.3	13.4	21.0	40.1	76.3	129.3	191.4
-30°	4.8	6.6	7.2	8.6	10.4	13.5	20.4	38.2	75.1	128.3	191.0
-32.5°	4.8	6.6	7.3	8.5	10.5	13.5	19.2	37.1	73.0	125.1	188.4
-35°	4.8	6.6	7.3	8.5	10.6	13.4	18.7	35.7	69.1	119.6	183.7
-37.5°	4.8	6.6	7.4	8.5	10.6	13.3	18.5	33.4	63.5	111.7	172.4
-40°	4.8	6.5	7.4	8.4	10.6	13.3	18.2	30.4	56.1	103.2	158.3
-42.5°	4.8	6.5	7.5	8.4	10.6	13.3	17.7	26.5	50.3	91.5	142.0
-45°	4.8	6.5	7.5	8.3	10.6	13.3	17.1	23.5	44.9	78.0	124.0
-47.5°	4.8	6.5	7.6	8.3	10.5	13.2	16.3	22.5	38.3	63.2	107.0
-50°	4.8	6.4	7.6	8.3	10.4	13.0	16.0	21.4	30.4	54.1	88.3
-52.5°	4.8	6.4	7.7	8.4	10.3	12.9	15.8	20.1	26.6	44.1	68.9
-55°	4.8	6.4	7.7	8.5	10.2	12.6	15.5	18.7	24.7	33.4	56.5
-57.5°	4.8	6.3	7.8	8.5	10.0	12.4	15.1	18.2	22.6	28.9	43.2
-60°	4.8	6.3	7.8	8.5	9.8	12.0	14.7	17.6	20.6	26.2	32.7
-62.5°	4.8	6.2	7.7	8.5	9.7	11.7	14.2	16.9	19.7	23.2	29.2
-65°	4.8	6.2	7.6	8.4	9.5	11.3	13.7	16.2	18.8	21.6	25.5
-67.5°	4.8	6.2	7.5	8.4	9.4	10.9	13.1	15.4	17.8	20.4	23.3
-70°	4.8	6.1	7.4	8.3	9.2	10.6	12.5	14.5	16.7	19.0	21.6
-72.5°	4.8	6.0	7.3	8.2	9.0	10.2	11.8	13.6	15.5	17.6	19.9
-75°	4.8	6.0	7.2	8.0	8.8	9.8	11.2	12.7	14.3	16.2	18.2
-77.5°	4.8	5.9	7.1	7.8	8.5	9.3	10.4	11.9	13.3	14.7	16.3
-80°	4.8	5.9	6.9	7.6	8.3	8.9	9.7	11.0	12.3	13.6	14.9
-82.5°	4.8	5.8	6.8	7.4	8.0	8.6	9.2	10.2	11.2	12.4	13.6
-85°	4.8	5.7	6.7	7.2	7.7	8.3	8.8	9.6	10.4	11.3	12.3
-87.5°	4.8	5.7	6.5	7.0	7.5	7.9	8.4	9.0	9.6	10.3	10.9
-90°	4.8	4.8	4.8	4.4	4.0	3.6	3.2	3.2	3.2	3.2	3.2



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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°	9.6	9.6	9.6	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4
87.5°	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.6	1.6	1.6	1.6
85°	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.6	1.6
82.5°	3.7	3.6	3.5	3.2	2.8	2.4	2.1	1.8	1.9	1.8	1.8
80°	4.3	4.1	3.7	3.3	3.0	2.9	2.9	2.9	2.8	2.6	2.3
77.5°	4.5	4.1	3.7	3.3	3.2	3.5	3.8	4.0	4.0	3.8	3.6
75°	4.5	4.1	4.0	4.0	4.2	4.5	4.8	4.8	4.7	4.5	4.5
72.5°	4.6	4.5	4.5	4.8	4.8	4.8	4.8	4.8	6.1	7.9	9.1
70°	4.7	4.8	4.8	4.8	4.8	5.3	7.5	10.6	13.9	15.7	17.3
67.5°	4.8	4.8	4.8	5.0	6.1	8.6	12.2	19.1	26.4	28.2	28.0
65°	4.8	4.8	5.4	6.5	7.9	13.8	21.3	29.9	36.4	35.4	33.1
62.5°	4.8	5.5	6.5	8.9	13.6	20.7	27.5	33.7	39.9	38.8	33.4
60°	5.5	6.3	9.0	13.7	18.9	24.0	30.4	34.5	38.5	39.5	30.2
57.5°	6.2	8.2	12.6	17.5	21.9	25.7	28.1	31.7	33.0	32.1	23.5
55°	7.5	10.8	15.6	20.3	23.4	22.5	24.0	25.1	24.6	22.7	16.7
52.5°	9.8	13.3	18.0	22.0	22.4	20.2	18.9	19.1	17.6	15.0	13.0
50°	11.8	15.8	20.2	22.4	21.4	18.1	15.1	14.6	13.6	12.3	11.2
47.5°	13.9	18.2	21.7	22.8	19.8	16.9	14.0	13.0	12.3	12.6	11.9
45°	16.0	20.1	23.6	21.6	18.9	16.6	15.4	12.8	14.4	15.4	15.9
42.5°	18.1	21.7	23.2	20.6	19.1	19.1	18.8	18.2	19.1	23.0	25.3
40°	19.5	23.3	23.1	22.7	21.0	24.1	27.1	29.4	29.6	34.8	38.8
37.5°	20.9	23.9	25.2	28.4	26.9	32.7	37.7	57.7	58.5	48.4	65.6
35°	22.1	25.1	33.2	42.3	45.8	44.7	72.9	99.2	105.7	95.1	112.9
32.5°	23.5	26.9	44.0	65.2	84.6	86.0	118.2	160.2	182.2	189.7	199.4
30°	26.0	36.9	60.7	94.3	140.7	178.6	194.0	239.1	279.8	361.3	418.3
27.5°	30.6	50.1	88.5	146.1	217.3	288.9	313.5	344.9	451.5	595.9	738.6
25°	36.3	77.7	120.2	214.6	323.5	403.1	434.4	476.7	678.1	957.0	1121.0
22.5°	50.7	113.3	168.2	293.7	441.3	514.3	555.2	707.0	1015.1	1385.5	1551.6
20°	76.8	155.7	226.6	359.7	559.6	624.7	670.6	986.3	1434.8	1786.7	2047.3
17.5°	106.8	198.1	284.7	429.3	610.9	708.8	804.6	1294.7	1874.7	2184.0	2491.0
15°	139.9	240.4	335.0	491.2	657.3	759.2	1010.8	1643.6	2272.3	2574.1	2880.3
12.5°	175.0	282.0	378.1	545.5	703.1	806.2	1198.1	1892.4	2484.8	2881.8	3249.2
10°	210.8	322.6	415.0	592.5	747.5	849.7	1373.3	2103.9	2597.4	2950.6	3366.9
7.5°	235.0	349.2	443.7	632.3	789.6	889.6	1532.0	2278.3	2673.8	2985.1	3355.0
5°	254.1	359.2	454.7	660.6	824.3	921.2	1657.0	2416.1	2720.3	2990.5	3292.9
