

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: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-80-2S-HEG-A**

Issue Date: 2/3/2026

Test Information

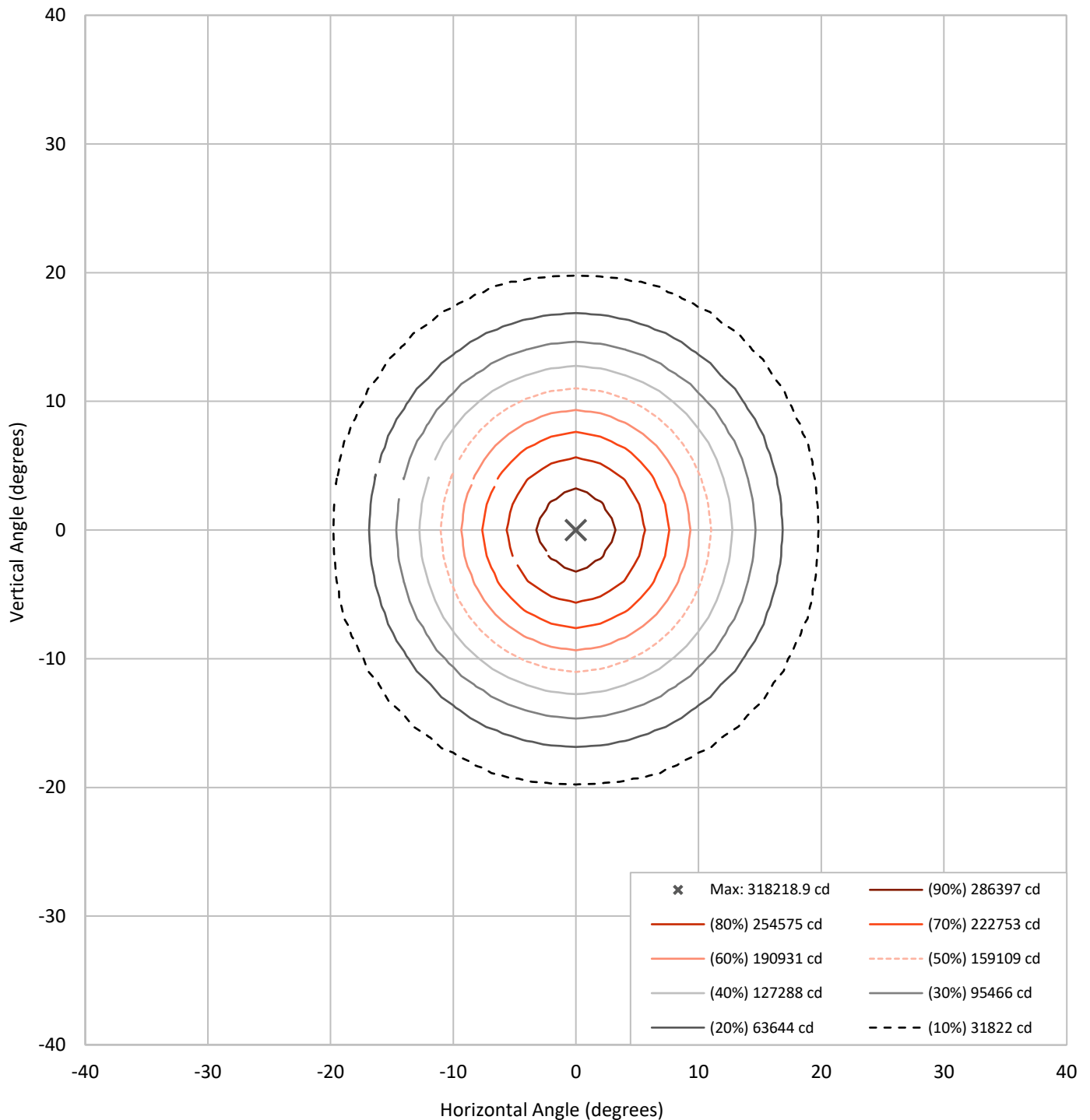
Test Method: LM-79-08
Report Number: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-57-80-2S-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 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:	57321.3 lumens	Max Intensity:	318218.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	168.6 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:	25334.1 lumens	Field Lumens:	47051.5 lumens
Beam Efficiency:	44.2%	Field Efficiency:	82.1%
Input Watts (W):	340		
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		

REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

Iso-Candela Plot



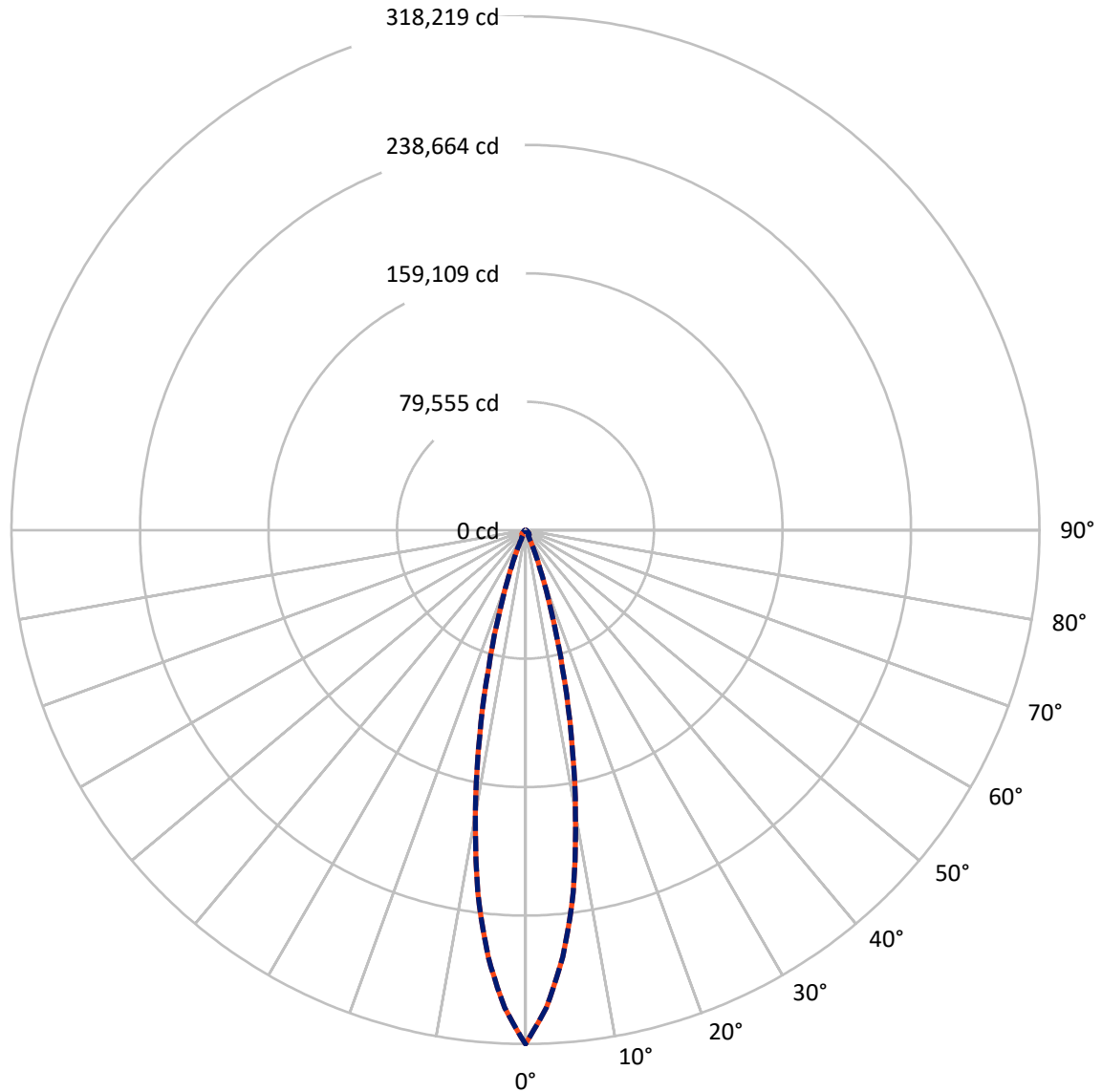
REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

