

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: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-80-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-80-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

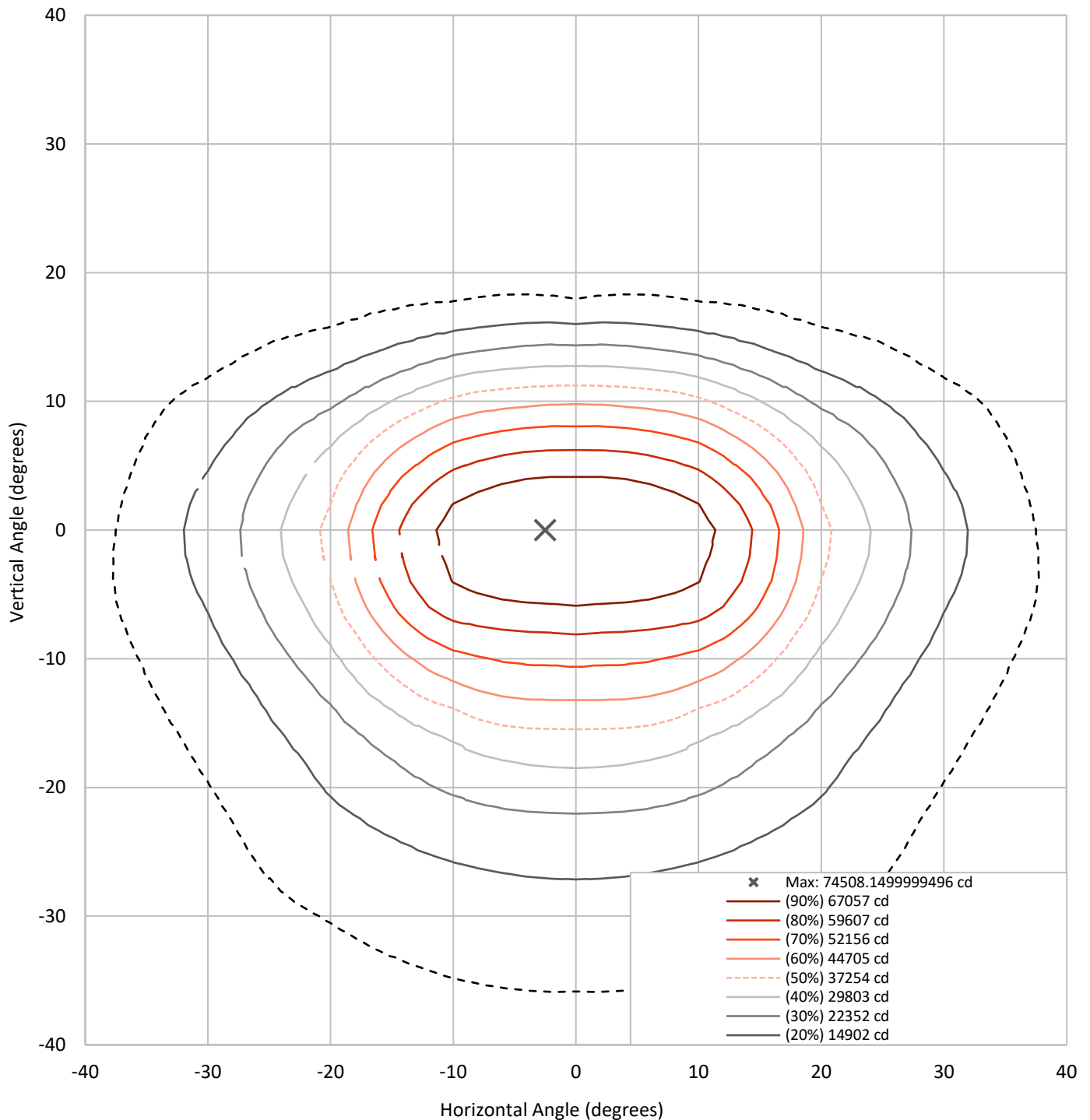
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	29524.3 lumens	Max Intensity:	74508.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	88.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	14632.9 lumens	Field Lumens:	26466.3 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%

Input Watts (W): 334
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





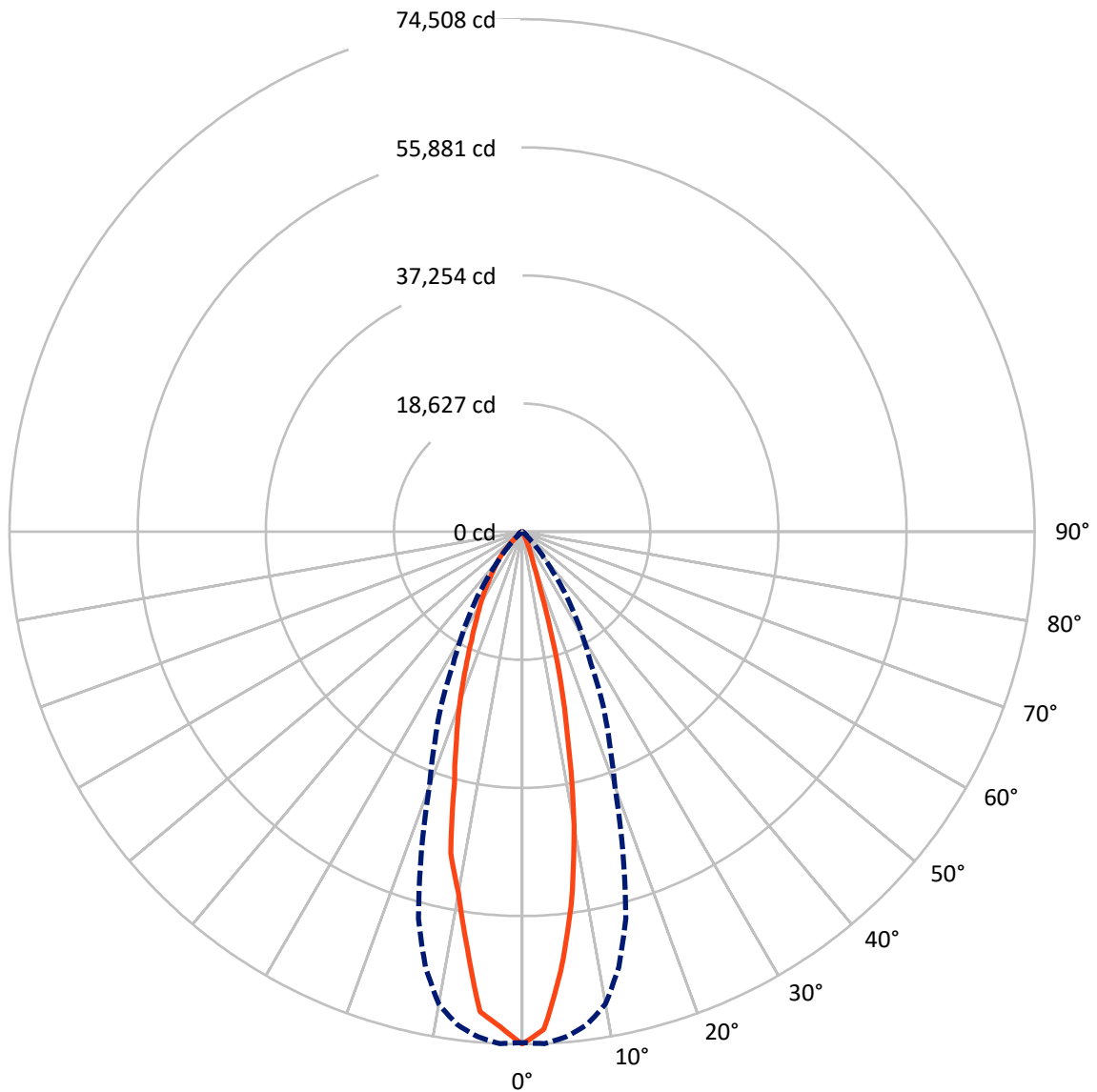
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Lumen Table

90																			
80	0.1	0.3		0.5		0.5		0.3		0.5		0.5		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.2	0.1				
50	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1			
40		0.1	0.3	0.5	1.1	2.5	3.8	5.2	5.2	3.8	2.5	1.1	0.5	0.3	0.1				
30	0.1	0.2	0.8	2.1	9.5	21.8	40.9	58.0	58.0	40.9	21.8	9.5	2.1	0.8	0.2	0.1			
20		0.5	2.9	12.9	75.0	199.3	409.5	606.2	606.2	409.5	199.3	75.0	12.9	2.9	0.5				
10	0.2	0.9	6.2	38.8	219.5	625.4	1344.1	1851.5	1851.5	1344.1	625.4	219.5	38.8	6.2	0.9	0.2			
0		1.3	7.6	48.1	250.7	684.1	1502.6	1996.1	1996.1	1502.6	684.1	250.7	48.1	7.6	1.3				
-10	0.2	1.4	6.8	30.8	159.4	411.0	832.9	1159.7	1159.7	832.9	411.0	159.4	30.8	6.8	1.4	0.2			
-20		1.3	5.7	14.3	83.9	234.8	410.5	531.2	531.2	410.5	234.8	83.9	14.3	5.7	1.3				
-30	0.2	1.0	4.3	9.4	28.0	106.9	190.7	243.0	243.0	190.7	106.9	28.0	9.4	4.3	1.0	0.2			
-40		0.6	2.7	7.0	12.7	23.0	50.4	74.1	74.1	50.4	23.0	12.7	7.0	2.7	0.6				
-50	0.1	0.3	1.3	3.7	7.5	11.8	15.1	17.0	17.0	15.1	11.8	7.5	3.7	1.3	0.3	0.1			
-60		0.1	0.5	1.3	2.6	4.4	6.3	7.3	7.3	6.3	4.4	2.6	1.3	0.5	0.1				
-70	0.1	0.4		1.4		3.5		4.7		3.5		1.4		0.4		0.1			
-80		0.4		1.4		3.5		4.7		3.5		1.4		0.4					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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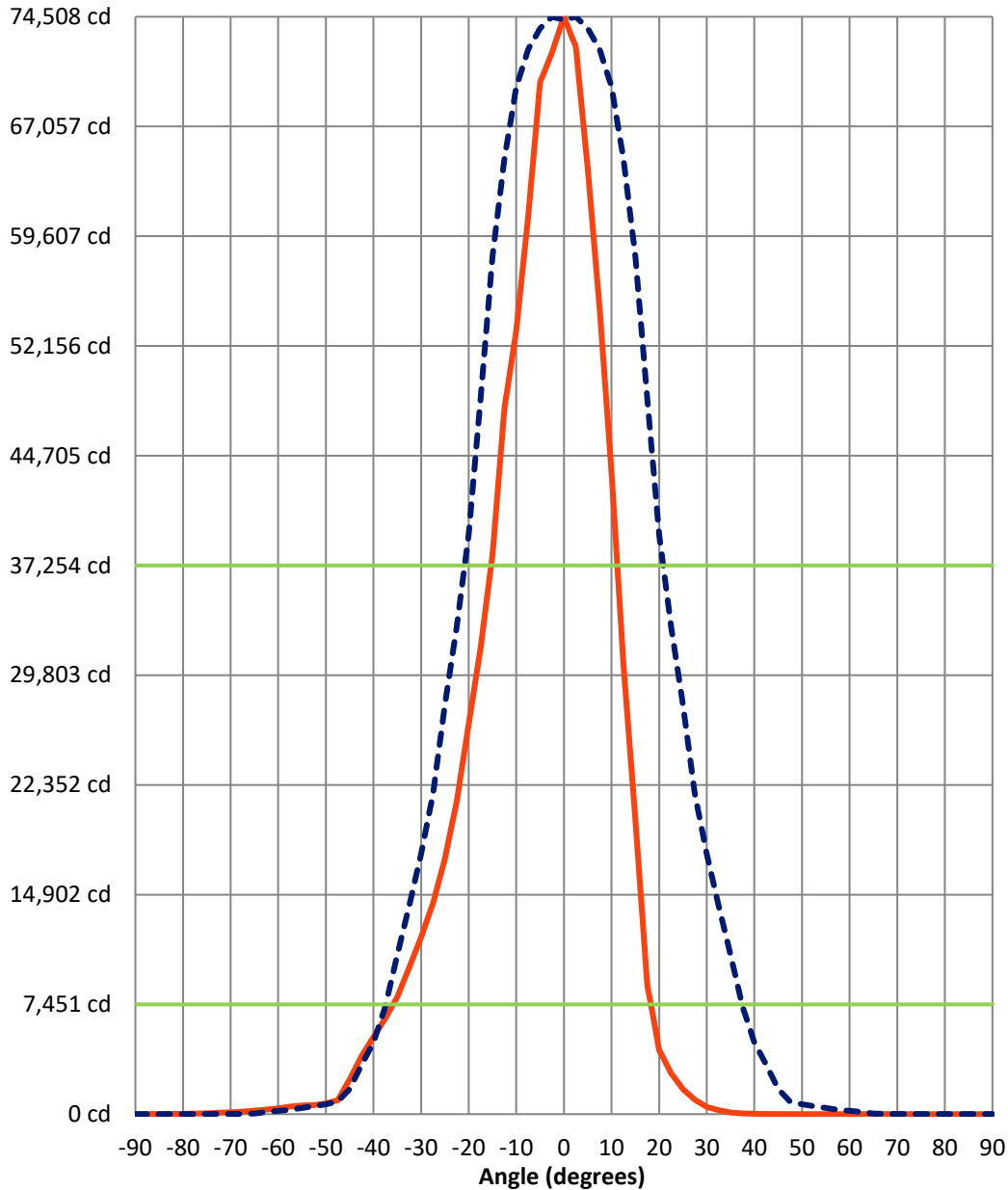
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 14632.9
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 26466.3
 Efficiency: 89.6%

Spill:
 Lumens: 3058
 Efficiency: 10.4%

— Vertical Distribution through -2.5-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8	4.7	4.6	4.5
85°	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.0	4.9	4.7	4.5
82.5°	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.3	5.1	4.9	4.8
80°	4.5	4.6	4.9	5.1	5.3	5.5	5.7	5.5	5.3	5.3	5.3
77.5°	4.5	4.6	5.0	5.3	5.5	5.7	5.7	5.6	5.5	5.6	5.7
75°	4.5	4.6	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
72.5°	4.5	4.7	5.2	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
70°	4.5	4.7	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
67.5°	4.5	4.7	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	4.5	4.7	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	4.5	4.7	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
52.5°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
50°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.8	5.7	5.7	6.0
47.5°	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.8	5.7	5.7	6.4
45°	4.5	4.8	5.5	5.7	5.7	5.7	5.8	5.9	5.8	6.0	6.8
42.5°	4.5	4.8	5.5	5.7	5.7	5.7	5.9	6.1	5.9	6.3	7.2
40°	4.5	4.8	5.5	5.7	5.7	5.7	6.0	6.2	6.2	6.6	7.5
37.5°	4.5	4.8	5.5	5.7	5.7	5.7	6.2	6.4	6.6	7.1	7.8
35°	4.5	4.8	5.5	5.7	5.7	5.8	6.3	6.6	7.0	7.6	8.0
32.5°	4.5	4.8	5.5	5.7	5.7	5.9	6.5	6.8	7.3	8.1	8.7
30°	4.5	4.8	5.5	5.7	5.7	6.0	6.7	7.1	7.7	8.6	9.6
27.5°	4.5	4.7	5.6	5.7	5.7	6.1	6.8	7.4	8.1	9.2	10.5
25°	4.5	4.7	5.6	5.7	5.7	6.3	7.0	7.7	8.6	10.0	11.7
22.5°	4.5	4.7	5.6	5.7	5.7	6.4	7.2	8.0	9.1	10.8	13.7
20°	4.5	4.7	5.6	5.7	5.7	6.5	7.5	8.3	9.6	11.7	16.0
17.5°	4.5	4.7	5.6	5.7	5.7	6.5	7.6	8.5	10.0	12.7	18.6
15°	4.5	4.7	5.6	5.7	5.7	6.6	7.7	8.7	10.5	13.7	21.3
12.5°	4.5	4.6	5.7	5.7	5.7	6.7	7.7	8.8	10.9	14.7	24.0
10°	4.5	4.6	5.7	5.7	5.7	6.7	7.8	8.9	11.3	16.0	27.1
7.5°	4.5	4.6	5.7	5.7	5.7	6.8	7.8	8.9	11.6	17.5	30.7
5°	4.5	4.6	5.7	5.7	5.7	6.8	7.9	9.0	11.9	18.9	34.3
2.5°	4.5	4.5	5.7	5.7	5.7	6.8	7.9	9.0	12.2	20.2	37.6
0°	4.5	4.5	5.7	5.7	5.7	6.8	7.9	9.0	12.4	21.5	40.7
-2.5°	4.5	4.5	5.7	5.7	5.8	6.9	8.0	10.1	15.5	27.0	49.7