2.5°	269.3	366.0	463.3	682.6	851.9	941.3	1698.4	2458.6	2729.5	2990.3	3263.2
0°	280.3	370.0	469.3	698.3	874.4	957.7	1707.2	2468.0	2722.6	2983.7	3275.1
-2.5°	290.2	381.3	487.7	711.7	875.4	959.5	1698.8	2457.0	2753.3	3056.0	3404.0
-5°	296.3	390.5	502.8	718.5	871.9	958.4	1660.2	2413.2	2750.2	3057.2	3425.3
-7.5°	299.1	397.4	514.0	717.6	859.9	945.4	1557.5	2273.1	2642.1	2931.2	3317.2
-10°	300.2	405.9	521.3	702.4	837.4	923.6	1425.1	2106.7	2522.6	2793.4	3167.9
-12.5°	302.9	415.6	526.0	685.2	815.1	898.8	1275.3	1917.8	2393.0	2645.7	2997.5
-15°	302.7	423.1	528.3	667.5	794.4	871.1	1111.7	1709.3	2296.6	2617.6	2905.1
-17.5°	299.9	428.3	528.5	650.5	776.4	840.4	943.4	1525.0	2216.9	2606.0	2885.0
-20°	294.7	431.4	526.9	635.4	759.8	827.5	911.3	1346.6	2005.0	2565.0	2877.1



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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°	287.3	432.2	525.0	627.8	746.6	831.6	903.6	1151.0	1724.9	2496.9	2823.4
-25°	283.2	419.5	522.9	618.8	732.7	836.6	895.5	970.7	1448.4	2154.1	2697.8
-27.5°	281.0	404.9	511.0	604.0	714.9	835.4	896.2	959.8	1214.4	1762.9	2503.5
-30°	274.5	380.8	494.8	584.7	693.9	811.8	902.0	952.0	1023.4	1448.9	2053.3
-32.5°	260.8	355.5	468.2	563.6	666.4	784.3	896.0	951.7	1012.7	1139.0	1626.7
-35°	246.3	335.6	437.7	537.5	632.7	747.1	856.3	949.7	1002.4	1067.7	1285.8
-37.5°	234.8	313.2	406.5	505.5	599.4	702.3	812.3	915.5	994.5	1060.3	1143.4
-40°	220.3	288.4	378.0	470.9	562.7	657.8	760.7	864.6	964.3	1064.2	1139.9
-42.5°	202.9	269.1	348.3	435.5	523.6	614.9	706.8	807.0	923.2	1049.1	1146.3
-45°	182.2	246.6	317.2	398.0	480.7	568.6	657.5	747.9	870.5	999.8	1121.7
-47.5°	158.9	220.8	288.0	357.6	435.7	517.6	604.1	698.8	806.4	929.8	1062.5
-50°	134.4	191.7	254.5	319.1	388.8	464.4	544.4	640.1	741.2	849.4	969.2
-52.5°	111.2	159.8	217.9	279.5	342.7	410.5	485.5	571.0	665.9	766.5	867.3
-55°	86.2	129.9	178.4	236.0	296.6	357.6	423.2	499.1	581.6	673.4	763.6
-57.5°	66.8	98.8	140.6	188.8	245.2	304.3	362.4	424.1	496.2	574.5	650.6
-60°	50.5	72.5	103.4	144.1	189.4	242.6	298.3	354.5	412.6	470.8	535.6
-62.5°	35.8	52.7	73.2	100.2	138.9	178.5	225.0	276.8	331.6	381.5	429.3
-65°	31.3	36.3	50.2	69.3	89.2	122.0	157.2	193.4	238.6	283.4	329.0
-67.5°	26.6	31.2	35.7	42.9	60.1	77.2	94.3	125.0	156.5	185.0	215.5
-70°	24.1	26.4	30.1	34.2	38.1	45.2	60.1	74.9	89.2	106.2	130.4
-72.5°	22.0	23.9	26.0	28.2	31.6	35.1	38.5	41.8	50.3	62.0	73.0
-75°	19.8	21.3	23.0	24.8	26.8	28.9	31.2	34.1	36.8	39.4	42.1
-77.5°	17.7	19.0	20.3	21.6	22.9	24.5	26.2	28.0	29.6	31.1	32.7
-80°	15.8	16.7	17.8	18.9	19.8	20.7	21.7	22.8	23.6	24.5	25.5
-82.5°	14.2	14.8	15.5	16.2	16.8	17.3	17.7	18.4	19.2	20.0	20.7
-85°	12.6	12.8	13.1	13.5	14.1	14.7	15.2	15.7	16.1	16.5	17.0
-87.5°	11.1	11.2	11.3	11.4	11.9	12.5	13.0	13.5	13.7	13.8	14.0
-90°	2.8	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.8	12.8	12.8	12.8	12.8	13.2	13.6	14.0	14.4	14.4	14.4
87.5°	1.6	1.5	1.5	1.5	1.5	1.1	0.8	0.4	0.0	0.0	0.0
85°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	2.1	2.1	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	3.4	3.2	2.8	2.3	1.7	1.6	1.6	1.6	1.6	1.6	1.6
75°	4.6	4.5	4.4	4.0	3.3	3.2	3.2	3.1	2.9	3.0	3.1
72.5°	9.7	9.7	9.1	8.4	7.2	6.6	6.5	6.2	5.8	5.6	5.4
70°	17.7	17.1	16.1	14.3	11.9	10.2	9.4	8.2	6.9	6.3	6.3
67.5°	25.5	22.9	20.6	18.2	14.9	12.3	10.8	9.4	8.1	7.5	7.2
65°	29.4	23.5	19.6	16.5	14.2	12.0	10.3	8.9	7.5	6.8	6.6
62.5°	27.0	19.6	15.5	13.0	10.9	9.4	8.3	7.1	6.0	5.4	5.6
60°	22.1	15.1	11.6	10.2	9.0	8.1	7.0	6.1	5.3	4.9	5.4
57.5°	16.9	12.1	9.5	8.9	8.0	6.9	6.2	5.9	5.8	5.9	6.2
55°	12.6	10.6	9.6	8.5	7.5	6.8	6.5	6.7	6.6	6.4	6.4
52.5°	10.7	9.8	8.7	7.7	7.6	7.6	7.9	7.6	7.4	7.4	7.6
50°	10.5	9.6	8.8	8.0	8.3	8.3	8.1	8.3	8.8	9.0	9.1
47.5°	11.3	10.7	11.3	9.5	9.9	11.1	11.1	11.3	12.7	13.4	13.6