Lumen Table

90	0.1	0.6		2.0		5.0		6.7		5.0		2.0		0.6		0.1			
80	0.1	0.6		2.0		5.0		6.7		5.0		2.0		0.6		0.1			
70	0.3	0.3	1.2	3.6	7.2	11.0	14.2	16.0	16.0	14.2	11.0	7.2	3.6	1.2	0.3	0.3			
60		0.9	4.2	10.2	17.6	24.5	29.2	31.6	31.6	29.2	24.5	17.6	10.2	4.2	0.9				
50	0.7	2.2	8.3	17.7	27.0	43.7	66.9	80.1	80.1	66.9	43.7	27.0	17.7	8.3	2.2	0.7			
40		3.8	12.5	23.3	51.5	88.4	103.6	109.0	109.0	103.6	88.4	51.5	23.3	12.5	3.8				
30	1.5	5.3	15.7	34.5	80.0	99.6	136.2	277.9	277.9	136.2	99.6	80.0	34.5	15.7	5.3	1.5			
20		6.4	17.5	49.6	87.9	128.2	810.7	2402.3	2402.3	810.7	128.2	87.9	49.6	17.5	6.4				
10	1.8	7.0	18.3	57.5	89.6	256.1	2341.3	6584.4	6584.4	2341.3	256.1	89.6	57.5	18.3	7.0	1.8			
0		7.0	18.3	57.5	89.6	256.1	2341.3	6584.4	6584.4	2341.3	256.1	89.6	57.5	18.3	7.0				
-10	1.5	6.4	17.5	49.6	87.9	128.2	810.7	2402.3	2402.3	810.7	128.2	87.9	49.6	17.5	6.4	1.5			
-20		5.3	15.7	34.5	80.0	99.6	136.2	277.9	277.9	136.2	99.6	80.0	34.5	15.7	5.3				
-30	0.7	3.8	12.5	23.3	51.5	88.4	103.6	109.0	109.0	103.6	88.4	51.5	23.3	12.5	3.8	0.7			
-40		2.2	8.3	17.7	27.0	43.7	66.9	80.1	80.1	66.9	43.7	27.0	17.7	8.3	2.2				
-50	0.3	0.9	4.2	10.2	17.6	24.5	29.2	31.6	31.6	29.2	24.5	17.6	10.2	4.2	0.9	0.3			
-60		0.3	1.2	3.6	7.2	11.0	14.2	16.0	16.0	14.2	11.0	7.2	3.6	1.2	0.3				
-70	0.1	0.6		2.0		5.0		6.7		5.0		2.0		0.6		0.1			
-80		0.6		2.0		5.0		6.7		5.0		2.0		0.6					
-90	0.1	0.6		2.0		5.0		6.7		5.0		2.0		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

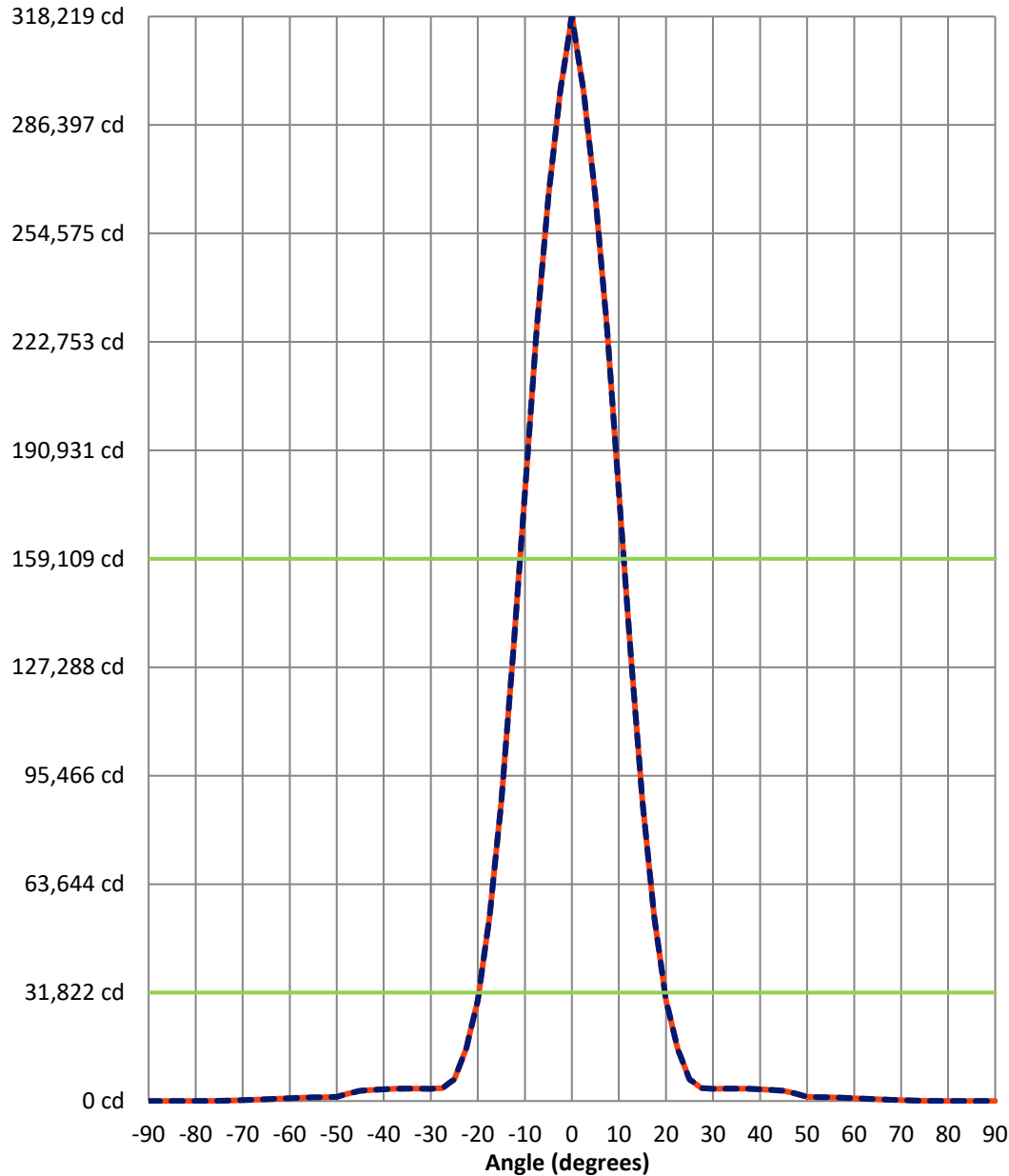
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

Luminous Intensity Plot



Beam:
H Angle: 22°
V Angle: 22°
Lumens: 25334.1
Efficiency: 44.2%

Field:
H Angle: 39.6°
V Angle: 39.6°
Lumens: 47051.5
Efficiency: 82.1%

Spill:
Lumens: 10269.8
Efficiency: 17.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.3	6.7
80°	0.0	1.0	2.0	3.1	4.1	5.1	6.0	6.5	7.0	7.5	8.0
77.5°	0.0	1.3	2.6	3.8	5.1	6.1	6.8	7.4	8.0	8.6	9.3
75°	0.0	1.5	3.1	4.6	6.0	6.8	7.5	8.3	9.0	10.0	10.9
72.5°	0.0	1.8	3.5	5.3	6.5	7.4	8.3	9.2	10.3	11.5	12.6
70°	0.0	2.0	4.0	6.0	7.0	8.0	9.0	10.3	11.6	13.0	15.1
67.5°	0.0	2.3	4.5	6.3	7.5	8.6	10.0	11.5	13.0	15.4	17.9
65°	0.0	2.5	5.0	6.7	8.0	9.3	10.9	12.6	15.1	17.9	21.2
62.5°	0.0	2.7	5.4	7.0	8.4	10.1	11.9	14.2	17.3	20.6	25.8
60°	0.0	2.9	5.9	7.4	8.9	10.8	12.8	16.1	19.4	24.7	30.3
57.5°	0.0	3.2	6.1	7.7	9.5	11.6	14.3	17.9	22.6	28.7	41.8
55°	0.0	3.4	6.3	8.1	10.0	12.3	15.8	19.6	26.1	34.6	56.5
52.5°	0.0	3.6	6.5	8.4	10.6	13.1	17.2	22.4	29.4	47.5	70.8
50°	0.0	3.8	6.8	8.7	11.2	14.3	18.6	25.2	34.9	60.0	99.2
47.5°	0.0	4.0	7.0	9.0	11.7	15.4	20.1	28.0	45.7	72.0	128.3
45°	0.0	4.2	7.1	9.4	12.2	16.5	22.4	30.6	56.0	97.0	156.4
42.5°	0.0	4.3	7.3	9.7	12.7	17.5	24.6	36.7	65.9	121.2	189.2
40°	0.0	4.5	7.5	10.1	13.3	18.5	26.6	45.0	79.0	144.4	221.4
37.5°	0.0	4.7	7.7	10.4	14.1	19.5	28.6	52.8	98.5	168.0	252.2
35°	0.0	4.8	7.8	10.7	14.8	20.8	30.5	60.3	117.1	194.2	282.0
32.5°	0.0	5.0	8.0	11.0	15.4	22.3	33.5	67.3	134.5	218.8	311.1
30°	0.0	5.1	8.1	11.3	16.1	23.6	39.0	75.6	150.9	241.9	338.3
27.5°	0.0	5.2	8.2	11.5	16.7	24.9	44.2	88.9	167.4	263.3	363.7
25°	0.0	5.3	8.3	11.8	17.2	26.0	49.0	101.0	184.9	283.8	387.3
22.5°	0.0	5.5	8.4	12.0	17.7	27.1	53.4	112.1	200.8	302.9	413.8
20°	0.0	5.5	8.5	12.2	18.1	28.1	57.3	122.1	215.2	320.1	437.7
17.5°	0.0	5.6	8.6	12.3	18.5	28.9	60.8	131.0	227.9	335.4	459.0
15°	0.0	5.7	8.7	12.5	18.9	29.6	63.8	138.7	239.1	348.7	477.5
12.5°	0.0	5.8	8.8	12.6	19.1	30.3	66.4	145.3	248.5	360.1	493.3
10°	0.0	5.8	8.8	12.7	19.4	30.8	68.5	150.7	256.3	369.4	506.3
7.5°	0.0	5.8	8.8	12.8	19.6	31.2	70.2	155.0	262.4	376.7	516.5
5°	0.0	5.9	8.9	12.9	19.7	31.5	71.4	158.0	266.7	381.9	523.8
2.5°	0.0	5.9	8.9	12.9	19.8	31.6	72.1	159.8	269.3	385.1	528.1
0°	0.0	5.9	8.9	12.9	19.8	31.7	72.3	160.4	270.2	386.1	529.6
-2.5°	0.0	5.9	8.9	12.9	19.8	31.6	72.1	159.8	269.3	385.1	528.1
-5°	0.0	5.9	8.9	12.9	19.7	31.5	71.4	158.0	266.7	381.9	523.8
-7.5°	0.0	5.8	8.8	12.8	19.6	31.2	70.2	155.0	262.4	376.7	516.5
-10°	0.0	5.8	8.8	12.7	19.4	30.8	68.5	150.7	256.3	369.4	506.3
-12.5°	0.0	5.8	8.8	12.6	19.1	30.3	66.4	145.3	248.5	360.1	493.3
-15°	0.0	5.7	8.7	12.5	18.9	29.6	63.8	138.7	239.1	348.7	477.5
-17.5°	0.0	5.6	8.6	12.3	18.5	28.9	60.8	131.0	227.9	335.4	459.0
-20°	0.0	5.5	8.5	12.2	18.1	28.1	57.3	122.1	215.2	320.1	437.7