-5°	4.5	4.6	5.7	5.7	5.9	7.0	8.2	11.1	18.4	32.2	58.1
-7.5°	4.5	4.6	5.7	5.7	6.0	7.1	8.3	12.0	21.0	37.0	65.7
-10°	4.5	4.6	5.7	5.7	6.1	7.2	8.4	12.7	23.3	41.3	72.3
-12.5°	4.5	4.6	5.7	5.7	6.1	7.3	8.5	13.4	25.2	44.9	77.4
-15°	4.5	4.7	5.6	5.7	6.2	7.3	8.5	13.8	26.8	48.0	81.2
-17.5°	4.5	4.7	5.6	5.7	6.2	7.4	8.6	14.4	28.2	50.2	83.7
-20°	4.5	4.7	5.6	5.7	6.3	7.4	8.9	15.2	29.0	51.5	84.9



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 CATALOG NUMBER: EPH-08-320L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	4.7	5.6	5.7	6.3	7.4	9.4	15.7	29.2	51.8	84.7
-25°	4.5	4.7	5.6	5.7	6.3	7.5	9.7	16.0	28.9	51.1	83.0
-27.5°	4.5	4.7	5.6	5.7	6.3	7.5	9.9	16.0	27.9	49.8	82.0
-30°	4.5	4.8	5.5	5.7	6.2	7.4	9.8	15.7	27.3	48.5	79.6
-32.5°	4.5	4.8	5.5	5.7	6.2	7.4	9.5	15.6	26.8	46.4	75.8
-35°	4.5	4.8	5.5	5.7	6.1	7.2	9.3	15.3	26.0	43.4	70.4
-37.5°	4.5	4.8	5.5	5.7	6.0	7.0	9.2	14.6	24.7	39.4	63.1
-40°	4.5	4.8	5.5	5.7	5.9	6.9	8.9	13.6	23.0	36.7	56.2
-42.5°	4.5	4.8	5.5	5.7	5.9	6.8	8.5	12.2	21.3	33.4	48.8
-45°	4.5	4.8	5.5	5.7	5.9	6.7	8.1	11.0	19.2	29.6	41.4
-47.5°	4.5	4.8	5.5	5.8	6.0	6.6	7.6	10.3	16.7	25.5	36.7
-50°	4.5	4.8	5.5	5.8	6.0	6.4	7.3	9.6	13.5	21.8	31.6
-52.5°	4.5	4.8	5.5	5.8	6.0	6.3	7.2	8.7	11.7	17.9	26.2
-55°	4.5	4.8	5.5	5.8	6.1	6.3	7.0	7.8	10.4	13.8	21.5
-57.5°	4.5	4.8	5.5	5.8	6.1	6.3	6.8	7.6	9.2	11.8	16.7
-60°	4.5	4.8	5.5	5.8	6.1	6.3	6.6	7.3	8.1	10.3	12.7
-62.5°	4.5	4.7	5.5	5.8	6.1	6.4	6.6	7.1	7.8	8.8	11.0
-65°	4.5	4.7	5.4	5.8	6.0	6.4	6.7	6.9	7.5	8.2	9.3
-67.5°	4.5	4.7	5.3	5.7	5.9	6.4	6.7	6.9	7.2	7.9	8.5
-70°	4.5	4.7	5.3	5.7	5.9	6.2	6.7	6.9	7.1	7.5	8.1
-72.5°	4.5	4.7	5.2	5.6	5.8	6.1	6.5	6.8	7.0	7.3	7.7
-75°	4.5	4.6	5.1	5.4	5.7	5.9	6.3	6.6	6.8	7.0	7.3
-77.5°	4.5	4.6	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9
-80°	4.5	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
-82.5°	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	6.0
-85°	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-87.5°	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82.5°	4.9	4.8	4.7	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.6
80°	5.3	5.1	5.0	4.9	5.0	5.2	5.3	5.5	5.4	5.2	4.9
77.5°	5.5	5.4	5.4	5.5	5.7	5.7	5.7	5.7	5.5	5.2	4.9
75°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.0	5.9	5.8
72.5°	5.7	5.7	5.7	5.7	5.7	5.9	6.2	6.6	6.8	6.8	6.7
70°	5.7	5.7	5.7	5.7	5.8	6.1	6.7	7.3	7.6	7.8	8.3
67.5°	5.7	5.7	5.7	5.8	6.2	6.8	7.4	8.5	9.8	10.4	11.1
65°	5.7	5.7	5.8	6.2	6.7	7.5	8.7	10.2	13.2	14.9	15.6
62.5°	5.7	5.8	6.1	6.6	7.3	8.3	10.5	13.9	18.1	20.5	20.3
60°	5.7	5.8	6.4	7.1	7.9	9.7	12.9	17.3	23.0	27.1	24.5
57.5°	5.7	6.1	6.8	7.8	9.1	10.7	14.7	20.2	25.9	32.0	27.4
55°	5.9	6.5	7.5	8.9	10.2	11.5	15.4	20.3	26.6	30.1	25.5
52.5°	6.3	7.0	8.4	9.8	11.0	11.9	13.7	18.4	21.8	24.3	21.8
50°	6.7	7.8	9.2	10.4	11.3	11.3	10.8	14.3	17.0	17.9	17.7
47.5°	7.3	8.6	9.6	10.7	10.8	10.6	9.5	11.2	13.1	14.0	13.4
45°	7.8	9.0	10.0	10.4	10.6	10.1	9.8	9.3	11.4	11.8	11.3
42.5°	8.3	9.4	10.1	10.2	10.7	10.8	10.8	10.5	10.8	11.0	10.9
40°	8.6	9.7	10.3	11.2	11.4	12.3	13.1	13.0	11.0	12.2	12.4
37.5°	8.9	10.0	11.2	13.5	13.2	14.8	16.0	17.6	16.1	15.0	16.9
35°	9.1	10.4	14.2	17.0	17.1	18.1	22.0	24.0	22.7	21.5	23.7
32.5°	9.4	11.0	18.2	21.1	22.7	24.3	29.9	30.9	32.0	32.5	34.3
30°	10.4	14.7	22.8	25.7	29.2	35.3	38.3	39.2	43.3	48.9	64.0
27.5°	12.6	19.5	27.1	31.7	37.3	47.7	51.6	52.1	59.0	73.5	109.7
25°	15.2	30.8	31.8	38.5	49.0	61.5	69.5	77.3	79.9	123.5	210.0
22.5°	21.3	45.4	50.5	45.9	61.5	77.5	94.6	116.5	149.7	199.9	328.2
20°	32.1	61.3	73.8	77.0	80.9	95.7	123.8	167.9	271.4	450.1	620.6
17.5°	44.5	79.7	99.9	116.3	134.7	140.6	158.9	229.2	425.0	806.9	1253.6
15°	58.1	100.0	128.0	160.2	194.2	220.3	258.5	368.4	684.1	1299.6	2066.7
12.5°	72.6	121.8	157.8	207.7	258.0	304.8	376.5	611.4	1142.6	1996.2	3159.9
10°	87.3	144.5	188.6	257.7	325.0	392.7	498.8	889.5	1684.6	2738.6	4155.9
7.5°	103.5	166.7	219.2	308.9	393.6	482.5	623.0	1188.7	2246.0	3424.4	5018.6
5°	119.4	187.5	246.4	350.0	449.8	560.3	735.8	1492.1	2803.0	4049.9	5800.7
2.5°	134.0	207.0	272.5	387.4	496.1	617.2	797.7	1617.2	3123.7	4511.6	6571.7
0°	146.9	224.9	297.2	421.6	539.1	670.2	852.2	1707.8	3344.3	4865.6	7323.8
-2.5°	152.5	231.7	309.5	432.0	537.4	661.8	852.5	1737.8	3533.4	5286.0	7703.6
-5°	155.9	236.6	319.3	438.8	533.0	649.2	844.2	1724.5	3564.4	5383.2	7553.6