45°	14.9	18.2	18.2	16.8	16.2	23.4	23.9	20.0	32.5	31.2	22.0
42.5°	27.6	29.3	29.4	36.8	49.7	56.7	75.2	104.6	98.0	76.1	46.0
40°	45.7	43.4	53.0	68.0	83.1	100.9	126.2	176.3	167.8	134.3	147.6
37.5°	78.9	78.9	83.5	104.4	110.2	94.9	134.8	130.2	103.8	145.9	154.4
35°	144.3	158.7	134.7	167.1	171.4	157.7	165.4	182.8	158.2	189.2	202.5
32.5°	259.0	285.8	289.3	297.3	321.1	339.4	334.3	377.0	379.1	419.4	474.5
30°	414.1	469.6	527.1	536.1	565.8	614.0	638.3	724.2	815.3	874.9	984.3
27.5°	727.9	741.6	857.3	948.4	912.1	984.4	1165.2	1270.0	1444.0	1547.7	1657.8
25°	1169.1	1206.8	1369.8	1537.7	1560.1	1626.1	1888.8	2038.8	2218.0	2322.7	2549.9
22.5°	1728.9	1891.7	2071.1	2291.9	2382.5	2537.6	2793.0	3012.9	3386.4	3848.6	4844.3
20°	2352.6	2597.2	2838.4	3032.4	3219.2	3465.8	3776.5	4837.8	6095.3	9884.1	12498.3
17.5°	2886.3	3287.0	3517.5	3705.3	3939.7	4415.5	5649.1	8776.4	14807.2	23242.6	30964.0
15°	3301.4	3675.4	4046.2	4281.6	4647.9	5701.2	8211.1	15880.8	28377.5	42617.1	59848.3
12.5°	3630.4	3941.0	4252.4	4598.8	5275.8	7328.5	13714.1	25558.7	43731.1	66748.5	97296.3
10°	3808.1	4118.9	4419.4	4912.5	6165.7	9903.6	18852.7	34472.9	62994.4	98942.3	137873.3
7.5°	3806.9	4185.8	4557.3	5158.8	7072.7	12980.7	24905.8	46043.1	79779.1	124847.5	174967.7
5°	3804.8	4263.3	4652.5	5331.4	7640.1	15080.6	28663.1	52450.8	93446.0	144305.9	197972.3
2.5°	3841.7	4346.3	4714.0	5445.0	7902.9	16207.4	30747.3	57511.9	103000.9	155381.3	212728.1
0°	3928.6	4420.2	4750.2	5456.4	7871.5	16439.8	30989.7	58736.3	106678.3	162327.7	221175.3
-2.5°	4072.3	4409.6	4729.7	5410.3	7766.6	15960.2	30423.5	57668.2	102417.3	154598.0	211551.6
-5°	3985.8	4258.2	4541.3	5153.7	7251.5	14279.2	27404.9	51603.7	89824.2	136682.8	185471.5
-7.5°	3763.7	4039.8	4302.1	4830.3	6509.1	11783.6	22417.5	41454.4	71307.3	107800.5	146120.9
-10°	3561.3	3808.9	4055.9	4478.3	5561.6	8642.9	16041.7	29338.0	52062.5	79572.0	108856.6
-12.5°	3405.5	3613.5	3803.7	4086.8	4689.2	6410.2	11670.5	21538.9	34961.0	52474.9	73907.0
-15°	3268.3	3430.0	3570.0	3842.4	4290.2	5189.3	7272.0	12909.7	21273.0	32308.7	44011.3
-17.5°	3141.5	3296.6	3461.8	3669.4	3951.3	4382.9	5579.4	7950.8	12775.6	19984.5	26886.3
-20°	3076.6	3266.4	3408.4	3570.8	3810.1	4141.8	4562.2	5738.6	7727.2	12157.5	16645.2



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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°	3025.4	3206.4	3368.5	3556.9	3802.6	4064.4	4291.4	4650.6	5588.8	6980.2	9296.9
-25°	2963.1	3141.5	3381.2	3655.5	3866.6	4064.5	4179.7	4254.6	4657.2	5054.9	5941.8
-27.5°	2844.8	3127.5	3479.5	3775.7	4002.8	4125.6	4218.4	4279.1	4520.5	4757.6	5015.6
-30°	2739.0	3172.5	3552.6	3896.9	4094.6	4244.7	4365.6	4475.0	4641.8	4842.6	4936.5
-32.5°	2363.6	3160.3	3583.1	3900.0	4103.2	4280.3	4466.6	4567.7	4714.6	4861.7	4980.3
-35°	1856.6	2666.1	3550.1	3731.6	3933.3	4164.1	4387.9	4531.8	4681.4	4832.9	4972.5
-37.5°	1390.7	1996.3	2713.1	3368.7	3639.4	3875.8	4150.5	4372.0	4567.8	4733.0	4892.1
-40°	1219.0	1383.3	1910.6	2431.4	2984.4	3492.0	3763.6	4060.2	4354.9	4558.9	4740.4
-42.5°	1217.1	1280.0	1333.9	1682.9	2108.4	2544.9	3006.8	3437.3	3916.7	4252.7	4507.6
-45°	1224.9	1273.9	1324.1	1374.6	1421.0	1742.2	2079.1	2420.6	2920.9	3417.5	3846.8
-47.5°	1166.6	1261.1	1321.2	1369.7	1415.6	1460.7	1504.8	1596.9	1916.7	2255.2	2564.6
-50°	1074.1	1171.5	1261.0	1350.8	1403.5	1448.0	1495.9	1548.6	1599.7	1651.8	1686.3
-52.5°	960.8	1056.6	1149.7	1234.9	1311.6	1387.0	1462.4	1523.6	1578.2	1631.5	1658.0
-55°	852.2	938.5	1023.4	1098.4	1173.2	1247.5	1322.4	1397.0	1471.1	1543.8	1581.0
-57.5°	731.9	815.7	895.5	958.6	1022.2	1085.6	1153.7	1223.7	1291.3	1353.2	1385.7
-60°	604.2	676.0	744.4	805.6	865.1	922.4	980.1	1038.6	1095.7	1146.1	1175.6
-62.5°	477.2	532.6	589.6	643.0	693.7	742.5	795.2	845.5	893.0	933.1	961.0