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	8.4	12.0	17.7	27.1	53.4	112.1	200.8	302.9	413.8
-25°	0.0	5.3	8.3	11.8	17.2	26.0	49.0	101.0	184.9	283.8	387.3
-27.5°	0.0	5.2	8.2	11.5	16.7	24.9	44.2	88.9	167.4	263.3	363.7
-30°	0.0	5.1	8.1	11.3	16.1	23.6	39.0	75.6	150.9	241.9	338.3
-32.5°	0.0	5.0	8.0	11.0	15.4	22.3	33.5	67.3	134.5	218.8	311.1
-35°	0.0	4.8	7.8	10.7	14.8	20.8	30.5	60.3	117.1	194.2	282.0
-37.5°	0.0	4.7	7.7	10.4	14.1	19.5	28.6	52.8	98.5	168.0	252.2
-40°	0.0	4.5	7.5	10.1	13.3	18.5	26.6	45.0	79.0	144.4	221.4
-42.5°	0.0	4.3	7.3	9.7	12.7	17.5	24.6	36.7	65.9	121.2	189.2
-45°	0.0	4.2	7.1	9.4	12.2	16.5	22.4	30.6	56.0	97.0	156.4
-47.5°	0.0	4.0	7.0	9.0	11.7	15.4	20.1	28.0	45.7	72.0	128.3
-50°	0.0	3.8	6.8	8.7	11.2	14.3	18.6	25.2	34.9	60.0	99.2
-52.5°	0.0	3.6	6.5	8.4	10.6	13.1	17.2	22.4	29.4	47.5	70.8
-55°	0.0	3.4	6.3	8.1	10.0	12.3	15.8	19.6	26.1	34.6	56.5
-57.5°	0.0	3.2	6.1	7.7	9.5	11.6	14.3	17.9	22.6	28.7	41.8
-60°	0.0	2.9	5.9	7.4	8.9	10.8	12.8	16.1	19.4	24.7	30.3
-62.5°	0.0	2.7	5.4	7.0	8.4	10.1	11.9	14.2	17.3	20.6	25.8
-65°	0.0	2.5	5.0	6.7	8.0	9.3	10.9	12.6	15.1	17.9	21.2
-67.5°	0.0	2.3	4.5	6.3	7.5	8.6	10.0	11.5	13.0	15.4	17.9
-70°	0.0	2.0	4.0	6.0	7.0	8.0	9.0	10.3	11.6	13.0	15.1
-72.5°	0.0	1.8	3.5	5.3	6.5	7.4	8.3	9.2	10.3	11.5	12.6
-75°	0.0	1.5	3.1	4.6	6.0	6.8	7.5	8.3	9.0	10.0	10.9
-77.5°	0.0	1.3	2.6	3.8	5.1	6.1	6.8	7.4	8.0	8.6	9.3
-80°	0.0	1.0	2.0	3.1	4.1	5.1	6.0	6.5	7.0	7.5	8.0
-82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.3	6.7
-85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-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°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
85°	5.4	5.9	6.1	6.3	6.5	6.8	7.0	7.1	7.3	7.5	7.7
82.5°	7.0	7.4	7.7	8.1	8.4	8.7	9.0	9.4	9.7	10.1	10.4
80°	8.4	8.9	9.5	10.0	10.6	11.2	11.7	12.2	12.7	13.3	14.1
77.5°	10.1	10.8	11.6	12.3	13.1	14.3	15.4	16.5	17.5	18.5	19.5
75°	11.9	12.8	14.3	15.8	17.2	18.6	20.1	22.4	24.6	26.6	28.6
72.5°	14.2	16.1	17.9	19.6	22.4	25.2	28.0	30.6	36.7	45.0	52.8
70°	17.3	19.4	22.6	26.1	29.4	34.9	45.7	56.0	65.9	79.0	98.5
67.5°	20.6	24.7	28.7	34.6	47.5	60.0	72.0	97.0	121.2	144.4	168.0
65°	25.8	30.3	41.8	56.5	70.8	99.2	128.3	156.4	189.2	221.4	252.2
62.5°	30.8	45.5	62.0	84.9	119.0	152.1	190.1	228.8	266.0	303.3	339.3
60°	45.5	63.8	92.9	131.0	170.1	215.2	258.9	302.9	345.8	387.3	436.1
57.5°	62.0	92.9	135.0	180.2	230.3	279.7	329.7	378.2	434.1	489.7	543.4
55°	84.9	131.0	180.2	235.4	290.4	346.0	403.3	468.0	530.6	593.3	653.3
52.5°	119.0	170.1	230.3	290.4	351.4	416.8	488.6	559.3	629.4	696.1	758.3
50°	152.1	215.2	279.7	346.0	416.8	495.4	573.7	651.2	724.4	793.8	863.5
47.5°	190.1	258.9	329.7	403.3	488.6	573.7	658.6	738.6	815.4	894.7	971.6
45°	228.8	302.9	378.2	468.0	559.3	651.2	738.6	822.6	910.5	990.0	1047.2
42.5°	266.0	345.8	434.1	530.6	629.4	724.4	815.4	910.5	995.6	1058.6	1095.1
40°	303.3	387.3	489.7	593.3	696.1	793.8	894.7	990.0	1058.6	1096.8	1115.7
37.5°	339.3	436.1	543.4	653.3	758.3	863.5	971.6	1047.2	1095.1	1115.7	1187.6
35°	373.3	482.4	596.1	709.2	817.5	932.1	1024.6	1090.0	1112.2	1181.0	1443.5
32.5°	410.2	526.3	646.0	761.2	877.7	991.3	1073.6	1105.4	1161.3	1331.2	2019.3
30°	447.6	569.0	692.3	810.2	934.9	1034.3	1095.2	1128.9	1219.3	1847.5	2503.1
27.5°	482.4	609.0	734.4	858.6	985.0	1074.7	1108.0	1180.0	1565.1	2313.4	2926.7
25°	514.6	646.0	773.3	904.3	1019.6	1093.0	1128.6	1227.6	1991.8	2685.3	3106.9
22.5°	544.7	679.8	808.9	946.2	1051.5	1103.1	1169.4	1544.5	2354.9	3019.1	3217.2
20°	572.4	709.2	842.7	982.0	1080.4	1112.3	1206.5	1879.0	2648.3	3113.3	3307.8
17.5°	597.1	735.4	873.6	1005.7	1091.2	1131.2	1279.5	2179.5	2912.4	3198.3	3384.7
15°	618.6	758.3	900.8	1026.5	1097.8	1158.1	1523.4	2401.4	3053.3	3269.9	3452.5
12.5°	637.0	777.8	923.9	1044.2	1103.5	1181.1	1732.3	2585.8	3113.0	3324.1	3500.5
10°	652.1	793.8	942.9	1058.8	1108.2	1200.2	1905.1	2738.6	3162.4	3369.2	3540.5
7.5°	663.9	806.4	957.8	1070.2	1111.9	1215.1	2040.6	2858.5	3201.3	3404.7	3572.0
5°	672.3	815.4	968.5	1078.4	1114.5	1225.8	2138.0	2944.8	3229.3	3430.3	3594.8
2.5°	677.4	820.8	975.0	1083.4	1116.1	1232.2	2196.8	2996.9	3246.2	3445.7	3608.6
0°	679.1	822.6	977.1	1085.0	1116.6	1234.4	2216.4	3014.3	3251.9	3450.9	3613.2
-2.5°	677.4	820.8	975.0	1083.4	1116.1	1232.2	2196.8	2996.9	3246.2	3445.7	3608.6
-5°	672.3	815.4	968.5	1078.4	1114.5	1225.8	2138.0	2944.8	3229.3	3430.3	3594.8
-7.5°	663.9	806.4	957.8	1070.2	1111.9	1215.1	2040.6	2858.5	3201.3	3404.7	3572.0
-10°	652.1	793.8	942.9	1058.8	1108.2	1200.2	1905.1	2738.6	3162.4	3369.2	3540.5
-12.5°	637.0	777.8	923.9	1044.2	1103.5	1181.1	1732.3	2585.8	3113.0	3324.1	3500.5
-15°	618.6	758.3	900.8	1026.5	1097.8	1158.1	1523.4	2401.4	3053.3	3269.9	3452.5
-17.5°	597.1	735.4	873.6	1005.7	1091.2	1131.2	1279.5	2179.5	2912.4	3198.3	3384.7
-20°	572.4	709.2	842.7	982.0	1080.4	1112.3	1206.5	1879.0	2648.3	3113.3	3307.8