-7.5°	157.4	239.3	326.3	440.2	522.2	624.4	806.4	1598.6	3226.6	4937.4	6850.1
-10°	156.9	238.6	323.4	426.5	502.3	591.4	756.0	1432.6	2835.4	4434.3	6102.3
-12.5°	154.1	234.8	317.1	411.4	482.9	556.7	698.0	1228.3	2406.7	3888.9	5386.5
-15°	150.1	229.4	308.6	395.7	465.0	521.0	632.7	987.0	1959.8	3399.7	4811.7
-17.5°	145.1	222.6	298.2	379.9	449.3	484.9	562.9	745.6	1560.2	2875.6	4233.0
-20°	139.3	214.6	285.9	364.7	434.8	461.3	525.8	672.2	1233.6	2291.6	3604.8



REPORT NUMBER: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	133.1	205.3	273.0	348.8	413.8	448.9	493.3	594.6	879.7	1652.2	2926.3
-25°	129.2	195.5	260.5	327.9	392.9	437.2	460.0	520.1	665.1	1246.7	2210.6
-27.5°	126.7	185.8	243.5	305.3	372.2	422.6	441.4	482.7	584.6	826.1	1537.8
-30°	122.2	170.9	225.1	282.3	347.0	399.4	429.6	453.9	515.3	647.6	1054.8
-32.5°	113.1	155.0	206.7	260.7	319.1	377.3	420.7	444.1	483.9	552.3	689.1
-35°	102.4	141.9	187.8	237.7	290.3	350.1	401.1	439.8	458.5	505.7	593.4
-37.5°	92.4	127.8	168.0	214.7	264.1	319.2	378.7	422.3	453.5	475.1	537.7
-40°	81.5	112.9	150.6	192.4	237.6	288.1	343.4	397.3	438.8	474.8	502.6
-42.5°	70.1	99.8	133.4	169.3	211.9	257.6	306.4	360.2	413.7	462.3	499.9
-45°	61.3	85.7	115.7	149.2	185.5	226.7	271.6	318.5	374.3	430.3	478.9
-47.5°	52.0	71.9	99.1	127.8	160.4	196.6	235.9	280.1	327.2	381.3	438.4
-50°	43.3	61.1	81.1	107.6	135.8	167.1	201.9	240.7	283.0	327.9	377.5
-52.5°	37.0	49.8	67.2	87.3	112.2	139.1	169.4	202.7	239.3	277.6	317.9
-55°	30.3	41.2	53.8	70.3	89.5	112.7	138.2	167.3	196.6	230.6	261.5
-57.5°	24.2	33.1	43.1	55.0	70.6	87.5	109.9	133.0	159.3	185.9	208.7
-60°	18.4	25.7	34.1	43.2	53.3	67.9	82.9	102.1	123.4	143.8	163.3
-62.5°	13.2	19.1	25.9	33.3	41.6	50.0	62.3	75.9	89.4	106.5	122.3
-65°	11.3	13.6	18.5	24.7	31.0	38.9	46.7	54.1	65.5	76.6	86.9
-67.5°	9.3	11.2	13.3	16.5	22.1	28.6	35.1	42.0	48.6	54.3	60.7
-70°	8.6	8.9	10.4	12.4	14.9	18.9	24.7	30.5	36.1	41.6	46.7
-72.5°	8.1	8.4	8.7	9.0	11.0	13.7	16.7	19.9	23.9	28.3	32.8
-75°	7.6	7.9	8.1	8.4	9.0	10.0	11.4	14.0	16.5	18.7	20.8
-77.5°	7.1	7.3	7.5	7.7	8.1	8.8	9.6	10.6	11.8	13.2	14.5
-80°	6.6	6.8	7.0	7.1	7.4	7.7	8.1	8.6	9.3	10.3	11.3
-82.5°	6.1	6.2	6.4	6.5	6.6	6.7	6.8	7.1	7.4	7.8	8.3
-85°	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3	6.3
-87.5°	5.1	5.1	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P1305491 (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°
90°	4.5	4.8	5.1	5.4	5.7	6.5	7.3	8.2	9.0	8.7	8.4
87.5°	4.5	4.2	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.7
85°	4.5	4.4	4.4	4.3	4.3	4.1	3.8	3.6	3.3	2.8	2.2
82.5°	4.5	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4	2.8	2.3
80°	4.5	4.5	4.5	4.5	4.5	4.3	4.0	3.7	3.4	2.9	2.3
77.5°	4.7	4.7	4.7	4.7	4.5	4.3	4.0	3.7	3.4	2.9	2.3
75°	5.7	5.5	5.3	5.0	4.6	4.3	4.0	3.7	3.5	3.1	2.8
72.5°	6.6	6.4	6.0	5.8	5.5	5.3	5.1	4.8	4.4	4.1	3.9
70°	8.7	8.9	8.7	8.3	7.6	6.9	6.5	6.0	5.6	5.1	4.6
67.5°	11.8	11.8	11.2	10.3	8.9	7.7	7.1	6.5	6.0	5.6	5.6
65°	15.4	14.1	12.7	11.1	9.4	7.8	7.2	6.6	6.0	5.7	5.7
62.5°	18.8	15.2	12.2	10.3	8.9	7.8	7.0	6.2	5.4	4.8	4.7
60°	20.2	14.4	10.3	9.0	7.9	6.9	6.1	5.4	4.9	4.5	4.2
57.5°	20.2	13.6	8.7	7.6	6.7	5.9	5.5	5.2	4.8	4.5	4.1
55°	18.4	12.2	7.2	6.5	6.2	5.9	5.6	5.2	4.9	4.5	4.2
52.5°	15.0	10.7	7.7	6.6	6.3	6.0	5.7	5.3	4.9	4.6	4.2
50°	13.1	9.8	7.8	6.7	6.4	6.1	5.7	5.6	5.6	5.4	5.1
47.5°	11.3	9.0	7.7	6.9	6.7	7.2	7.5	7.6	7.5	7.2	6.9
45°	9.9	8.6	8.0	8.4	8.7	9.4	9.8	9.9	9.9	9.9	9.8
42.5°	9.8	9.8	10.5	11.6	11.5	13.0	13.8	12.1	13.9	14.9	14.0
40°	13.0	13.3	16.4	19.0	21.3	21.7	25.3	25.9	26.3	27.9	28.2
37.5°	19.0	22.3	32.0	39.2	42.3	42.6	47.9	49.0	47.5	54.0	55.9
35°	29.1	44.2	59.9	68.9	74.0	77.8	85.0	93.4	89.5	103.8	108.8
32.5°	52.3	79.9	108.3	107.3	116.9	142.7	152.3	167.4	183.3	207.5	234.0
30°	88.0	162.6	195.4	183.4	210.6	247.4	247.7	289.9	348.8	398.9	474.2
27.5°	198.3	281.8	324.8	344.0	364.6	411.1	468.7	522.5	672.4	774.8	882.6
25°	336.6	451.9	497.9	569.4	634.4	677.5	851.6	978.7	1194.1	1350.5	1512.4
22.5°	542.8	695.1	790.5	855.2	1074.0	1268.4	1454.5	1731.2	1945.2	2213.5	2415.6
20°	801.0	1006.7	1357.1	1632.1	1769.5	2182.5	2518.9	2805.0	3184.5	3517.2	3813.0
17.5°	1511.4	1626.9	2359.0	3075.5	3365.1	3899.1	4866.5	5231.5	6324.1	7124.1	7556.2
15°	2736.6	3295.6	4066.7	5261.1	6586.1	7632.7	8549.7	10427.6	12512.3	14360.3	16306.0