-65°	373.5	415.0	451.5	488.4	526.0	568.9	612.3	653.4	691.8	723.6	747.4
-67.5°	253.7	291.7	325.2	356.6	385.4	414.7	445.8	475.7	504.0	527.4	545.9
-70°	153.4	174.8	193.9	215.1	240.2	264.9	289.5	312.2	332.9	349.9	363.4
-72.5°	83.4	92.4	102.2	117.4	131.4	145.4	159.2	171.9	183.4	193.5	202.4
-75°	44.8	48.7	55.7	62.1	67.7	73.4	78.9	83.9	88.4	92.2	95.3
-77.5°	34.6	36.5	38.2	39.7	41.0	42.3	43.5	44.6	45.7	46.8	47.8
-80°	26.6	27.9	29.2	30.4	31.5	32.4	33.0	33.6	34.1	34.8	35.4
-82.5°	21.4	21.9	22.5	23.1	23.8	24.4	25.1	25.7	26.4	26.6	26.8
-85°	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	19.0	19.0	19.1
-87.5°	14.1	14.1	14.2	14.2	14.3	14.7	15.1	15.5	15.9	16.0	16.0
-90°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.0
87.5°	0.0	0.0	0.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.4
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.9	3.1
72.5°	5.1	4.8	4.8	4.8	4.8	4.8	5.1	5.4	5.6	5.8	6.2
70°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.9	8.2
67.5°	6.9	6.5	5.7	4.8	5.7	6.5	6.9	7.2	7.5	8.1	9.4
65°	6.4	6.4	5.7	4.8	5.7	6.4	6.4	6.6	6.8	7.5	8.9
62.5°	5.9	6.3	5.7	4.8	5.7	6.3	5.9	5.6	5.4	6.0	7.1
60°	5.8	6.3	6.4	6.4	6.4	6.3	5.8	5.4	4.9	5.3	6.1
57.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.2	5.9	5.8	5.9
55°	6.4	6.4	7.0	8.0	7.0	6.4	6.4	6.4	6.4	6.6	6.7
52.5°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.6	7.4	7.4	7.6
50°	9.3	9.5	9.6	9.6	9.6	9.5	9.3	9.1	9.0	8.8	8.3
47.5°	13.6	13.1	12.7	12.8	12.7	13.1	13.6	13.6	13.4	12.7	11.3
45°	22.3	22.2	22.2	22.4	22.2	22.2	22.3	22.0	31.2	32.5	20.0
42.5°	44.8	40.3	36.9	38.4	36.9	40.3	44.8	46.0	76.1	98.0	104.6
40°	131.8	90.6	52.5	52.9	52.5	90.6	131.8	147.6	134.3	167.8	176.3
37.5°	123.1	99.4	89.7	88.1	89.7	99.4	123.1	154.4	145.9	103.8	130.2
35°	203.2	202.0	193.1	192.2	193.1	202.0	203.2	202.5	189.2	158.2	182.8
32.5°	495.8	516.1	509.5	501.3	509.5	516.1	495.8	474.5	419.4	379.1	377.0
30°	1036.3	1081.4	1072.2	1097.1	1072.2	1081.4	1036.3	984.3	874.9	815.3	724.2
27.5°	1718.9	1748.4	1717.9	1708.8	1717.9	1748.4	1718.9	1657.8	1547.7	1444.0	1270.0
25°	2705.3	2762.5	2788.8	2842.7	2788.8	2762.5	2705.3	2549.9	2322.7	2218.0	2038.8
22.5°	6082.4	6436.8	6254.8	6092.2	6254.8	6436.8	6082.4	4844.3	3848.6	3386.4	3012.9
20°	17850.0	21002.7	20770.3	20355.5	20770.3	21002.7	17850.0	12498.3	9884.1	6095.3	4837.8
17.5°	43041.7	52727.2	58758.9	61933.0	58758.9	52727.2	43041.7	30964.0	23242.6	14807.2	8776.4
15°	80297.8	96588.8	106154.0	111579.0	106154.0	96588.8	80297.8	59848.3	42617.1	28377.5	15880.8
12.5°	126664.3	152198.2	169137.5	172375.8	169137.5	152198.2	126664.3	97296.3	66748.5	43731.1	25558.7
10°	177720.1	210423.2	237394.1	247230.7	237394.1	210423.2	177720.1	137873.3	98942.3	62994.4	34472.9
7.5°	221323.5	263056.2	298869.8	311607.7	298869.8	263056.2	221323.5	174967.7	124847.5	79779.1	46043.1
5°	253030.0	308390.2	340807.5	349554.5	340807.5	308390.2	253030.0	197972.3	144305.9	93446.0	52450.8
2.5°	278839.2	331389.8	366145.5	384065.2	366145.5	331389.8	278839.2	212728.1	155381.3	103000.9	57511.9
0°	290187.1	340688.4	378172.3	404463.1	378172.3	340688.4	290187.1	221175.3	162327.7	106678.3	58736.3
-2.5°	276241.5	327886.0	354550.2	366073.6	354550.2	327886.0	276241.5	211551.6	154598.0	102417.3	57668.2
-5°	234863.0	283547.4	310346.9	318861.0	310346.9	283547.4	234863.0	185471.5	136682.8	89824.2	51603.7
-7.5°	183202.9	216931.4	240053.2	248111.6	240053.2	216931.4	183202.9	146120.9	107800.5	71307.3	41454.4
-10°	137947.9	162137.0	174527.6	178715.4	174527.6	162137.0	137947.9	108856.6	79572.0	52062.5	29338.0
-12.5°	94722.5	112932.1	120941.5	126203.4	120941.5	112932.1	94722.5	73907.0	52474.9	34961.0	21538.9
-15°	58266.4	70137.7	76444.5	80044.8	76444.5	70137.7	58266.4	44011.3	32308.7	21273.0	12909.7