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	544.7	679.8	808.9	946.2	1051.5	1103.1	1169.4	1544.5	2354.9	3019.1	3217.2
-25°	514.6	646.0	773.3	904.3	1019.6	1093.0	1128.6	1227.6	1991.8	2685.3	3106.9
-27.5°	482.4	609.0	734.4	858.6	985.0	1074.7	1108.0	1180.0	1565.1	2313.4	2926.7
-30°	447.6	569.0	692.3	810.2	934.9	1034.3	1095.2	1128.9	1219.3	1847.5	2503.1
-32.5°	410.2	526.3	646.0	761.2	877.7	991.3	1073.6	1105.4	1161.3	1331.2	2019.3
-35°	373.3	482.4	596.1	709.2	817.5	932.1	1024.6	1090.0	1112.2	1181.0	1443.5
-37.5°	339.3	436.1	543.4	653.3	758.3	863.5	971.6	1047.2	1095.1	1115.7	1187.6
-40°	303.3	387.3	489.7	593.3	696.1	793.8	894.7	990.0	1058.6	1096.8	1115.7
-42.5°	266.0	345.8	434.1	530.6	629.4	724.4	815.4	910.5	995.6	1058.6	1095.1
-45°	228.8	302.9	378.2	468.0	559.3	651.2	738.6	822.6	910.5	990.0	1047.2
-47.5°	190.1	258.9	329.7	403.3	488.6	573.7	658.6	738.6	815.4	894.7	971.6
-50°	152.1	215.2	279.7	346.0	416.8	495.4	573.7	651.2	724.4	793.8	863.5
-52.5°	119.0	170.1	230.3	290.4	351.4	416.8	488.6	559.3	629.4	696.1	758.3
-55°	84.9	131.0	180.2	235.4	290.4	346.0	403.3	468.0	530.6	593.3	653.3
-57.5°	62.0	92.9	135.0	180.2	230.3	279.7	329.7	378.2	434.1	489.7	543.4
-60°	45.5	63.8	92.9	131.0	170.1	215.2	258.9	302.9	345.8	387.3	436.1
-62.5°	30.8	45.5	62.0	84.9	119.0	152.1	190.1	228.8	266.0	303.3	339.3
-65°	25.8	30.3	41.8	56.5	70.8	99.2	128.3	156.4	189.2	221.4	252.2
-67.5°	20.6	24.7	28.7	34.6	47.5	60.0	72.0	97.0	121.2	144.4	168.0
-70°	17.3	19.4	22.6	26.1	29.4	34.9	45.7	56.0	65.9	79.0	98.5
-72.5°	14.2	16.1	17.9	19.6	22.4	25.2	28.0	30.6	36.7	45.0	52.8
-75°	11.9	12.8	14.3	15.8	17.2	18.6	20.1	22.4	24.6	26.6	28.6
-77.5°	10.1	10.8	11.6	12.3	13.1	14.3	15.4	16.5	17.5	18.5	19.5
-80°	8.4	8.9	9.5	10.0	10.6	11.2	11.7	12.2	12.7	13.3	14.1
-82.5°	7.0	7.4	7.7	8.1	8.4	8.7	9.0	9.4	9.7	10.1	10.4
-85°	5.4	5.9	6.1	6.3	6.5	6.8	7.0	7.1	7.3	7.5	7.7
-87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.8	5.8
85°	7.8	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.8
82.5°	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.3	12.5	12.6	12.7
80°	14.8	15.4	16.1	16.7	17.2	17.7	18.1	18.5	18.9	19.1	19.4
77.5°	20.8	22.3	23.6	24.9	26.0	27.1	28.1	28.9	29.6	30.3	30.8
75°	30.5	33.5	39.0	44.2	49.0	53.4	57.3	60.8	63.8	66.4	68.5
72.5°	60.3	67.3	75.6	88.9	101.0	112.1	122.1	131.0	138.7	145.3	150.7
70°	117.1	134.5	150.9	167.4	184.9	200.8	215.2	227.9	239.1	248.5	256.3
67.5°	194.2	218.8	241.9	263.3	283.8	302.9	320.1	335.4	348.7	360.1	369.4
65°	282.0	311.1	338.3	363.7	387.3	413.8	437.7	459.0	477.5	493.3	506.3
62.5°	373.3	410.2	447.6	482.4	514.6	544.7	572.4	597.1	618.6	637.0	652.1
60°	482.4	526.3	569.0	609.0	646.0	679.8	709.2	735.4	758.3	777.8	793.8
57.5°	596.1	646.0	692.3	734.4	773.3	808.9	842.7	873.6	900.8	923.9	942.9
55°	709.2	761.2	810.2	858.6	904.3	946.2	982.0	1005.7	1026.5	1044.2	1058.8
52.5°	817.5	877.7	934.9	985.0	1019.6	1051.5	1080.4	1091.2	1097.8	1103.5	1108.2
50°	932.1	991.3	1034.3	1074.7	1093.0	1103.1	1112.3	1131.2	1158.1	1181.1	1200.2
47.5°	1024.6	1073.6	1095.2	1108.0	1128.6	1169.4	1206.5	1279.5	1523.4	1732.3	1905.1
45°	1090.0	1105.4	1128.9	1180.0	1227.6	1544.5	1879.0	2179.5	2401.4	2585.8	2738.6
42.5°	1112.2	1161.3	1219.3	1565.1	1991.8	2354.9	2648.3	2912.4	3053.3	3113.0	3162.4
40°	1181.0	1331.2	1847.5	2313.4	2685.3	3019.1	3113.3	3198.3	3269.9	3324.1	3369.2
37.5°	1443.5	2019.3	2503.1	2926.7	3106.9	3217.2	3307.8	3384.7	3452.5	3500.5	3540.5
35°	2077.0	2599.0	3032.0	3166.5	3286.7	3385.8	3472.4	3540.1	3600.3	3621.1	3629.9
32.5°	2599.0	3046.8	3196.8	3325.6	3439.1	3527.9	3608.2	3626.9	3640.1	3645.2	3644.0
30°	3032.0	3196.8	3338.7	3463.2	3561.9	3621.6	3638.9	3644.8	3643.1	3636.6	3618.0
27.5°	3166.5	3325.6	3463.2	3573.4	3626.3	3645.8	3643.6	3635.5	3607.8	3583.6	3664.7
25°	3286.7	3439.1	3561.9	3626.3	3645.5	3642.9	3621.1	3587.9	3685.5	3791.1	4540.1
22.5°	3385.8	3527.9	3621.6	3645.8	3642.9	3616.2	3606.4	3749.0	4521.5	5818.2	8136.1
20°	3472.4	3608.2	3638.9	3643.6	3621.1	3606.4	3770.5	5029.3	7081.3	11915.9	16604.5
17.5°	3540.1	3626.9	3644.8	3635.5	3587.9	3749.0	5029.3	8005.3	13875.5	21653.5	29214.8
15°	3600.3	3640.1	3643.1	3607.8	3685.5	4521.5	7081.3	13875.5	23385.3	35217.4	49621.6
12.5°	3621.1	3645.2	3636.6	3583.6	3791.1	5818.2	11915.9	21653.5	35217.4	53120.0	75042.6
10°	3629.9	3644.0	3618.0	3664.7	4540.1	8136.1	16604.5	29214.8	49621.6	75042.6	102486.0
7.5°	3636.8	3643.1	3603.1	3729.9	5348.0	11183.6	22145.7	39532.3	64565.4	95351.5	131778.6
5°	3641.8	3642.4	3592.3	3777.5	5940.1	13430.4	26262.5	47515.0	77271.9	114041.5	156522.6
2.5°	3644.9	3642.0	3585.7	3806.5	6301.9	14808.7	28802.8	52481.2	85272.3	126808.9	172656.4
0°	3645.9	3641.9	3583.5	3816.2	6423.6	15273.5	29662.1	54168.6	88009.2	131351.0	178314.0
-2.5°	3644.9	3642.0	3585.7	3806.5	6301.9	14808.7	28802.8	52481.2	85272.3	126808.9	172656.4
-5°	3641.8	3642.4	3592.3	3777.5	5940.1	13430.4	26262.5	47515.0	77271.9	114041.5	156522.6
-7.5°	3636.8	3643.1	3603.1	3729.9	5348.0	11183.6	22145.7	39532.3	64565.4	95351.5	131778.6
-10°	3629.9	3644.0	3618.0	3664.7	4540.1	8136.1	16604.5	29214.8	49621.6	75042.6	102486.0
-12.5°	3621.1	3645.2	3636.6	3583.6	3791.1	5818.2	11915.9	21653.5	35217.4	53120.0	75042.6
-15°	3600.3	3640.1	3643.1	3607.8	3685.5	4521.5	7081.3	13875.5	23385.3	35217.4	49621.6
-17.5°	3540.1	3626.9	3644.8	3635.5	3587.9	3749.0	5029.3	8005.3	13875.5	21653.5	29214.8
-20°	3472.4	3608.2	3638.9	3643.6	3621.1	3606.4	3770.5	5029.3	7081.3	11915.9	16604.5