12.5°	4327.4	5420.7	6718.4	8179.4	10566.7	12461.0	14490.0	17173.7	20541.3	23472.3	26920.4
10°	5921.1	7768.4	9562.2	11838.8	14854.3	17779.1	20701.6	24952.1	29898.9	34648.3	38754.9
7.5°	7238.8	9743.1	12174.1	15321.5	19428.8	23503.8	27588.4	33210.3	39752.7	45173.3	49833.2
5°	8579.9	11716.2	14567.8	18197.8	23031.7	27994.8	33106.5	40116.4	47844.1	53982.1	58790.0
2.5°	9811.5	13365.3	16665.8	20713.4	26096.5	30952.5	36771.0	45376.7	54584.9	61206.4	66506.8
0°	10806.1	14136.8	17663.1	21736.4	27780.9	33133.6	39369.0	48597.3	58232.4	64848.2	69739.2
-2.5°	10592.0	13960.9	17257.9	21396.4	27464.7	32392.5	38705.1	47784.8	57304.3	64025.8	68418.7
-5°	9923.6	12905.4	15865.6	19752.4	25088.6	29890.5	36072.5	45405.6	54536.8	61391.1	66445.8
-7.5°	8935.3	11467.0	14151.9	17693.6	22338.5	26932.0	32308.9	39747.0	48269.6	54469.5	58133.3
-10°	7894.8	9990.9	12505.4	15498.4	19332.0	23457.7	27923.1	33881.6	41164.0	46601.1	50076.9
-12.5°	6982.7	8798.9	11042.0	13255.6	16383.4	20057.9	24023.1	28899.0	33704.3	39437.8	42442.7
-15°	6142.6	7656.4	9583.9	11706.4	14305.5	17193.5	20034.6	23685.5	26814.7	30396.1	32998.1
-17.5°	5439.6	6648.6	8356.5	10413.4	12370.5	14857.4	17568.6	20041.7	22687.3	25272.6	27430.4
-20°	4804.4	5801.9	7258.2	9069.2	10997.4	13112.1	15504.6	17517.6	19679.4	21644.0	23331.7



REPORT NUMBER: P1305491 (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°	4082.5	5094.0	6221.8	7771.3	9702.3	11598.2	13369.9	14891.2	16524.8	18112.3	19310.7
-25°	3331.1	4301.9	5381.7	6844.0	8425.8	10021.2	11275.9	12346.9	13622.1	14766.0	15794.4
-27.5°	2554.2	3589.3	4753.9	5975.3	7351.2	8364.9	9420.9	10389.6	11358.6	12128.2	12996.8
-30°	1775.7	2905.1	4050.5	5206.6	6149.0	6958.2	7745.7	8634.1	9510.9	10242.5	10855.5
-32.5°	1219.4	2034.1	3189.9	4264.9	5070.5	5758.3	6366.5	7124.0	7803.5	8405.6	8941.9
-35°	732.4	1306.3	2100.0	3121.6	4003.1	4672.2	5291.7	5866.1	6373.3	6880.4	7283.8
-37.5°	627.4	754.5	1236.0	1915.3	2754.2	3563.9	4200.5	4738.1	5210.7	5601.2	5943.5
-40°	565.0	640.2	745.4	977.2	1594.9	2213.4	2908.0	3520.9	4019.3	4386.1	4684.0
-42.5°	528.1	576.3	627.8	710.4	802.2	1095.8	1627.3	2135.0	2573.1	2979.4	3328.1
-45°	521.8	542.3	570.0	616.5	658.9	735.0	818.0	899.2	1243.8	1570.4	1838.3
-47.5°	482.8	524.4	549.8	570.7	592.9	628.8	663.9	701.5	764.2	823.1	873.6
-50°	425.7	470.5	508.9	546.5	566.2	580.8	595.2	613.9	638.4	660.8	681.3
-52.5°	355.7	398.8	441.9	481.9	513.2	542.0	567.9	579.9	589.1	597.5	604.1
-55°	293.6	327.6	361.6	398.1	434.3	468.7	498.4	518.0	535.6	551.3	564.6
-57.5°	235.0	261.6	289.2	318.9	347.8	375.5	401.9	426.1	447.5	466.1	481.8
-60°	182.1	200.0	223.1	246.6	269.1	290.4	311.8	331.3	349.0	364.5	376.6
-62.5°	136.6	151.5	169.0	185.6	200.4	216.3	236.3	253.1	266.8	277.9	287.7
-65°	98.1	110.5	124.6	138.6	152.3	165.9	179.9	193.4	206.2	216.5	223.8
-67.5°	69.7	78.5	88.4	97.0	107.3	119.2	131.8	143.4	154.0	161.3	165.7
-70°	51.4	56.5	63.7	72.0	80.6	88.5	96.5	104.6	112.5	118.1	122.3
-72.5°	37.5	42.6	47.8	53.2	59.0	64.8	70.7	76.6	82.6	86.3	88.8
-75°	22.7	25.7	30.3	34.8	39.1	43.2	47.0	50.6	54.0	55.7	56.8
-77.5°	16.3	18.4	20.6	23.0	25.4	27.8	30.2	32.6	34.9	36.0	36.8
-80°	12.4	13.6	14.9	16.2	17.6	19.1	20.6	22.1	23.6	23.8	23.8
-82.5°	8.8	9.7	10.6	11.4	12.3	13.1	13.8	14.6	15.3	15.5	15.6
-85°	6.4	6.9	7.4	8.0	8.6	9.2	9.8	10.4	11.1	11.1	11.2
-87.5°	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	7.9	7.9
-90°	4.5	4.2	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.7



REPORT NUMBER: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.2	7.9	7.9	7.9	7.9	7.9	8.2	8.4	8.7	9.0	8.2
87.5°	1.4	1.1	0.6	0.0	0.6	1.1	1.4	1.7	2.0	2.3	2.6
85°	1.7	1.1	1.1	1.1	1.1	1.1	1.7	2.2	2.8	3.3	3.6
82.5°	1.7	1.1	1.1	1.1	1.1	1.1	1.7	2.3	2.8	3.4	3.7
80°	1.7	1.1	1.1	1.1	1.1	1.1	1.7	2.3	2.9	3.4	3.7
77.5°	1.7	1.1	1.1	1.1	1.1	1.1	1.7	2.3	2.9	3.4	3.7
75°	2.6	2.3	1.7	1.1	1.7	2.3	2.6	2.8	3.1	3.5	3.7
72.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.9	4.1	4.4	4.8
70°	4.1	3.5	3.4	3.4	3.4	3.5	4.1	4.6	5.1	5.6	6.0
67.5°	5.6	5.6	5.1	4.5	5.1	5.6	5.6	5.6	5.6	6.0	6.5
65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.6
62.5°	4.6	4.6	4.5	4.5	4.5	4.6	4.6	4.7	4.8	5.4	6.2
60°	3.9	3.5	3.4	3.4	3.4	3.5	3.9	4.2	4.5	4.9	5.4
57.5°	3.8	3.5	3.4	3.4	3.4	3.5	3.8	4.1	4.5	4.8	5.2