-17.5°	35399.8	41852.9	46032.4	47926.0	46032.4	41852.9	35399.8	26886.3	19984.5	12775.6	7950.8
-20°	21977.1	26273.6	28714.0	30113.7	28714.0	26273.6	21977.1	16645.2	12157.5	7727.2	5738.6



REPORT NUMBER: P1306257 (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°	12346.1	14703.6	16025.5	16486.2	16025.5	14703.6	12346.1	9296.9	6980.2	5588.8	4650.6
-25°	6865.6	7465.6	7728.1	7789.9	7728.1	7465.6	6865.6	5941.8	5054.9	4657.2	4254.6
-27.5°	5239.3	5367.2	5448.3	5472.4	5448.3	5367.2	5239.3	5015.6	4757.6	4520.5	4279.1
-30°	5025.7	5039.1	5061.4	5057.7	5061.4	5039.1	5025.7	4936.5	4842.6	4641.8	4475.0
-32.5°	5063.9	5068.8	5073.3	5065.7	5073.3	5068.8	5063.9	4980.3	4861.7	4714.6	4567.7
-35°	5048.8	5063.3	5074.6	5080.1	5074.6	5063.3	5048.8	4972.5	4832.9	4681.4	4531.8
-37.5°	4955.3	4975.3	4985.1	4976.0	4985.1	4975.3	4955.3	4892.1	4733.0	4567.8	4372.0
-40°	4784.0	4798.4	4799.4	4791.8	4799.4	4798.4	4784.0	4740.4	4558.9	4354.9	4060.2
-42.5°	4585.3	4635.9	4659.8	4660.5	4659.8	4635.9	4585.3	4507.6	4252.7	3916.7	3437.3
-45°	4119.0	4330.1	4455.3	4485.9	4455.3	4330.1	4119.0	3846.8	3417.5	2920.9	2420.6
-47.5°	2811.8	3021.5	3157.9	3209.5	3157.9	3021.5	2811.8	2564.6	2255.2	1916.7	1596.9
-50°	1711.5	1737.0	1748.1	1745.7	1748.1	1737.0	1711.5	1686.3	1651.8	1599.7	1548.6
-52.5°	1678.3	1698.4	1710.8	1716.8	1710.8	1698.4	1678.3	1658.0	1631.5	1578.2	1523.6
-55°	1611.6	1636.8	1649.7	1652.8	1649.7	1636.8	1611.6	1581.0	1543.8	1471.1	1397.0
-57.5°	1413.1	1435.0	1447.6	1452.6	1447.6	1435.0	1413.1	1385.7	1353.2	1291.3	1223.7
-60°	1199.5	1217.9	1225.9	1226.8	1225.9	1217.9	1199.5	1175.6	1146.1	1095.7	1038.6
-62.5°	984.2	1002.5	1008.5	1007.4	1008.5	1002.5	984.2	961.0	933.1	893.0	845.5
-65°	767.3	783.2	786.4	783.2	786.4	783.2	767.3	747.4	723.6	691.8	653.4
-67.5°	561.4	573.8	577.4	576.6	577.4	573.8	561.4	545.9	527.4	504.0	475.7
-70°	374.1	382.1	381.8	378.0	381.8	382.1	374.1	363.4	349.9	332.9	312.2
-72.5°	209.9	216.0	220.9	224.2	220.9	216.0	209.9	202.4	193.5	183.4	171.9
-75°	97.8	99.7	102.1	104.1	102.1	99.7	97.8	95.3	92.2	88.4	83.9
-77.5°	48.6	49.3	50.3	51.2	50.3	49.3	48.6	47.8	46.8	45.7	44.6
-80°	36.1	36.6	36.8	36.8	36.8	36.6	36.1	35.4	34.8	34.1	33.6
-82.5°	27.0	27.1	27.2	27.2	27.2	27.1	27.0	26.8	26.6	26.4	25.7
-85°	19.1	19.2	20.0	20.8	20.0	19.2	19.1	19.1	19.0	19.0	18.9
-87.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.5
-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°	13.6	13.2	12.8	12.8	12.8	12.8	12.8	12.4	12.0	11.6	11.2
87.5°	0.8	1.1	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
85°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.9	1.8
80°	1.6	1.6	1.6	1.8	2.0	2.1	2.1	2.3	2.6	2.8	2.9
77.5°	1.6	1.6	1.7	2.3	2.8	3.2	3.4	3.6	3.8	4.0	4.0
75°	3.2	3.2	3.3	4.0	4.4	4.5	4.6	4.5	4.5	4.7	4.8
72.5°	6.5	6.6	7.2	8.4	9.1	9.7	9.7	9.1	7.9	6.1	4.8
70°	9.4	10.2	11.9	14.3	16.1	17.1	17.7	17.3	15.7	13.9	10.6
67.5°	10.8	12.3	14.9	18.2	20.6	22.9	25.5	28.0	28.2	26.4	19.1
65°	10.3	12.0	14.2	16.5	19.6	23.5	29.4	33.1	35.4	36.4	29.9
62.5°	8.3	9.4	10.9	13.0	15.5	19.6	27.0	33.4	38.8	39.9	33.7
60°	7.0	8.1	9.0	10.2	11.6	15.1	22.1	30.2	39.5	38.5	34.5
57.5°	6.2	6.9	8.0	8.9	9.5	12.1	16.9	23.5	32.1	33.0	31.7
55°	6.5	6.8	7.5	8.5	9.6	10.6	12.6	16.7	22.7	24.6	25.1
52.5°	7.9	7.6	7.6	7.7	8.7	9.8	10.7	13.0	15.0	17.6	19.1
50°	8.1	8.3	8.3	8.0	8.8	9.6	10.5	11.2	12.3	13.6	14.6
47.5°	11.1	11.1	9.9	9.5	11.3	10.7	11.3	11.9	12.6	12.3	13.0
45°	23.9	23.4	16.2	16.8	18.2	18.2	14.9	15.9	15.4	14.4	12.8
42.5°	75.2	56.7	49.7	36.8	29.4	29.3	27.6	25.3	23.0	19.1	18.2
40°	126.2	100.9	83.1	68.0	53.0	43.4	45.7	38.8	34.8	29.6	29.4
37.5°	134.8	94.9	110.2	104.4	83.5	78.9	78.9	65.6	48.4	58.5	57.7
35°	165.4	157.7	171.4	167.1	134.7	158.7	144.3	112.9	95.1	105.7	99.2
32.5°	334.3	339.4	321.1	297.3	289.3	285.8	259.0	199.4	189.7	182.2	160.2