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3385.8	3527.9	3621.6	3645.8	3642.9	3616.2	3606.4	3749.0	4521.5	5818.2	8136.1
-25°	3286.7	3439.1	3561.9	3626.3	3645.5	3642.9	3621.1	3587.9	3685.5	3791.1	4540.1
-27.5°	3166.5	3325.6	3463.2	3573.4	3626.3	3645.8	3643.6	3635.5	3607.8	3583.6	3664.7
-30°	3032.0	3196.8	3338.7	3463.2	3561.9	3621.6	3638.9	3644.8	3643.1	3636.6	3618.0
-32.5°	2599.0	3046.8	3196.8	3325.6	3439.1	3527.9	3608.2	3626.9	3640.1	3645.2	3644.0
-35°	2077.0	2599.0	3032.0	3166.5	3286.7	3385.8	3472.4	3540.1	3600.3	3621.1	3629.9
-37.5°	1443.5	2019.3	2503.1	2926.7	3106.9	3217.2	3307.8	3384.7	3452.5	3500.5	3540.5
-40°	1181.0	1331.2	1847.5	2313.4	2685.3	3019.1	3113.3	3198.3	3269.9	3324.1	3369.2
-42.5°	1112.2	1161.3	1219.3	1565.1	1991.8	2354.9	2648.3	2912.4	3053.3	3113.0	3162.4
-45°	1090.0	1105.4	1128.9	1180.0	1227.6	1544.5	1879.0	2179.5	2401.4	2585.8	2738.6
-47.5°	1024.6	1073.6	1095.2	1108.0	1128.6	1169.4	1206.5	1279.5	1523.4	1732.3	1905.1
-50°	932.1	991.3	1034.3	1074.7	1093.0	1103.1	1112.3	1131.2	1158.1	1181.1	1200.2
-52.5°	817.5	877.7	934.9	985.0	1019.6	1051.5	1080.4	1091.2	1097.8	1103.5	1108.2
-55°	709.2	761.2	810.2	858.6	904.3	946.2	982.0	1005.7	1026.5	1044.2	1058.8
-57.5°	596.1	646.0	692.3	734.4	773.3	808.9	842.7	873.6	900.8	923.9	942.9
-60°	482.4	526.3	569.0	609.0	646.0	679.8	709.2	735.4	758.3	777.8	793.8
-62.5°	373.3	410.2	447.6	482.4	514.6	544.7	572.4	597.1	618.6	637.0	652.1
-65°	282.0	311.1	338.3	363.7	387.3	413.8	437.7	459.0	477.5	493.3	506.3
-67.5°	194.2	218.8	241.9	263.3	283.8	302.9	320.1	335.4	348.7	360.1	369.4
-70°	117.1	134.5	150.9	167.4	184.9	200.8	215.2	227.9	239.1	248.5	256.3
-72.5°	60.3	67.3	75.6	88.9	101.0	112.1	122.1	131.0	138.7	145.3	150.7
-75°	30.5	33.5	39.0	44.2	49.0	53.4	57.3	60.8	63.8	66.4	68.5
-77.5°	20.8	22.3	23.6	24.9	26.0	27.1	28.1	28.9	29.6	30.3	30.8
-80°	14.8	15.4	16.1	16.7	17.2	17.7	18.1	18.5	18.9	19.1	19.4
-82.5°	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.3	12.5	12.6	12.7
-85°	7.8	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.8
-87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.8	5.8
-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: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-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°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
85°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.6
82.5°	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.6	12.5	12.3
80°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.1	18.9	18.5
77.5°	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.8	30.3	29.6	28.9
75°	70.2	71.4	72.1	72.3	72.1	71.4	70.2	68.5	66.4	63.8	60.8
72.5°	155.0	158.0	159.8	160.4	159.8	158.0	155.0	150.7	145.3	138.7	131.0
70°	262.4	266.7	269.3	270.2	269.3	266.7	262.4	256.3	248.5	239.1	227.9
67.5°	376.7	381.9	385.1	386.1	385.1	381.9	376.7	369.4	360.1	348.7	335.4
65°	516.5	523.8	528.1	529.6	528.1	523.8	516.5	506.3	493.3	477.5	459.0
62.5°	663.9	672.3	677.4	679.1	677.4	672.3	663.9	652.1	637.0	618.6	597.1
60°	806.4	815.4	820.8	822.6	820.8	815.4	806.4	793.8	777.8	758.3	735.4
57.5°	957.8	968.5	975.0	977.1	975.0	968.5	957.8	942.9	923.9	900.8	873.6
55°	1070.2	1078.4	1083.4	1085.0	1083.4	1078.4	1070.2	1058.8	1044.2	1026.5	1005.7
52.5°	1111.9	1114.5	1116.1	1116.6	1116.1	1114.5	1111.9	1108.2	1103.5	1097.8	1091.2
50°	1215.1	1225.8	1232.2	1234.4	1232.2	1225.8	1215.1	1200.2	1181.1	1158.1	1131.2
47.5°	2040.6	2138.0	2196.8	2216.4	2196.8	2138.0	2040.6	1905.1	1732.3	1523.4	1279.5
45°	2858.5	2944.8	2996.9	3014.3	2996.9	2944.8	2858.5	2738.6	2585.8	2401.4	2179.5
42.5°	3201.3	3229.3	3246.2	3251.9	3246.2	3229.3	3201.3	3162.4	3113.0	3053.3	2912.4
40°	3404.7	3430.3	3445.7	3450.9	3445.7	3430.3	3404.7	3369.2	3324.1	3269.9	3198.3
37.5°	3572.0	3594.8	3608.6	3613.2	3608.6	3594.8	3572.0	3540.5	3500.5	3452.5	3384.7
35°	3636.8	3641.8	3644.9	3645.9	3644.9	3641.8	3636.8	3629.9	3621.1	3600.3	3540.1
32.5°	3643.1	3642.4	3642.0	3641.9	3642.0	3642.4	3643.1	3644.0	3645.2	3640.1	3626.9
30°	3603.1	3592.3	3585.7	3583.5	3585.7	3592.3	3603.1	3618.0	3636.6	3643.1	3644.8
27.5°	3729.9	3777.5	3806.5	3816.2	3806.5	3777.5	3729.9	3664.7	3583.6	3607.8	3635.5
25°	5348.0	5940.1	6301.9	6423.6	6301.9	5940.1	5348.0	4540.1	3791.1	3685.5	3587.9
22.5°	11183.6	13430.4	14808.7	15273.5	14808.7	13430.4	11183.6	8136.1	5818.2	4521.5	3749.0
20°	22145.7	26262.5	28802.8	29662.1	28802.8	26262.5	22145.7	16604.5	11915.9	7081.3	5029.3
17.5°	39532.3	47515.0	52481.2	54168.6	52481.2	47515.0	39532.3	29214.8	21653.5	13875.5	8005.3
15°	64565.4	77271.9	85272.3	88009.2	85272.3	77271.9	64565.4	49621.6	35217.4	23385.3	13875.5
12.5°	95351.5	114041.5	126808.9	131351.0	126808.9	114041.5	95351.5	75042.6	53120.0	35217.4	21653.5
10°	131778.6	156522.6	172656.4	178314.0	172656.4	156522.6	131778.6	102486.0	75042.6	49621.6	29214.8
7.5°	167332.1	196708.7	218377.5	226219.9	218377.5	196708.7	167332.1	131778.6	95351.5	64565.4	39532.3
5°	196708.7	234645.3	257906.2	265259.0	257906.2	234645.3	196708.7	156522.6	114041.5	77271.9	47515.0
2.5°	218377.5	257906.2	283050.8	296088.7	283050.8	257906.2	218377.5	172656.4	126808.9	85272.3	52481.2
0°	226219.9	265259.0	296088.7	318218.9	296088.7	265259.0	226219.9	178314.0	131351.0	88009.2	54168.6
-2.5°	218377.5	257906.2	283050.8	296088.7	283050.8	257906.2	218377.5	172656.4	126808.9	85272.3	52481.2
-5°	196708.7	234645.3	257906.2	265259.0	257906.2	234645.3	196708.7	156522.6	114041.5	77271.9	47515.0
-7.5°	167332.1	196708.7	218377.5	226219.9	218377.5	196708.7	167332.1	131778.6	95351.5	64565.4	39532.3
-10°	131778.6	156522.6	172656.4	178314.0	172656.4	156522.6	131778.6	102486.0	75042.6	49621.6	29214.8
-12.5°	95351.5	114041.5	126808.9	131351.0	126808.9	114041.5	95351.5	75042.6	53120.0	35217.4	21653.5
-15°	64565.4	77271.9	85272.3	88009.2	85272.3	77271.9	64565.4	49621.6	35217.4	23385.3	13875.5
-17.5°	39532.3	47515.0	52481.2	54168.6	52481.2	47515.0	39532.3	29214.8	21653.5	13875.5	8005.3
-20°	22145.7	26262.5	28802.8	29662.1	28802.8	26262.5	22145.7	16604.5	11915.9	7081.3	5029.3