55°	3.9	3.5	3.4	3.4	3.4	3.5	3.9	4.2	4.5	4.9	5.2
52.5°	3.9	3.5	3.8	4.5	3.8	3.5	3.9	4.2	4.6	4.9	5.3
50°	4.9	4.6	4.5	4.5	4.5	4.6	4.9	5.1	5.4	5.6	5.6
47.5°	6.5	6.0	5.7	5.7	5.7	6.0	6.5	6.9	7.2	7.5	7.6
45°	9.2	8.4	7.9	7.9	7.9	8.4	9.2	9.8	9.9	9.9	9.9
42.5°	13.9	13.6	13.5	13.6	13.5	13.6	13.9	14.0	14.9	13.9	12.1
40°	29.8	30.2	30.1	30.5	30.1	30.2	29.8	28.2	27.9	26.3	25.9
37.5°	56.1	54.2	51.4	52.0	51.4	54.2	56.1	55.9	54.0	47.5	49.0
35°	109.5	112.3	112.1	113.0	112.1	112.3	109.5	108.8	103.8	89.5	93.4
32.5°	253.2	266.7	267.0	272.4	267.0	266.7	253.2	234.0	207.5	183.3	167.4
30°	497.5	508.2	492.1	499.6	492.1	508.2	497.5	474.2	398.9	348.8	289.9
27.5°	938.6	978.1	977.7	960.7	977.7	978.1	938.6	882.6	774.8	672.4	522.5
25°	1648.5	1709.6	1698.3	1678.4	1698.3	1709.6	1648.5	1512.4	1350.5	1194.1	978.7
22.5°	2599.1	2700.1	2780.9	2728.4	2780.9	2700.1	2599.1	2415.6	2213.5	1945.2	1731.2
20°	4248.3	4277.2	4363.0	4332.1	4363.0	4277.2	4248.3	3813.0	3517.2	3184.5	2805.0
17.5°	8726.7	9039.8	8822.0	8159.1	8822.0	9039.8	8726.7	7556.2	7124.1	6324.1	5231.5
15°	17672.6	18984.8	20003.7	19444.3	20003.7	18984.8	17672.6	16306.0	14360.3	12512.3	10427.6
12.5°	28941.2	29909.4	30557.1	30604.7	30557.1	29909.4	28941.2	26920.4	23472.3	20541.3	17173.7
10°	41539.7	42395.2	43541.2	43702.3	43541.2	42395.2	41539.7	38754.9	34648.3	29898.9	24952.1
7.5°	52145.9	53880.8	54684.1	54576.2	54684.1	53880.8	52145.9	49833.2	45173.3	39752.7	33210.3
5°	61631.4	63428.8	64216.1	64346.9	64216.1	63428.8	61631.4	58790.0	53982.1	47844.1	40116.4
2.5°	69681.6	71496.3	72442.2	72182.8	72442.2	71496.3	69681.6	66506.8	61206.4	54584.9	45376.7
0°	72286.2	73715.3	74508.1	74290.6	74508.1	73715.3	72286.2	69739.2	64848.2	58232.4	48597.3
-2.5°	70630.5	71491.7	72089.2	71858.3	72089.2	71491.7	70630.5	68418.7	64025.8	57304.3	47784.8
-5°	68795.7	69817.5	70041.0	70314.5	70041.0	69817.5	68795.7	66445.8	61391.1	54536.8	45405.6
-7.5°	59527.0	60620.1	60981.1	61528.1	60981.1	60620.1	59527.0	58133.3	54469.5	48269.6	39747.0
-10°	51968.2	53194.2	53253.3	53590.6	53253.3	53194.2	51968.2	50076.9	46601.1	41164.0	33881.6
-12.5°	45636.7	47323.8	47883.6	47749.6	47883.6	47323.8	45636.7	42442.7	39437.8	33704.3	28899.0
-15°	36462.3	37903.5	38006.4	38073.8	38006.4	37903.5	36462.3	32998.1	30396.1	26814.7	23685.5
-17.5°	29720.1	31120.5	31660.4	31828.2	31660.4	31120.5	29720.1	27430.4	25272.6	22687.3	20041.7
-20°	24780.5	25823.1	26482.6	26755.7	26482.6	25823.1	24780.5	23331.7	21644.0	19679.4	17517.6



REPORT NUMBER: P1305491 (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°	20358.1	21019.1	21260.1	21320.5	21260.1	21019.1	20358.1	19310.7	18112.3	16524.8	14891.2
-25°	16516.8	17041.8	17347.0	17474.4	17347.0	17041.8	16516.8	15794.4	14766.0	13622.1	12346.9
-27.5°	13560.1	14027.3	14321.0	14366.3	14321.0	14027.3	13560.1	12996.8	12128.2	11358.6	10389.6
-30°	11324.8	11735.1	12009.6	12084.3	12009.6	11735.1	11324.8	10855.5	10242.5	9510.9	8634.1
-32.5°	9383.7	9734.9	9950.3	10043.2	9950.3	9734.9	9383.7	8941.9	8405.6	7803.5	7124.0
-35°	7585.0	7821.1	7959.1	7913.8	7959.1	7821.1	7585.0	7283.8	6880.4	6373.3	5866.1
-37.5°	6218.0	6408.0	6511.4	6516.9	6511.4	6408.0	6218.0	5943.5	5601.2	5210.7	4738.1
-40°	4930.7	5123.6	5239.9	5246.5	5239.9	5123.6	4930.7	4684.0	4386.1	4019.3	3520.9
-42.5°	3605.5	3803.1	3938.0	4025.9	3938.0	3803.1	3605.5	3328.1	2979.4	2573.1	2135.0
-45°	2061.9	2232.5	2362.6	2457.1	2362.6	2232.5	2061.9	1838.3	1570.4	1243.8	899.2
-47.5°	911.3	939.0	951.0	947.1	951.0	939.0	911.3	873.6	823.1	764.2	701.5
-50°	700.1	716.5	724.7	724.5	724.7	716.5	700.1	681.3	660.8	638.4	613.9
-52.5°	609.4	613.5	615.9	617.1	615.9	613.5	609.4	604.1	597.5	589.1	579.9
-55°	575.6	584.3	587.5	586.6	587.5	584.3	575.6	564.6	551.3	535.6	518.0
-57.5°	495.1	505.7	512.9	516.5	512.9	505.7	495.1	481.8	466.1	447.5	426.1
-60°	385.7	392.1	396.0	397.8	396.0	392.1	385.7	376.6	364.5	349.0	331.3
-62.5°	296.3	303.5	307.1	308.6	307.1	303.5	296.3	287.7	277.9	266.8	253.1
-65°	230.1	235.4	238.3	239.6	238.3	235.4	230.1	223.8	216.5	206.2	193.4
-67.5°	169.0	171.3	172.5	172.9	172.5	171.3	169.0	165.7	161.3	154.0	143.4
-70°	126.2	129.7	131.9	133.4	131.9	129.7	126.2	122.3	118.1	112.5	104.6
-72.5°	91.0	92.8	94.1	94.9	94.1	92.8	91.0	88.8	86.3	82.6	76.6
-75°	57.7	58.3	58.7	58.8	58.7	58.3	57.7	56.8	55.7	54.0	50.6