30°	638.3	614.0	565.8	536.1	527.1	469.6	414.1	418.3	361.3	279.8	239.1
27.5°	1165.2	984.4	912.1	948.4	857.3	741.6	727.9	738.6	595.9	451.5	344.9
25°	1888.8	1626.1	1560.1	1537.7	1369.8	1206.8	1169.1	1121.0	957.0	678.1	476.7
22.5°	2793.0	2537.6	2382.5	2291.9	2071.1	1891.7	1728.9	1551.6	1385.5	1015.1	707.0
20°	3776.5	3465.8	3219.2	3032.4	2838.4	2597.2	2352.6	2047.3	1786.7	1434.8	986.3
17.5°	5649.1	4415.5	3939.7	3705.3	3517.5	3287.0	2886.3	2491.0	2184.0	1874.7	1294.7
15°	8211.1	5701.2	4647.9	4281.6	4046.2	3675.4	3301.4	2880.3	2574.1	2272.3	1643.6
12.5°	13714.1	7328.5	5275.8	4598.8	4252.4	3941.0	3630.4	3249.2	2881.8	2484.8	1892.4
10°	18852.7	9903.6	6165.7	4912.5	4419.4	4118.9	3808.1	3366.9	2950.6	2597.4	2103.9
7.5°	24905.8	12980.7	7072.7	5158.8	4557.3	4185.8	3806.9	3355.0	2985.1	2673.8	2278.3
5°	28663.1	15080.6	7640.1	5331.4	4652.5	4263.3	3804.8	3292.9	2990.5	2720.3	2416.1
2.5°	30747.3	16207.4	7902.9	5445.0	4714.0	4346.3	3841.7	3263.2	2990.3	2729.5	2458.6
0°	30989.7	16439.8	7871.5	5456.4	4750.2	4420.2	3928.6	3275.1	2983.7	2722.6	2468.0
-2.5°	30423.5	15960.2	7766.6	5410.3	4729.7	4409.6	4072.3	3404.0	3056.0	2753.3	2457.0
-5°	27404.9	14279.2	7251.5	5153.7	4541.3	4258.2	3985.8	3425.3	3057.2	2750.2	2413.2
-7.5°	22417.5	11783.6	6509.1	4830.3	4302.1	4039.8	3763.7	3317.2	2931.2	2642.1	2273.1
-10°	16041.7	8642.9	5561.6	4478.3	4055.9	3808.9	3561.3	3167.9	2793.4	2522.6	2106.7
-12.5°	11670.5	6410.2	4689.2	4086.8	3803.7	3613.5	3405.5	2997.5	2645.7	2393.0	1917.8
-15°	7272.0	5189.3	4290.2	3842.4	3570.0	3430.0	3268.3	2905.1	2617.6	2296.6	1709.3
-17.5°	5579.4	4382.9	3951.3	3669.4	3461.8	3296.6	3141.5	2885.0	2606.0	2216.9	1525.0
-20°	4562.2	4141.8	3810.1	3570.8	3408.4	3266.4	3076.6	2877.1	2565.0	2005.0	1346.6



REPORT NUMBER: P1306257 (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°	4291.4	4064.4	3802.6	3556.9	3368.5	3206.4	3025.4	2823.4	2496.9	1724.9	1151.0
-25°	4179.7	4064.5	3866.6	3655.5	3381.2	3141.5	2963.1	2697.8	2154.1	1448.4	970.7
-27.5°	4218.4	4125.6	4002.8	3775.7	3479.5	3127.5	2844.8	2503.5	1762.9	1214.4	959.8
-30°	4365.6	4244.7	4094.6	3896.9	3552.6	3172.5	2739.0	2053.3	1448.9	1023.4	952.0
-32.5°	4466.6	4280.3	4103.2	3900.0	3583.1	3160.3	2363.6	1626.7	1139.0	1012.7	951.7
-35°	4387.9	4164.1	3933.3	3731.6	3550.1	2666.1	1856.6	1285.8	1067.7	1002.4	949.7
-37.5°	4150.5	3875.8	3639.4	3368.7	2713.1	1996.3	1390.7	1143.4	1060.3	994.5	915.5
-40°	3763.6	3492.0	2984.4	2431.4	1910.6	1383.3	1219.0	1139.9	1064.2	964.3	864.6
-42.5°	3006.8	2544.9	2108.4	1682.9	1333.9	1280.0	1217.1	1146.3	1049.1	923.2	807.0
-45°	2079.1	1742.2	1421.0	1374.6	1324.1	1273.9	1224.9	1121.7	999.8	870.5	747.9
-47.5°	1504.8	1460.7	1415.6	1369.7	1321.2	1261.1	1166.6	1062.5	929.8	806.4	698.8
-50°	1495.9	1448.0	1403.5	1350.8	1261.0	1171.5	1074.1	969.2	849.4	741.2	640.1
-52.5°	1462.4	1387.0	1311.6	1234.9	1149.7	1056.6	960.8	867.3	766.5	665.9	571.0
-55°	1322.4	1247.5	1173.2	1098.4	1023.4	938.5	852.2	763.6	673.4	581.6	499.1
-57.5°	1153.7	1085.6	1022.2	958.6	895.5	815.7	731.9	650.6	574.5	496.2	424.1
-60°	980.1	922.4	865.1	805.6	744.4	676.0	604.2	535.6	470.8	412.6	354.5
-62.5°	795.2	742.5	693.7	643.0	589.6	532.6	477.2	429.3	381.5	331.6	276.8
-65°	612.3	568.9	526.0	488.4	451.5	415.0	373.5	329.0	283.4	238.6	193.4
-67.5°	445.8	414.7	385.4	356.6	325.2	291.7	253.7	215.5	185.0	156.5	125.0
-70°	289.5	264.9	240.2	215.1	193.9	174.8	153.4	130.4	106.2	89.2	74.9
-72.5°	159.2	145.4	131.4	117.4	102.2	92.4	83.4	73.0	62.0	50.3	41.8
-75°	78.9	73.4	67.7	62.1	55.7	48.7	44.8	42.1	39.4	36.8	34.1
-77.5°	43.5	42.3	41.0	39.7	38.2	36.5	34.6	32.7	31.1	29.6	28.0
-80°	33.0	32.4	31.5	30.4	29.2	27.9	26.6	25.5	24.5	23.6	22.8
-82.5°	25.1	24.4	23.8	23.1	22.5	21.9	21.4	20.7	20.0	19.2	18.4
-85°	18.7	18.5	18.3	18.1	17.9	17.7	17.5	17.0	16.5	16.1	15.7