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11183.6	13430.4	14808.7	15273.5	14808.7	13430.4	11183.6	8136.1	5818.2	4521.5	3749.0
-25°	5348.0	5940.1	6301.9	6423.6	6301.9	5940.1	5348.0	4540.1	3791.1	3685.5	3587.9
-27.5°	3729.9	3777.5	3806.5	3816.2	3806.5	3777.5	3729.9	3664.7	3583.6	3607.8	3635.5
-30°	3603.1	3592.3	3585.7	3583.5	3585.7	3592.3	3603.1	3618.0	3636.6	3643.1	3644.8
-32.5°	3643.1	3642.4	3642.0	3641.9	3642.0	3642.4	3643.1	3644.0	3645.2	3640.1	3626.9
-35°	3636.8	3641.8	3644.9	3645.9	3644.9	3641.8	3636.8	3629.9	3621.1	3600.3	3540.1
-37.5°	3572.0	3594.8	3608.6	3613.2	3608.6	3594.8	3572.0	3540.5	3500.5	3452.5	3384.7
-40°	3404.7	3430.3	3445.7	3450.9	3445.7	3430.3	3404.7	3369.2	3324.1	3269.9	3198.3
-42.5°	3201.3	3229.3	3246.2	3251.9	3246.2	3229.3	3201.3	3162.4	3113.0	3053.3	2912.4
-45°	2858.5	2944.8	2996.9	3014.3	2996.9	2944.8	2858.5	2738.6	2585.8	2401.4	2179.5
-47.5°	2040.6	2138.0	2196.8	2216.4	2196.8	2138.0	2040.6	1905.1	1732.3	1523.4	1279.5
-50°	1215.1	1225.8	1232.2	1234.4	1232.2	1225.8	1215.1	1200.2	1181.1	1158.1	1131.2
-52.5°	1111.9	1114.5	1116.1	1116.6	1116.1	1114.5	1111.9	1108.2	1103.5	1097.8	1091.2
-55°	1070.2	1078.4	1083.4	1085.0	1083.4	1078.4	1070.2	1058.8	1044.2	1026.5	1005.7
-57.5°	957.8	968.5	975.0	977.1	975.0	968.5	957.8	942.9	923.9	900.8	873.6
-60°	806.4	815.4	820.8	822.6	820.8	815.4	806.4	793.8	777.8	758.3	735.4
-62.5°	663.9	672.3	677.4	679.1	677.4	672.3	663.9	652.1	637.0	618.6	597.1
-65°	516.5	523.8	528.1	529.6	528.1	523.8	516.5	506.3	493.3	477.5	459.0
-67.5°	376.7	381.9	385.1	386.1	385.1	381.9	376.7	369.4	360.1	348.7	335.4
-70°	262.4	266.7	269.3	270.2	269.3	266.7	262.4	256.3	248.5	239.1	227.9
-72.5°	155.0	158.0	159.8	160.4	159.8	158.0	155.0	150.7	145.3	138.7	131.0
-75°	70.2	71.4	72.1	72.3	72.1	71.4	70.2	68.5	66.4	63.8	60.8
-77.5°	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.8	30.3	29.6	28.9
-80°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.1	18.9	18.5
-82.5°	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.6	12.5	12.3
-85°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.6
-87.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
85°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.3	7.1
82.5°	12.2	12.0	11.8	11.5	11.3	11.0	10.7	10.4	10.1	9.7	9.4
80°	18.1	17.7	17.2	16.7	16.1	15.4	14.8	14.1	13.3	12.7	12.2
77.5°	28.1	27.1	26.0	24.9	23.6	22.3	20.8	19.5	18.5	17.5	16.5
75°	57.3	53.4	49.0	44.2	39.0	33.5	30.5	28.6	26.6	24.6	22.4
72.5°	122.1	112.1	101.0	88.9	75.6	67.3	60.3	52.8	45.0	36.7	30.6
70°	215.2	200.8	184.9	167.4	150.9	134.5	117.1	98.5	79.0	65.9	56.0
67.5°	320.1	302.9	283.8	263.3	241.9	218.8	194.2	168.0	144.4	121.2	97.0
65°	437.7	413.8	387.3	363.7	338.3	311.1	282.0	252.2	221.4	189.2	156.4
62.5°	572.4	544.7	514.6	482.4	447.6	410.2	373.3	339.3	303.3	266.0	228.8
60°	709.2	679.8	646.0	609.0	569.0	526.3	482.4	436.1	387.3	345.8	302.9
57.5°	842.7	808.9	773.3	734.4	692.3	646.0	596.1	543.4	489.7	434.1	378.2
55°	982.0	946.2	904.3	858.6	810.2	761.2	709.2	653.3	593.3	530.6	468.0
52.5°	1080.4	1051.5	1019.6	985.0	934.9	877.7	817.5	758.3	696.1	629.4	559.3
50°	1112.3	1103.1	1093.0	1074.7	1034.3	991.3	932.1	863.5	793.8	724.4	651.2
47.5°	1206.5	1169.4	1128.6	1108.0	1095.2	1073.6	1024.6	971.6	894.7	815.4	738.6
45°	1879.0	1544.5	1227.6	1180.0	1128.9	1105.4	1090.0	1047.2	990.0	910.5	822.6
42.5°	2648.3	2354.9	1991.8	1565.1	1219.3	1161.3	1112.2	1095.1	1058.6	995.6	910.5
40°	3113.3	3019.1	2685.3	2313.4	1847.5	1331.2	1181.0	1115.7	1096.8	1058.6	990.0
37.5°	3307.8	3217.2	3106.9	2926.7	2503.1	2019.3	1443.5	1187.6	1115.7	1095.1	1047.2
35°	3472.4	3385.8	3286.7	3166.5	3032.0	2599.0	2077.0	1443.5	1181.0	1112.2	1090.0
32.5°	3608.2	3527.9	3439.1	3325.6	3196.8	3046.8	2599.0	2019.3	1331.2	1161.3	1105.4
30°	3638.9	3621.6	3561.9	3463.2	3338.7	3196.8	3032.0	2503.1	1847.5	1219.3	1128.9
27.5°	3643.6	3645.8	3626.3	3573.4	3463.2	3325.6	3166.5	2926.7	2313.4	1565.1	1180.0
25°	3621.1	3642.9	3645.5	3626.3	3561.9	3439.1	3286.7	3106.9	2685.3	1991.8	1227.6
22.5°	3606.4	3616.2	3642.9	3645.8	3621.6	3527.9	3385.8	3217.2	3019.1	2354.9	1544.5
20°	3770.5	3606.4	3621.1	3643.6	3638.9	3608.2	3472.4	3307.8	3113.3	2648.3	1879.0
17.5°	5029.3	3749.0	3587.9	3635.5	3644.8	3626.9	3540.1	3384.7	3198.3	2912.4	2179.5
15°	7081.3	4521.5	3685.5	3607.8	3643.1	3640.1	3600.3	3452.5	3269.9	3053.3	2401.4
12.5°	11915.9	5818.2	3791.1	3583.6	3636.6	3645.2	3621.1	3500.5	3324.1	3113.0	2585.8
10°	16604.5	8136.1	4540.1	3664.7	3618.0	3644.0	3629.9	3540.5	3369.2	3162.4	2738.6
7.5°	22145.7	11183.6	5348.0	3729.9	3603.1	3643.1	3636.8	3572.0	3404.7	3201.3	2858.5
5°	26262.5	13430.4	5940.1	3777.5	3592.3	3642.4	3641.8	3594.8	3430.3	3229.3	2944.8
2.5°	28802.8	14808.7	6301.9	3806.5	3585.7	3642.0	3644.9	3608.6	3445.7	3246.2	2996.9
0°	29662.1	15273.5	6423.6	3816.2	3583.5	3641.9	3645.9	3613.2	3450.9	3251.9	3014.3
-2.5°	28802.8	14808.7	6301.9	3806.5	3585.7	3642.0	3644.9	3608.6	3445.7	3246.2	2996.9
-5°	26262.5	13430.4	5940.1	3777.5	3592.3	3642.4	3641.8	3594.8	3430.3	3229.3	2944.8
-7.5°	22145.7	11183.6	5348.0	3729.9	3603.1	3643.1	3636.8	3572.0	3404.7	3201.3	2858.5
-10°	16604.5	8136.1	4540.1	3664.7	3618.0	3644.0	3629.9	3540.5	3369.2	3162.4	2738.6
-12.5°	11915.9	5818.2	3791.1	3583.6	3636.6	3645.2	3621.1	3500.5	3324.1	3113.0	2585.8
-15°	7081.3	4521.5	3685.5	3607.8	3643.1	3640.1	3600.3	3452.5	3269.9	3053.3	2401.4
-17.5°	5029.3	3749.0	3587.9	3635.5	3644.8	3626.9	3540.1	3384.7	3198.3	2912.4	2179.5
-20°	3770.5	3606.4	3621.1	3643.6	3638.9	3608.2	3472.4	3307.8	3113.3	2648.3	1879.0