-77.5°	37.5	38.1	38.9	39.6	38.9	38.1	37.5	36.8	36.0	34.9	32.6
-80°	23.7	23.6	23.7	23.7	23.7	23.6	23.7	23.8	23.8	23.6	22.1
-82.5°	15.7	15.7	15.8	15.8	15.8	15.7	15.7	15.6	15.5	15.3	14.6
-85°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.2	11.1	11.1	10.4
-87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.6
-90°	1.4	1.1	0.5	0.0	0.5	1.1	1.4	1.7	2.0	2.3	2.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.3	6.5	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.5
87.5°	2.9	3.1	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5
85°	3.8	4.1	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5
82.5°	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.6
80°	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.9	5.2	5.4	5.5
77.5°	4.0	4.3	4.5	4.7	4.7	4.7	4.7	4.9	5.2	5.5	5.7
75°	4.0	4.3	4.6	5.0	5.3	5.5	5.7	5.8	5.9	6.0	5.9
72.5°	5.1	5.3	5.5	5.8	6.0	6.4	6.6	6.7	6.8	6.8	6.6
70°	6.5	6.9	7.6	8.3	8.7	8.9	8.7	8.3	7.8	7.6	7.3
67.5°	7.1	7.7	8.9	10.3	11.2	11.8	11.8	11.1	10.4	9.8	8.5
65°	7.2	7.8	9.4	11.1	12.7	14.1	15.4	15.6	14.9	13.2	10.2
62.5°	7.0	7.8	8.9	10.3	12.2	15.2	18.8	20.3	20.5	18.1	13.9
60°	6.1	6.9	7.9	9.0	10.3	14.4	20.2	24.5	27.1	23.0	17.3
57.5°	5.5	5.9	6.7	7.6	8.7	13.6	20.2	27.4	32.0	25.9	20.2
55°	5.6	5.9	6.2	6.5	7.2	12.2	18.4	25.5	30.1	26.6	20.3
52.5°	5.7	6.0	6.3	6.6	7.7	10.7	15.0	21.8	24.3	21.8	18.4
50°	5.7	6.1	6.4	6.7	7.8	9.8	13.1	17.7	17.9	17.0	14.3
47.5°	7.5	7.2	6.7	6.9	7.7	9.0	11.3	13.4	14.0	13.1	11.2
45°	9.8	9.4	8.7	8.4	8.0	8.6	9.9	11.3	11.8	11.4	9.3
42.5°	13.8	13.0	11.5	11.6	10.5	9.8	9.8	10.9	11.0	10.8	10.5
40°	25.3	21.7	21.3	19.0	16.4	13.3	13.0	12.4	12.2	11.0	13.0
37.5°	47.9	42.6	42.3	39.2	32.0	22.3	19.0	16.9	15.0	16.1	17.6
35°	85.0	77.8	74.0	68.9	59.9	44.2	29.1	23.7	21.5	22.7	24.0
32.5°	152.3	142.7	116.9	107.3	108.3	79.9	52.3	34.3	32.5	32.0	30.9
30°	247.7	247.4	210.6	183.4	195.4	162.6	88.0	64.0	48.9	43.3	39.2
27.5°	468.7	411.1	364.6	344.0	324.8	281.8	198.3	109.7	73.5	59.0	52.1
25°	851.6	677.5	634.4	569.4	497.9	451.9	336.6	210.0	123.5	79.9	77.3
22.5°	1454.5	1268.4	1074.0	855.2	790.5	695.1	542.8	328.2	199.9	149.7	116.5
20°	2518.9	2182.5	1769.5	1632.1	1357.1	1006.7	801.0	620.6	450.1	271.4	167.9
17.5°	4866.5	3899.1	3365.1	3075.5	2359.0	1626.9	1511.4	1253.6	806.9	425.0	229.2
15°	8549.7	7632.7	6586.1	5261.1	4066.7	3295.6	2736.6	2066.7	1299.6	684.1	368.4
12.5°	14490.0	12461.0	10566.7	8179.4	6718.4	5420.7	4327.4	3159.9	1996.2	1142.6	611.4
10°	20701.6	17779.1	14854.3	11838.8	9562.2	7768.4	5921.1	4155.9	2738.6	1684.6	889.5
7.5°	27588.4	23503.8	19428.8	15321.5	12174.1	9743.1	7238.8	5018.6	3424.4	2246.0	1188.7
5°	33106.5	27994.8	23031.7	18197.8	14567.8	11716.2	8579.9	5800.7	4049.9	2803.0	1492.1
2.5°	36771.0	30952.5	26096.5	20713.4	16665.8	13365.3	9811.5	6571.7	4511.6	3123.7	1617.2
0°	39369.0	33133.6	27780.9	21736.4	17663.1	14136.8	10806.1	7323.8	4865.6	3344.3	1707.8
-2.5°	38705.1	32392.5	27464.7	21396.4	17257.9	13960.9	10592.0	7703.6	5286.0	3533.4	1737.8
-5°	36072.5	29890.5	25088.6	19752.4	15865.6	12905.4	9923.6	7553.6	5383.2	3564.4	1724.5
-7.5°	32308.9	26932.0	22338.5	17693.6	14151.9	11467.0	8935.3	6850.1	4937.4	3226.6	1598.6
-10°	27923.1	23457.7	19332.0	15498.4	12505.4	9990.9	7894.8	6102.3	4434.3	2835.4	1432.6
-12.5°	24023.1	20057.9	16383.4	13255.6	11042.0	8798.9	6982.7	5386.5	3888.9	2406.7	1228.3
-15°	20034.6	17193.5	14305.5	11706.4	9583.9	7656.4	6142.6	4811.7	3399.7	1959.8	987.0
-17.5°	17568.6	14857.4	12370.5	10413.4	8356.5	6648.6	5439.6	4233.0	2875.6	1560.2	745.6
-20°	15504.6	13112.1	10997.4	9069.2	7258.2	5801.9	4804.4	3604.8	2291.6	1233.6	672.2



REPORT NUMBER: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13369.9	11598.2	9702.3	7771.3	6221.8	5094.0	4082.5	2926.3	1652.2	879.7	594.6
-25°	11275.9	10021.2	8425.8	6844.0	5381.7	4301.9	3331.1	2210.6	1246.7	665.1	520.1
-27.5°	9420.9	8364.9	7351.2	5975.3	4753.9	3589.3	2554.2	1537.8	826.1	584.6	482.7
-30°	7745.7	6958.2	6149.0	5206.6	4050.5	2905.1	1775.7	1054.8	647.6	515.3	453.9
-32.5°	6366.5	5758.3	5070.5	4264.9	3189.9	2034.1	1219.4	689.1	552.3	483.9	444.1
-35°	5291.7	4672.2	4003.1	3121.6	2100.0	1306.3	732.4	593.4	505.7	458.5	439.8
-37.5°	4200.5	3563.9	2754.2	1915.3	1236.0	754.5	627.4	537.7	475.1	453.5	422.3