-87.5°	15.1	14.7	14.3	14.2	14.2	14.1	14.1	14.0	13.8	13.7	13.5
-90°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6



REPORT NUMBER: P1306257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.8	10.4	10.0	9.6	9.6	9.6	9.6	9.6	9.2	8.8	8.4
87.5°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.6
85°	2.0	2.4	2.8	3.2	3.2	3.2	3.2	3.2	3.5	3.8	3.9
82.5°	2.1	2.4	2.8	3.2	3.5	3.6	3.7	3.6	3.8	4.0	4.3
80°	2.9	2.9	3.0	3.3	3.7	4.1	4.3	4.3	4.3	4.3	4.5
77.5°	3.8	3.5	3.2	3.3	3.7	4.1	4.5	4.8	4.7	4.6	4.6
75°	4.8	4.5	4.2	4.0	4.0	4.1	4.5	4.8	4.8	4.8	4.7
72.5°	4.8	4.8	4.8	4.8	4.5	4.5	4.6	4.8	4.8	4.8	4.8
70°	7.5	5.3	4.8	4.8	4.8	4.8	4.7	4.9	4.8	4.8	4.8
67.5°	12.2	8.6	6.1	5.0	4.8	4.8	4.8	5.0	5.0	4.8	4.8
65°	21.3	13.8	7.9	6.5	5.4	4.8	4.8	5.1	5.3	5.1	4.8
62.5°	27.5	20.7	13.6	8.9	6.5	5.5	4.8	5.2	5.6	5.5	5.1
60°	30.4	24.0	18.9	13.7	9.0	6.3	5.5	5.3	5.6	5.9	5.5
57.5°	28.1	25.7	21.9	17.5	12.6	8.2	6.2	5.8	5.7	6.1	6.0
55°	24.0	22.5	23.4	20.3	15.6	10.8	7.5	6.4	5.9	6.1	6.4
52.5°	18.9	20.2	22.4	22.0	18.0	13.3	9.8	7.1	6.5	6.2	6.6
50°	15.1	18.1	21.4	22.4	20.2	15.8	11.8	8.7	7.1	6.4	6.6
47.5°	14.0	16.9	19.8	22.8	21.7	18.2	13.9	10.2	7.7	6.9	6.7
45°	15.4	16.6	18.9	21.6	23.6	20.1	16.0	11.5	8.8	7.5	6.8
42.5°	18.8	19.1	19.1	20.6	23.2	21.7	18.1	13.3	9.8	8.1	7.1
40°	27.1	24.1	21.0	22.7	23.1	23.3	19.5	15.0	10.6	8.8	7.7
37.5°	37.7	32.7	26.9	28.4	25.2	23.9	20.9	16.7	11.9	9.8	8.2
35°	72.9	44.7	45.8	42.3	33.2	25.1	22.1	18.1	13.9	10.7	8.8
32.5°	118.2	86.0	84.6	65.2	44.0	26.9	23.5	20.0	15.8	11.5	9.4
30°	194.0	178.6	140.7	94.3	60.7	36.9	26.0	22.2	17.8	12.4	10.1
27.5°	313.5	288.9	217.3	146.1	88.5	50.1	30.6	24.4	19.8	13.5	10.8
25°	434.4	403.1	323.5	214.6	120.2	77.7	36.3	26.8	21.7	15.1	11.4
22.5°	555.2	514.3	441.3	293.7	168.2	113.3	50.7	31.2	23.6	16.7	12.0
20°	670.6	624.7	559.6	359.7	226.6	155.7	76.8	36.2	25.5	18.2	12.6
17.5°	804.6	708.8	610.9	429.3	284.7	198.1	106.8	41.5	27.5	19.7	13.2
15°	1010.8	759.2	657.3	491.2	335.0	240.4	139.9	47.2	29.4	21.1	13.7
12.5°	1198.1	806.2	703.1	545.5	378.1	282.0	175.0	53.1	31.3	22.3	14.2
10°	1373.3	849.7	747.5	592.5	415.0	322.6	210.8	59.0	33.7	23.2	14.6
7.5°	1532.0	889.6	789.6	632.3	443.7	349.2	235.0	65.0	36.2	24.0	15.0
5°	1657.0	921.2	824.3	660.6	454.7	359.2	254.1	70.6	38.7	24.7	15.4
2.5°	1698.4	941.3	851.9	682.6	463.3	366.0	269.3	75.6	41.1	25.2	15.7
0°	1707.2	957.7	874.4	698.3	469.3	370.0	280.3	80.1	43.2	25.6	16.0
-2.5°	1698.8	959.5	875.4	711.7	487.7	381.3	290.2	99.8	56.9	33.4	19.7
-5°	1660.2	958.4	871.9	718.5	502.8	390.5	296.3	118.5	70.0	40.8	23.3
-7.5°	1557.5	945.4	859.9	717.6	514.0	397.4	299.1	135.8	82.2	47.7	26.7
-10°	1425.1	923.6	837.4	702.4	521.3	405.9	300.2	151.3	93.2	53.9	29.7
-12.5°	1275.3	898.8	815.1	685.2	526.0	415.6	302.9	164.6	102.7	59.3	32.3
-15°	1111.7	871.1	794.4	667.5	528.3	423.1	302.7	175.3	110.7	64.5	34.3
-17.5°	943.4	840.4	776.4	650.5	528.5	428.3	299.9	183.5	117.4	69.7	36.7
-20°	911.3	827.5	759.8	635.4	526.9	431.4	294.7	188.8	122.7	73.5	39.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	903.6	831.6	746.6	627.8	525.0	432.2	287.3	191.0	126.4	76.0	40.4
-25°	895.5	836.6	732.7	618.8	522.9	419.5	283.2	189.9	128.6	77.0	40.8
-27.5°	896.2	835.4	714.9	604.0	511.0	404.9	281.0	191.4	129.3	76.3	40.1
-30°	902.0	811.8	693.9	584.7	494.8	380.8	274.5	191.0	128.3	75.1	38.2
-32.5°	896.0	784.3	666.4	563.6	468.2	355.5	260.8	188.4	125.1	73.0	37.1
-35°	856.3	747.1	632.7	537.5	437.7	335.6	246.3	183.7	119.6	69.1	35.7
-37.5°	812.3	702.3	599.4	505.5	406.5	313.2	234.8	172.4	111.7	63.5	33.4
-40°	760.7	657.8	562.7	470.9	378.0	288.4	220.3	158.3	103.2	56.1	30.4
-42.5°	706.8	614.9	523.6	435.5	348.3	269.1	202.9	142.0	91.5	50.3	26.5
-45°	657.5	568.6	480.7	398.0	317.2	246.6	182.2	124.0	78.0	44.9	23.5
-47.5°	604.1	517.6	435.7	357.6	288.0	220.8	158.9	107.0	63.2	38.3	22.5