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3606.4	3616.2	3642.9	3645.8	3621.6	3527.9	3385.8	3217.2	3019.1	2354.9	1544.5
-25°	3621.1	3642.9	3645.5	3626.3	3561.9	3439.1	3286.7	3106.9	2685.3	1991.8	1227.6
-27.5°	3643.6	3645.8	3626.3	3573.4	3463.2	3325.6	3166.5	2926.7	2313.4	1565.1	1180.0
-30°	3638.9	3621.6	3561.9	3463.2	3338.7	3196.8	3032.0	2503.1	1847.5	1219.3	1128.9
-32.5°	3608.2	3527.9	3439.1	3325.6	3196.8	3046.8	2599.0	2019.3	1331.2	1161.3	1105.4
-35°	3472.4	3385.8	3286.7	3166.5	3032.0	2599.0	2077.0	1443.5	1181.0	1112.2	1090.0
-37.5°	3307.8	3217.2	3106.9	2926.7	2503.1	2019.3	1443.5	1187.6	1115.7	1095.1	1047.2
-40°	3113.3	3019.1	2685.3	2313.4	1847.5	1331.2	1181.0	1115.7	1096.8	1058.6	990.0
-42.5°	2648.3	2354.9	1991.8	1565.1	1219.3	1161.3	1112.2	1095.1	1058.6	995.6	910.5
-45°	1879.0	1544.5	1227.6	1180.0	1128.9	1105.4	1090.0	1047.2	990.0	910.5	822.6
-47.5°	1206.5	1169.4	1128.6	1108.0	1095.2	1073.6	1024.6	971.6	894.7	815.4	738.6
-50°	1112.3	1103.1	1093.0	1074.7	1034.3	991.3	932.1	863.5	793.8	724.4	651.2
-52.5°	1080.4	1051.5	1019.6	985.0	934.9	877.7	817.5	758.3	696.1	629.4	559.3
-55°	982.0	946.2	904.3	858.6	810.2	761.2	709.2	653.3	593.3	530.6	468.0
-57.5°	842.7	808.9	773.3	734.4	692.3	646.0	596.1	543.4	489.7	434.1	378.2
-60°	709.2	679.8	646.0	609.0	569.0	526.3	482.4	436.1	387.3	345.8	302.9
-62.5°	572.4	544.7	514.6	482.4	447.6	410.2	373.3	339.3	303.3	266.0	228.8
-65°	437.7	413.8	387.3	363.7	338.3	311.1	282.0	252.2	221.4	189.2	156.4
-67.5°	320.1	302.9	283.8	263.3	241.9	218.8	194.2	168.0	144.4	121.2	97.0
-70°	215.2	200.8	184.9	167.4	150.9	134.5	117.1	98.5	79.0	65.9	56.0
-72.5°	122.1	112.1	101.0	88.9	75.6	67.3	60.3	52.8	45.0	36.7	30.6
-75°	57.3	53.4	49.0	44.2	39.0	33.5	30.5	28.6	26.6	24.6	22.4
-77.5°	28.1	27.1	26.0	24.9	23.6	22.3	20.8	19.5	18.5	17.5	16.5
-80°	18.1	17.7	17.2	16.7	16.1	15.4	14.8	14.1	13.3	12.7	12.2
-82.5°	12.2	12.0	11.8	11.5	11.3	11.0	10.7	10.4	10.1	9.7	9.4
-85°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.3	7.1
-87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-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: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-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°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
85°	7.0	6.8	6.5	6.3	6.1	5.9	5.4	5.0	4.5	4.0	3.5
82.5°	9.0	8.7	8.4	8.1	7.7	7.4	7.0	6.7	6.3	6.0	5.3
80°	11.7	11.2	10.6	10.0	9.5	8.9	8.4	8.0	7.5	7.0	6.5
77.5°	15.4	14.3	13.1	12.3	11.6	10.8	10.1	9.3	8.6	8.0	7.4
75°	20.1	18.6	17.2	15.8	14.3	12.8	11.9	10.9	10.0	9.0	8.3
72.5°	28.0	25.2	22.4	19.6	17.9	16.1	14.2	12.6	11.5	10.3	9.2
70°	45.7	34.9	29.4	26.1	22.6	19.4	17.3	15.1	13.0	11.6	10.3
67.5°	72.0	60.0	47.5	34.6	28.7	24.7	20.6	17.9	15.4	13.0	11.5
65°	128.3	99.2	70.8	56.5	41.8	30.3	25.8	21.2	17.9	15.1	12.6
62.5°	190.1	152.1	119.0	84.9	62.0	45.5	30.8	25.8	20.6	17.3	14.2
60°	258.9	215.2	170.1	131.0	92.9	63.8	45.5	30.3	24.7	19.4	16.1
57.5°	329.7	279.7	230.3	180.2	135.0	92.9	62.0	41.8	28.7	22.6	17.9
55°	403.3	346.0	290.4	235.4	180.2	131.0	84.9	56.5	34.6	26.1	19.6
52.5°	488.6	416.8	351.4	290.4	230.3	170.1	119.0	70.8	47.5	29.4	22.4
50°	573.7	495.4	416.8	346.0	279.7	215.2	152.1	99.2	60.0	34.9	25.2
47.5°	658.6	573.7	488.6	403.3	329.7	258.9	190.1	128.3	72.0	45.7	28.0
45°	738.6	651.2	559.3	468.0	378.2	302.9	228.8	156.4	97.0	56.0	30.6
42.5°	815.4	724.4	629.4	530.6	434.1	345.8	266.0	189.2	121.2	65.9	36.7
40°	894.7	793.8	696.1	593.3	489.7	387.3	303.3	221.4	144.4	79.0	45.0
37.5°	971.6	863.5	758.3	653.3	543.4	436.1	339.3	252.2	168.0	98.5	52.8
35°	1024.6	932.1	817.5	709.2	596.1	482.4	373.3	282.0	194.2	117.1	60.3
32.5°	1073.6	991.3	877.7	761.2	646.0	526.3	410.2	311.1	218.8	134.5	67.3
30°	1095.2	1034.3	934.9	810.2	692.3	569.0	447.6	338.3	241.9	150.9	75.6
27.5°	1108.0	1074.7	985.0	858.6	734.4	609.0	482.4	363.7	263.3	167.4	88.9
25°	1128.6	1093.0	1019.6	904.3	773.3	646.0	514.6	387.3	283.8	184.9	101.0
22.5°	1169.4	1103.1	1051.5	946.2	808.9	679.8	544.7	413.8	302.9	200.8	112.1
20°	1206.5	1112.3	1080.4	982.0	842.7	709.2	572.4	437.7	320.1	215.2	122.1
17.5°	1279.5	1131.2	1091.2	1005.7	873.6	735.4	597.1	459.0	335.4	227.9	131.0
15°	1523.4	1158.1	1097.8	1026.5	900.8	758.3	618.6	477.5	348.7	239.1	138.7
12.5°	1732.3	1181.1	1103.5	1044.2	923.9	777.8	637.0	493.3	360.1	248.5	145.3
10°	1905.1	1200.2	1108.2	1058.8	942.9	793.8	652.1	506.3	369.4	256.3	150.7
7.5°	2040.6	1215.1	1111.9	1070.2	957.8	806.4	663.9	516.5	376.7	262.4	155.0
5°	2138.0	1225.8	1114.5	1078.4	968.5	815.4	672.3	523.8	381.9	266.7	158.0
2.5°	2196.8	1232.2	1116.1	1083.4	975.0	820.8	677.4	528.1	385.1	269.3	159.8
0°	2216.4	1234.4	1116.6	1085.0	977.1	822.6	679.1	529.6	386.1	270.2	160.4
-2.5°	2196.8	1232.2	1116.1	1083.4	975.0	820.8	677.4	528.1	385.1	269.3	159.8
-5°	2138.0	1225.8	1114.5	1078.4	968.5	815.4	672.3	523.8	381.9	266.7	158.0
-7.5°	2040.6	1215.1	1111.9	1070.2	957.8	806.4	663.9	516.5	376.7	262.4	155.0
-10°	1905.1	1200.2	1108.2	1058.8	942.9	793.8	652.1	506.3	369.4	256.3	150.7
-12.5°	1732.3	1181.1	1103.5	1044.2	923.9	777.8	637.0	493.3	360.1	248.5	145.3
-15°	1523.4	1158.1	1097.8	1026.5	900.8	758.3	618.6	477.5	348.7	239.1	138.7
-17.5°	1279.5	1131.2	1091.2	1005.7	873.6	735.4	597.1	459.0	335.4	227.9	131.0
-20°	1206.5	1112.3	1080.4	982.0	842.7	709.2	572.4	437.7	320.1	215.2	122.1