-40°	2908.0	2213.4	1594.9	977.2	745.4	640.2	565.0	502.6	474.8	438.8	397.3
-42.5°	1627.3	1095.8	802.2	710.4	627.8	576.3	528.1	499.9	462.3	413.7	360.2
-45°	818.0	735.0	658.9	616.5	570.0	542.3	521.8	478.9	430.3	374.3	318.5
-47.5°	663.9	628.8	592.9	570.7	549.8	524.4	482.8	438.4	381.3	327.2	280.1
-50°	595.2	580.8	566.2	546.5	508.9	470.5	425.7	377.5	327.9	283.0	240.7
-52.5°	567.9	542.0	513.2	481.9	441.9	398.8	355.7	317.9	277.6	239.3	202.7
-55°	498.4	468.7	434.3	398.1	361.6	327.6	293.6	261.5	230.6	196.6	167.3
-57.5°	401.9	375.5	347.8	318.9	289.2	261.6	235.0	208.7	185.9	159.3	133.0
-60°	311.8	290.4	269.1	246.6	223.1	200.0	182.1	163.3	143.8	123.4	102.1
-62.5°	236.3	216.3	200.4	185.6	169.0	151.5	136.6	122.3	106.5	89.4	75.9
-65°	179.9	165.9	152.3	138.6	124.6	110.5	98.1	86.9	76.6	65.5	54.1
-67.5°	131.8	119.2	107.3	97.0	88.4	78.5	69.7	60.7	54.3	48.6	42.0
-70°	96.5	88.5	80.6	72.0	63.7	56.5	51.4	46.7	41.6	36.1	30.5
-72.5°	70.7	64.8	59.0	53.2	47.8	42.6	37.5	32.8	28.3	23.9	19.9
-75°	47.0	43.2	39.1	34.8	30.3	25.7	22.7	20.8	18.7	16.5	14.0
-77.5°	30.2	27.8	25.4	23.0	20.6	18.4	16.3	14.5	13.2	11.8	10.6
-80°	20.6	19.1	17.6	16.2	14.9	13.6	12.4	11.3	10.3	9.3	8.6
-82.5°	13.8	13.1	12.3	11.4	10.6	9.7	8.8	8.3	7.8	7.4	7.1
-85°	9.8	9.2	8.6	8.0	7.4	6.9	6.4	6.3	6.3	6.2	6.2
-87.5°	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.5	5.4	5.4	5.3
-90°	2.9	3.1	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P1305491 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.8
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.9	5.0
82.5°	4.5	4.5	4.5	4.5	4.7	4.8	4.9	4.8	4.9	5.1	5.3
80°	5.3	5.2	5.0	4.9	5.0	5.1	5.3	5.3	5.3	5.3	5.5
77.5°	5.7	5.7	5.7	5.5	5.4	5.4	5.5	5.7	5.6	5.5	5.6
75°	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.7	5.7	5.7	5.7
72.5°	6.2	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
70°	6.7	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
67.5°	7.4	6.8	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	8.7	7.5	6.7	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	10.5	8.3	7.3	6.6	6.1	5.8	5.7	5.7	5.7	5.7	5.7
60°	12.9	9.7	7.9	7.1	6.4	5.8	5.7	5.7	5.7	5.7	5.7
57.5°	14.7	10.7	9.1	7.8	6.8	6.1	5.7	5.7	5.7	5.7	5.7
55°	15.4	11.5	10.2	8.9	7.5	6.5	5.9	5.7	5.7	5.7	5.7
52.5°	13.7	11.9	11.0	9.8	8.4	7.0	6.3	5.7	5.7	5.7	5.7
50°	10.8	11.3	11.3	10.4	9.2	7.8	6.7	6.0	5.7	5.7	5.8
47.5°	9.5	10.6	10.8	10.7	9.6	8.6	7.3	6.4	5.7	5.7	5.8
45°	9.8	10.1	10.6	10.4	10.0	9.0	7.8	6.8	6.0	5.8	5.9
42.5°	10.8	10.8	10.7	10.2	10.1	9.4	8.3	7.2	6.3	5.9	6.1
40°	13.1	12.3	11.4	11.2	10.3	9.7	8.6	7.5	6.6	6.2	6.2
37.5°	16.0	14.8	13.2	13.5	11.2	10.0	8.9	7.8	7.1	6.6	6.4
35°	22.0	18.1	17.1	17.0	14.2	10.4	9.1	8.0	7.6	7.0	6.6
32.5°	29.9	24.3	22.7	21.1	18.2	11.0	9.4	8.7	8.1	7.3	6.8
30°	38.3	35.3	29.2	25.7	22.8	14.7	10.4	9.6	8.6	7.7	7.1
27.5°	51.6	47.7	37.3	31.7	27.1	19.5	12.6	10.5	9.2	8.1	7.4
25°	69.5	61.5	49.0	38.5	31.8	30.8	15.2	11.7	10.0	8.6	7.7
22.5°	94.6	77.5	61.5	45.9	50.5	45.4	21.3	13.7	10.8	9.1	8.0
20°	123.8	95.7	80.9	77.0	73.8	61.3	32.1	16.0	11.7	9.6	8.3
17.5°	158.9	140.6	134.7	116.3	99.9	79.7	44.5	18.6	12.7	10.0	8.5
15°	258.5	220.3	194.2	160.2	128.0	100.0	58.1	21.3	13.7	10.5	8.7
12.5°	376.5	304.8	258.0	207.7	157.8	121.8	72.6	24.0	14.7	10.9	8.8
10°	498.8	392.7	325.0	257.7	188.6	144.5	87.3	27.1	16.0	11.3	8.9
7.5°	623.0	482.5	393.6	308.9	219.2	166.7	103.5	30.7	17.5	11.6	8.9
5°	735.8	560.3	449.8	350.0	246.4	187.5	119.4	34.3	18.9	11.9	9.0
2.5°	797.7	617.2	496.1	387.4	272.5	207.0	134.0	37.6	20.2	12.2	9.0
0°	852.2	670.2	539.1	421.6	297.2	224.9	146.9	40.7	21.5	12.4	9.0
-2.5°	852.5	661.8	537.4	432.0	309.5	231.7	152.5	49.7	27.0	15.5	10.1
-5°	844.2	649.2	533.0	438.8	319.3	236.6	155.9	58.1	32.2	18.4	11.1
-7.5°	806.4	624.4	522.2	440.2	326.3	239.3	157.4	65.7	37.0	21.0	12.0
-10°	756.0	591.4	502.3	426.5	323.4	238.6	156.9	72.3	41.3	23.3	12.7
-12.5°	698.0	556.7	482.9	411.4	317.1	234.8	154.1	77.4	44.9	25.2	13.4
-15°	632.7	521.0	465.0	395.7	308.6	229.4	150.1	81.2	48.0	26.8	13.8
-17.5°	562.9	484.9	449.3	379.9	298.2	222.6	145.1	83.7	50.2	28.2	14.4
-20°	525.8	461.3	434.8	364.7	285.9	214.6	139.3	84.9	51.5	29.0	15.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	493.3	448.9	413.8	348.8	273.0	205.3	133.1	84.7	51.8	29.2	15.7
-25°	460.0	437.2	392.9	327.9	260.5	195.5	129.2	83.0	51.1	28.9	16.0