-50°	544.4	464.4	388.8	319.1	254.5	191.7	134.4	88.3	54.1	30.4	21.4
-52.5°	485.5	410.5	342.7	279.5	217.9	159.8	111.2	68.9	44.1	26.6	20.1
-55°	423.2	357.6	296.6	236.0	178.4	129.9	86.2	56.5	33.4	24.7	18.7
-57.5°	362.4	304.3	245.2	188.8	140.6	98.8	66.8	43.2	28.9	22.6	18.2
-60°	298.3	242.6	189.4	144.1	103.4	72.5	50.5	32.7	26.2	20.6	17.6
-62.5°	225.0	178.5	138.9	100.2	73.2	52.7	35.8	29.2	23.2	19.7	16.9
-65°	157.2	122.0	89.2	69.3	50.2	36.3	31.3	25.5	21.6	18.8	16.2
-67.5°	94.3	77.2	60.1	42.9	35.7	31.2	26.6	23.3	20.4	17.8	15.4
-70°	60.1	45.2	38.1	34.2	30.1	26.4	24.1	21.6	19.0	16.7	14.5
-72.5°	38.5	35.1	31.6	28.2	26.0	23.9	22.0	19.9	17.6	15.5	13.6
-75°	31.2	28.9	26.8	24.8	23.0	21.3	19.8	18.2	16.2	14.3	12.7
-77.5°	26.2	24.5	22.9	21.6	20.3	19.0	17.7	16.3	14.7	13.3	11.9
-80°	21.7	20.7	19.8	18.9	17.8	16.7	15.8	14.9	13.6	12.3	11.0
-82.5°	17.7	17.3	16.8	16.2	15.5	14.8	14.2	13.6	12.4	11.2	10.2
-85°	15.2	14.7	14.1	13.5	13.1	12.8	12.6	12.3	11.3	10.4	9.6
-87.5°	13.0	12.5	11.9	11.4	11.3	11.2	11.1	10.9	10.3	9.6	9.0
-90°	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.2	3.2	3.2	3.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.0	7.6	7.2	6.8	6.4	5.6	4.8
87.5°	3.6	3.9	4.1	4.5	4.8	4.8	4.8
85°	4.0	4.1	4.3	4.5	4.8	4.9	4.8
82.5°	4.4	4.4	4.4	4.6	4.8	4.9	4.8
80°	4.8	4.6	4.6	4.6	4.8	4.9	4.8
77.5°	4.8	4.8	4.7	4.7	4.8	5.0	4.8
75°	4.8	4.9	4.8	4.7	4.8	5.0	4.8
72.5°	4.9	5.0	5.0	4.8	4.8	5.1	4.8
70°	4.9	5.2	5.1	4.8	4.9	5.1	4.8
67.5°	5.0	5.3	5.3	5.0	4.9	5.1	4.8
65°	5.0	5.4	5.4	5.1	4.9	5.2	4.8
62.5°	5.1	5.4	5.6	5.3	5.0	5.2	4.8
60°	5.1	5.5	5.8	5.5	5.0	5.3	4.8
57.5°	5.5	5.5	5.8	5.6	5.1	5.3	4.8
55°	5.9	5.6	5.9	5.8	5.3	5.3	4.8
52.5°	6.3	5.6	5.9	6.0	5.4	5.4	4.8
50°	6.7	6.0	6.0	6.2	5.5	5.4	4.8
47.5°	7.0	6.3	6.0	6.3	5.6	5.5	4.8
45°	7.1	6.6	6.1	6.3	5.7	5.5	4.8
42.5°	7.2	6.9	6.1	6.4	5.8	5.6	4.8
40°	7.2	7.2	6.3	6.4	5.9	5.6	4.8
37.5°	7.3	7.5	6.5	6.5	6.0	5.7	4.8
35°	7.4	7.6	6.7	6.5	6.1	5.7	4.8
32.5°	7.6	7.7	6.9	6.6	6.1	5.8	4.8
30°	8.1	7.8	7.1	6.6	6.2	5.8	4.8
27.5°	8.6	7.9	7.3	6.7	6.2	5.9	4.8
25°	9.0	7.9	7.5	6.8	6.3	5.9	4.8
22.5°	9.5	8.0	7.6	6.9	6.3	6.0	4.8
20°	10.0	8.1	7.7	7.0	6.3	6.0	4.8
17.5°	10.4	8.3	7.8	7.2	6.4	6.1	4.8
15°	10.9	8.5	7.9	7.3	6.4	6.1	4.8
12.5°	11.3	8.6	7.9	7.4	6.4	6.2	4.8
10°	11.6	8.8	8.0	7.5	6.4	6.2	4.8
7.5°	12.0	9.0	8.0	7.7	6.4	6.3	4.8
5°	12.3	9.2	8.0	7.8	6.4	6.3	4.8
2.5°	12.6	9.4	8.0	7.9	6.4	6.4	4.8
0°	12.8	9.6	8.0	8.0	6.4	6.4	4.8
-2.5°	14.1	10.1	8.3	8.1	6.5	6.4	4.8
-5°	15.3	10.6	8.6	8.2	6.5	6.5	4.8
-7.5°	16.4	11.1	8.8	8.3	6.6	6.5	4.8
-10°	17.4	11.5	9.1	8.3	6.7	6.5	4.8
-12.5°	18.2	11.9	9.3	8.4	6.7	6.5	4.8
-15°	19.0	12.3	9.6	8.5	6.8	6.6	4.8
-17.5°	19.5	12.6	9.8	8.5	6.9	6.6	4.8
-20°	20.1	12.8	9.9	8.5	6.9	6.6	4.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.9	13.0	10.1	8.6	7.0	6.6	4.8
-25°	21.2	13.3	10.2	8.6	7.1	6.6	4.8
-27.5°	21.0	13.4	10.3	8.6	7.1	6.6	4.8
-30°	20.4	13.5	10.4	8.6	7.2	6.6	4.8
-32.5°	19.2	13.5	10.5	8.5	7.3	6.6	4.8
-35°	18.7	13.4	10.6	8.5	7.3	6.6	4.8
-37.5°	18.5	13.3	10.6	8.5	7.4	6.6	4.8
-40°	18.2	13.3	10.6	8.4	7.4	6.5	4.8
-42.5°	17.7	13.3	10.6	8.4	7.5	6.5	4.8
-45°	17.1	13.3	10.6	8.3	7.5	6.5	4.8
-47.5°	16.3	13.2	10.5	8.3	7.6	6.5	4.8
-50°	16.0	13.0	10.4	8.3	7.6	6.4	4.8
-52.5°	15.8	12.9	10.3	8.4	7.7	6.4	4.8
-55°	15.5	12.6	10.2	8.5	7.7	6.4	4.8
-57.5°	15.1	12.4	10.0	8.5	7.8	6.3	4.8
-60°	14.7	12.0	9.8	8.5	7.8	6.3	4.8
-62.5°	14.2	11.7	9.7	8.5	7.7	6.2	4.8
-65°	13.7	11.3	9.5	8.4	7.6	6.2	4.8
-67.5°	13.1	10.9	9.4	8.4	7.5	6.2	4.8
-70°	12.5	10.6	9.2	8.3	7.4	6.1	4.8
-72.5°	11.8	10.2	9.0	8.2	7.3	6.0	4.8
-75°	11.2	9.8	8.8	8.0	7.2	6.0	4.8
-77.5°	10.4	9.3	8.5	7.8	7.1	5.9	4.8
-80°	9.7	8.9	8.3	7.6	6.9	5.9	4.8
-82.5°	9.2	8.6	8.0	7.4	6.8	5.8	4.8
-85°	8.8	8.3	7.7	7.2	6.7	5.7	4.8
-87.5°	8.4	7.9	7.5	7.0	6.5	5.7	4.8
-90°	3.2	3.6	4.0	4.4	4.8	4.8	4.8

(END OF REPORT)