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1169.4	1103.1	1051.5	946.2	808.9	679.8	544.7	413.8	302.9	200.8	112.1
-25°	1128.6	1093.0	1019.6	904.3	773.3	646.0	514.6	387.3	283.8	184.9	101.0
-27.5°	1108.0	1074.7	985.0	858.6	734.4	609.0	482.4	363.7	263.3	167.4	88.9
-30°	1095.2	1034.3	934.9	810.2	692.3	569.0	447.6	338.3	241.9	150.9	75.6
-32.5°	1073.6	991.3	877.7	761.2	646.0	526.3	410.2	311.1	218.8	134.5	67.3
-35°	1024.6	932.1	817.5	709.2	596.1	482.4	373.3	282.0	194.2	117.1	60.3
-37.5°	971.6	863.5	758.3	653.3	543.4	436.1	339.3	252.2	168.0	98.5	52.8
-40°	894.7	793.8	696.1	593.3	489.7	387.3	303.3	221.4	144.4	79.0	45.0
-42.5°	815.4	724.4	629.4	530.6	434.1	345.8	266.0	189.2	121.2	65.9	36.7
-45°	738.6	651.2	559.3	468.0	378.2	302.9	228.8	156.4	97.0	56.0	30.6
-47.5°	658.6	573.7	488.6	403.3	329.7	258.9	190.1	128.3	72.0	45.7	28.0
-50°	573.7	495.4	416.8	346.0	279.7	215.2	152.1	99.2	60.0	34.9	25.2
-52.5°	488.6	416.8	351.4	290.4	230.3	170.1	119.0	70.8	47.5	29.4	22.4
-55°	403.3	346.0	290.4	235.4	180.2	131.0	84.9	56.5	34.6	26.1	19.6
-57.5°	329.7	279.7	230.3	180.2	135.0	92.9	62.0	41.8	28.7	22.6	17.9
-60°	258.9	215.2	170.1	131.0	92.9	63.8	45.5	30.3	24.7	19.4	16.1
-62.5°	190.1	152.1	119.0	84.9	62.0	45.5	30.8	25.8	20.6	17.3	14.2
-65°	128.3	99.2	70.8	56.5	41.8	30.3	25.8	21.2	17.9	15.1	12.6
-67.5°	72.0	60.0	47.5	34.6	28.7	24.7	20.6	17.9	15.4	13.0	11.5
-70°	45.7	34.9	29.4	26.1	22.6	19.4	17.3	15.1	13.0	11.6	10.3
-72.5°	28.0	25.2	22.4	19.6	17.9	16.1	14.2	12.6	11.5	10.3	9.2
-75°	20.1	18.6	17.2	15.8	14.3	12.8	11.9	10.9	10.0	9.0	8.3
-77.5°	15.4	14.3	13.1	12.3	11.6	10.8	10.1	9.3	8.6	8.0	7.4
-80°	11.7	11.2	10.6	10.0	9.5	8.9	8.4	8.0	7.5	7.0	6.5
-82.5°	9.0	8.7	8.4	8.1	7.7	7.4	7.0	6.7	6.3	6.0	5.3
-85°	7.0	6.8	6.5	6.3	6.1	5.9	5.4	5.0	4.5	4.0	3.5
-87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
-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: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
80°	6.0	5.1	4.1	3.1	2.0	1.0	0.0
77.5°	6.8	6.1	5.1	3.8	2.6	1.3	0.0
75°	7.5	6.8	6.0	4.6	3.1	1.5	0.0
72.5°	8.3	7.4	6.5	5.3	3.5	1.8	0.0
70°	9.0	8.0	7.0	6.0	4.0	2.0	0.0
67.5°	10.0	8.6	7.5	6.3	4.5	2.3	0.0
65°	10.9	9.3	8.0	6.7	5.0	2.5	0.0
62.5°	11.9	10.1	8.4	7.0	5.4	2.7	0.0
60°	12.8	10.8	8.9	7.4	5.9	2.9	0.0
57.5°	14.3	11.6	9.5	7.7	6.1	3.2	0.0
55°	15.8	12.3	10.0	8.1	6.3	3.4	0.0
52.5°	17.2	13.1	10.6	8.4	6.5	3.6	0.0
50°	18.6	14.3	11.2	8.7	6.8	3.8	0.0
47.5°	20.1	15.4	11.7	9.0	7.0	4.0	0.0
45°	22.4	16.5	12.2	9.4	7.1	4.2	0.0
42.5°	24.6	17.5	12.7	9.7	7.3	4.3	0.0
40°	26.6	18.5	13.3	10.1	7.5	4.5	0.0
37.5°	28.6	19.5	14.1	10.4	7.7	4.7	0.0
35°	30.5	20.8	14.8	10.7	7.8	4.8	0.0
32.5°	33.5	22.3	15.4	11.0	8.0	5.0	0.0
30°	39.0	23.6	16.1	11.3	8.1	5.1	0.0
27.5°	44.2	24.9	16.7	11.5	8.2	5.2	0.0
25°	49.0	26.0	17.2	11.8	8.3	5.3	0.0
22.5°	53.4	27.1	17.7	12.0	8.4	5.5	0.0
20°	57.3	28.1	18.1	12.2	8.5	5.5	0.0
17.5°	60.8	28.9	18.5	12.3	8.6	5.6	0.0
15°	63.8	29.6	18.9	12.5	8.7	5.7	0.0
12.5°	66.4	30.3	19.1	12.6	8.8	5.8	0.0
10°	68.5	30.8	19.4	12.7	8.8	5.8	0.0
7.5°	70.2	31.2	19.6	12.8	8.8	5.8	0.0
5°	71.4	31.5	19.7	12.9	8.9	5.9	0.0
2.5°	72.1	31.6	19.8	12.9	8.9	5.9	0.0
0°	72.3	31.7	19.8	12.9	8.9	5.9	0.0
-2.5°	72.1	31.6	19.8	12.9	8.9	5.9	0.0
-5°	71.4	31.5	19.7	12.9	8.9	5.9	0.0
-7.5°	70.2	31.2	19.6	12.8	8.8	5.8	0.0
-10°	68.5	30.8	19.4	12.7	8.8	5.8	0.0
-12.5°	66.4	30.3	19.1	12.6	8.8	5.8	0.0
-15°	63.8	29.6	18.9	12.5	8.7	5.7	0.0
-17.5°	60.8	28.9	18.5	12.3	8.6	5.6	0.0
-20°	57.3	28.1	18.1	12.2	8.5	5.5	0.0



REPORT NUMBER: P1305372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.4	27.1	17.7	12.0	8.4	5.5	0.0
-25°	49.0	26.0	17.2	11.8	8.3	5.3	0.0
-27.5°	44.2	24.9	16.7	11.5	8.2	5.2	0.0
-30°	39.0	23.6	16.1	11.3	8.1	5.1	0.0
-32.5°	33.5	22.3	15.4	11.0	8.0	5.0	0.0
-35°	30.5	20.8	14.8	10.7	7.8	4.8	0.0
-37.5°	28.6	19.5	14.1	10.4	7.7	4.7	0.0
-40°	26.6	18.5	13.3	10.1	7.5	4.5	0.0
-42.5°	24.6	17.5	12.7	9.7	7.3	4.3	0.0
-45°	22.4	16.5	12.2	9.4	7.1	4.2	0.0
-47.5°	20.1	15.4	11.7	9.0	7.0	4.0	0.0
-50°	18.6	14.3	11.2	8.7	6.8	3.8	0.0
-52.5°	17.2	13.1	10.6	8.4	6.5	3.6	0.0
-55°	15.8	12.3	10.0	8.1	6.3	3.4	0.0
-57.5°	14.3	11.6	9.5	7.7	6.1	3.2	0.0
-60°	12.8	10.8	8.9	7.4	5.9	2.9	0.0
-62.5°	11.9	10.1	8.4	7.0	5.4	2.7	0.0
-65°	10.9	9.3	8.0	6.7	5.0	2.5	0.0
-67.5°	10.0	8.6	7.5	6.3	4.5	2.3	0.0
-70°	9.0	8.0	7.0	6.0	4.0	2.0	0.0
-72.5°	8.3	7.4	6.5	5.3	3.5	1.8	0.0
-75°	7.5	6.8	6.0	4.6	3.1	1.5	0.0
-77.5°	6.8	6.1	5.1	3.8	2.6	1.3	0.0
-80°	6.0	5.1	4.1	3.1	2.0	1.0	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)