-27.5°	441.4	422.6	372.2	305.3	243.5	185.8	126.7	82.0	49.8	27.9	16.0
-30°	429.6	399.4	347.0	282.3	225.1	170.9	122.2	79.6	48.5	27.3	15.7
-32.5°	420.7	377.3	319.1	260.7	206.7	155.0	113.1	75.8	46.4	26.8	15.6
-35°	401.1	350.1	290.3	237.7	187.8	141.9	102.4	70.4	43.4	26.0	15.3
-37.5°	378.7	319.2	264.1	214.7	168.0	127.8	92.4	63.1	39.4	24.7	14.6
-40°	343.4	288.1	237.6	192.4	150.6	112.9	81.5	56.2	36.7	23.0	13.6
-42.5°	306.4	257.6	211.9	169.3	133.4	99.8	70.1	48.8	33.4	21.3	12.2
-45°	271.6	226.7	185.5	149.2	115.7	85.7	61.3	41.4	29.6	19.2	11.0
-47.5°	235.9	196.6	160.4	127.8	99.1	71.9	52.0	36.7	25.5	16.7	10.3
-50°	201.9	167.1	135.8	107.6	81.1	61.1	43.3	31.6	21.8	13.5	9.6
-52.5°	169.4	139.1	112.2	87.3	67.2	49.8	37.0	26.2	17.9	11.7	8.7
-55°	138.2	112.7	89.5	70.3	53.8	41.2	30.3	21.5	13.8	10.4	7.8
-57.5°	109.9	87.5	70.6	55.0	43.1	33.1	24.2	16.7	11.8	9.2	7.6
-60°	82.9	67.9	53.3	43.2	34.1	25.7	18.4	12.7	10.3	8.1	7.3
-62.5°	62.3	50.0	41.6	33.3	25.9	19.1	13.2	11.0	8.8	7.8	7.1
-65°	46.7	38.9	31.0	24.7	18.5	13.6	11.3	9.3	8.2	7.5	6.9
-67.5°	35.1	28.6	22.1	16.5	13.3	11.2	9.3	8.5	7.9	7.2	6.9
-70°	24.7	18.9	14.9	12.4	10.4	8.9	8.6	8.1	7.5	7.1	6.9
-72.5°	16.7	13.7	11.0	9.0	8.7	8.4	8.1	7.7	7.3	7.0	6.8
-75°	11.4	10.0	9.0	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.6
-77.5°	9.6	8.8	8.1	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.2
-80°	8.1	7.7	7.4	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.9
-82.5°	6.8	6.7	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.7	5.6
-85°	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
-87.5°	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.5
85°	5.1	5.0	4.9	4.8	4.7	4.6	4.5
82.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.5
80°	5.7	5.5	5.3	5.1	4.9	4.6	4.5
77.5°	5.7	5.7	5.5	5.3	5.0	4.6	4.5
75°	5.7	5.7	5.7	5.4	5.1	4.6	4.5
72.5°	5.7	5.7	5.7	5.6	5.2	4.7	4.5
70°	5.7	5.7	5.7	5.7	5.3	4.7	4.5
67.5°	5.7	5.7	5.7	5.7	5.3	4.7	4.5
65°	5.7	5.7	5.7	5.7	5.4	4.7	4.5
62.5°	5.7	5.7	5.7	5.7	5.5	4.7	4.5
60°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
57.5°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
55°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
52.5°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
50°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
47.5°	5.7	5.7	5.7	5.7	5.5	4.8	4.5
45°	5.8	5.7	5.7	5.7	5.5	4.8	4.5
42.5°	5.9	5.7	5.7	5.7	5.5	4.8	4.5
40°	6.0	5.7	5.7	5.7	5.5	4.8	4.5
37.5°	6.2	5.7	5.7	5.7	5.5	4.8	4.5
35°	6.3	5.8	5.7	5.7	5.5	4.8	4.5
32.5°	6.5	5.9	5.7	5.7	5.5	4.8	4.5
30°	6.7	6.0	5.7	5.7	5.5	4.8	4.5
27.5°	6.8	6.1	5.7	5.7	5.6	4.7	4.5
25°	7.0	6.3	5.7	5.7	5.6	4.7	4.5
22.5°	7.2	6.4	5.7	5.7	5.6	4.7	4.5
20°	7.5	6.5	5.7	5.7	5.6	4.7	4.5
17.5°	7.6	6.5	5.7	5.7	5.6	4.7	4.5
15°	7.7	6.6	5.7	5.7	5.6	4.7	4.5
12.5°	7.7	6.7	5.7	5.7	5.7	4.6	4.5
10°	7.8	6.7	5.7	5.7	5.7	4.6	4.5
7.5°	7.8	6.8	5.7	5.7	5.7	4.6	4.5
5°	7.9	6.8	5.7	5.7	5.7	4.6	4.5
2.5°	7.9	6.8	5.7	5.7	5.7	4.5	4.5
0°	7.9	6.8	5.7	5.7	5.7	4.5	4.5
-2.5°	8.0	6.9	5.8	5.7	5.7	4.5	4.5
-5°	8.2	7.0	5.9	5.7	5.7	4.6	4.5
-7.5°	8.3	7.1	6.0	5.7	5.7	4.6	4.5
-10°	8.4	7.2	6.1	5.7	5.7	4.6	4.5
-12.5°	8.5	7.3	6.1	5.7	5.7	4.6	4.5
-15°	8.5	7.3	6.2	5.7	5.6	4.7	4.5
-17.5°	8.6	7.4	6.2	5.7	5.6	4.7	4.5
-20°	8.9	7.4	6.3	5.7	5.6	4.7	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.4	7.4	6.3	5.7	5.6	4.7	4.5
-25°	9.7	7.5	6.3	5.7	5.6	4.7	4.5
-27.5°	9.9	7.5	6.3	5.7	5.6	4.7	4.5
-30°	9.8	7.4	6.2	5.7	5.5	4.8	4.5
-32.5°	9.5	7.4	6.2	5.7	5.5	4.8	4.5
-35°	9.3	7.2	6.1	5.7	5.5	4.8	4.5
-37.5°	9.2	7.0	6.0	5.7	5.5	4.8	4.5
-40°	8.9	6.9	5.9	5.7	5.5	4.8	4.5
-42.5°	8.5	6.8	5.9	5.7	5.5	4.8	4.5
-45°	8.1	6.7	5.9	5.7	5.5	4.8	4.5
-47.5°	7.6	6.6	6.0	5.8	5.5	4.8	4.5
-50°	7.3	6.4	6.0	5.8	5.5	4.8	4.5
-52.5°	7.2	6.3	6.0	5.8	5.5	4.8	4.5
-55°	7.0	6.3	6.1	5.8	5.5	4.8	4.5
-57.5°	6.8	6.3	6.1	5.8	5.5	4.8	4.5
-60°	6.6	6.3	6.1	5.8	5.5	4.8	4.5
-62.5°	6.6	6.4	6.1	5.8	5.5	4.7	4.5
-65°	6.7	6.4	6.0	5.8	5.4	4.7	4.5
-67.5°	6.7	6.4	5.9	5.7	5.3	4.7	4.5
-70°	6.7	6.2	5.9	5.7	5.3	4.7	4.5
-72.5°	6.5	6.1	5.8	5.6	5.2	4.7	4.5
-75°	6.3	5.9	5.7	5.4	5.1	4.6	4.5
-77.5°	6.0	5.8	5.5	5.3	5.0	4.6	4.5
-80°	5.7	5.5	5.3	5.1	4.9	4.6	4.5
-82.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.5
-85°	5.1	5.0	4.9	4.8	4.7	4.6	4.5
-87.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)