

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: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-70-3S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

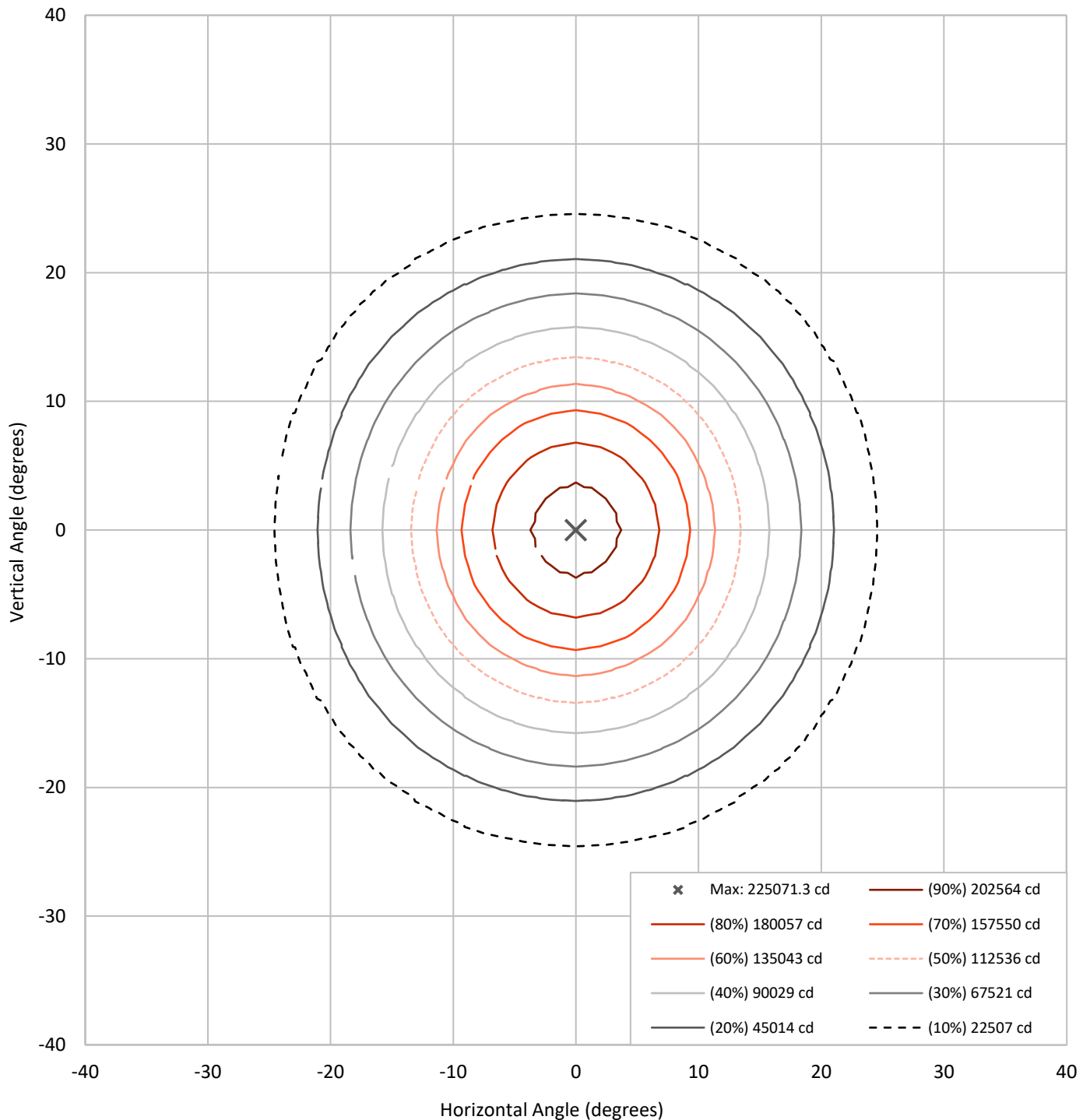
Test Method: LM-79-08  
Report Number: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320L-57-70-3S-HEG-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	60788.8 lumens	Max Intensity:	225071.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	182.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	26357.1 lumens	Field Lumens:	50460.7 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
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		

REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

### Iso-Candela Plot





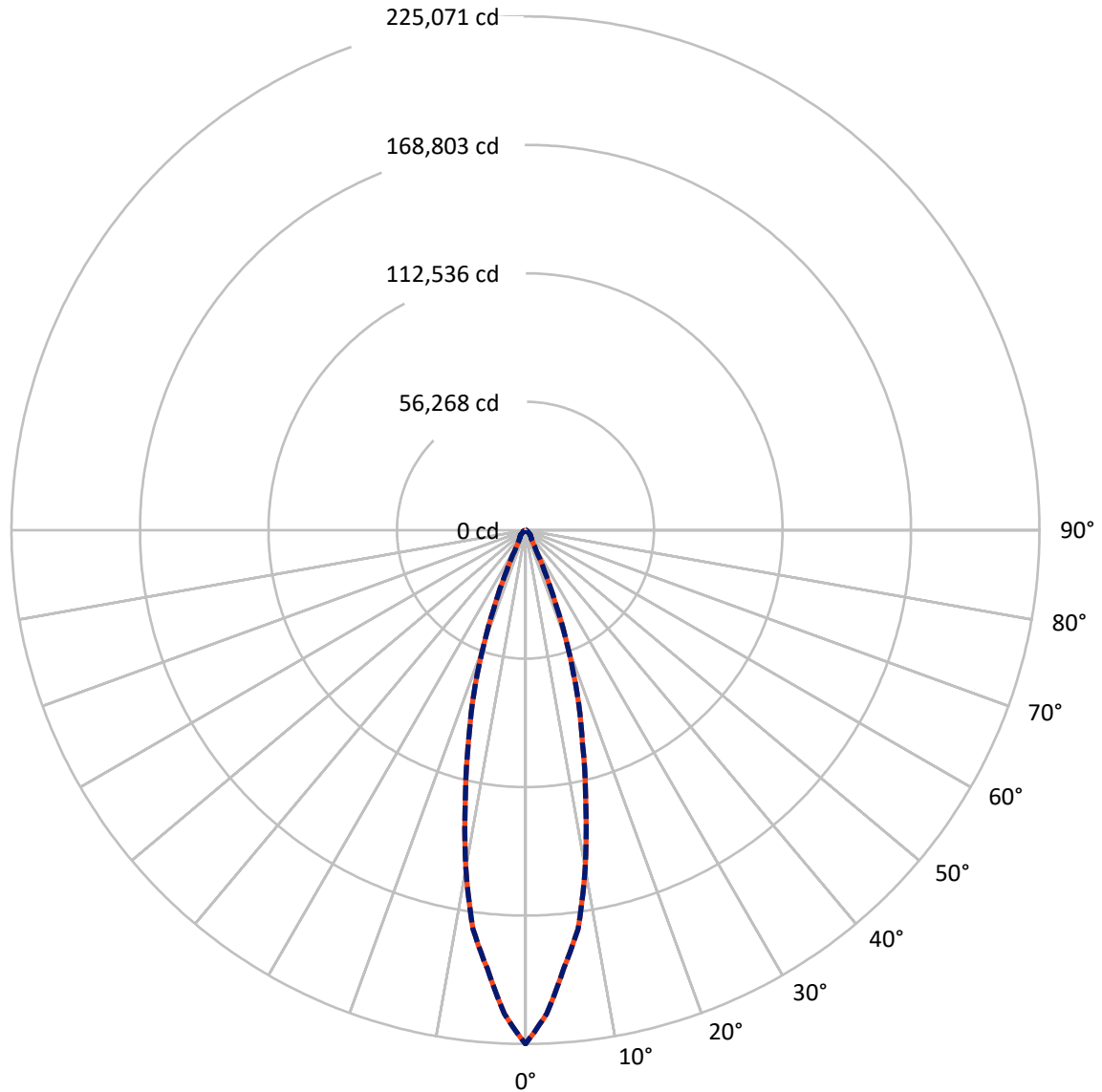
REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

### Lumen Table

90	0.1	0.5		2.1		5.5		7.3		5.5		2.1		0.5		0.1			
80	0.1	0.5		2.1		5.5		7.3		5.5		2.1		0.5		0.1			
70	0.2	0.3	1.3	4.0	7.9	12.0	15.4	17.3	17.3	15.4	12.0	7.9	4.0	1.3	0.3	0.2			
60		1.0	4.7	11.1	19.0	27.1	33.6	37.2	37.2	33.6	27.1	19.0	11.1	4.7	1.0				
50	0.7	2.5	9.1	19.2	31.8	50.1	71.7	84.2	84.2	71.7	50.1	31.8	19.2	9.1	2.5	0.7			
40		4.2	13.4	27.6	56.2	92.5	119.0	139.8	139.8	119.0	92.5	56.2	27.6	13.4	4.2				
30	1.6	5.8	17.4	39.4	83.8	132.6	306.7	630.7	630.7	306.7	132.6	83.8	39.4	17.4	5.8	1.6			
20		7.0	20.2	53.1	101.3	289.5	1341.6	2686.7	2686.7	1341.6	289.5	101.3	53.1	20.2	7.0				
10	2.1	7.6	21.6	60.3	115.6	580.6	2613.1	5153.6	5153.6	2613.1	580.6	115.6	60.3	21.6	7.6	2.1			
0		7.6	21.6	60.3	115.6	580.6	2613.1	5153.6	5153.6	2613.1	580.6	115.6	60.3	21.6	7.6				
-10	1.6	7.0	20.2	53.1	101.3	289.5	1341.6	2686.7	2686.7	1341.6	289.5	101.3	53.1	20.2	7.0	1.6			
-20		5.8	17.4	39.4	83.8	132.6	306.7	630.7	630.7	306.7	132.6	83.8	39.4	17.4	5.8				
-30	0.7	4.2	13.4	27.6	56.2	92.5	119.0	139.8	139.8	119.0	92.5	56.2	27.6	13.4	4.2	0.7			
-40		2.5	9.1	19.2	31.8	50.1	71.7	84.2	84.2	71.7	50.1	31.8	19.2	9.1	2.5				
-50	0.2	1.0	4.7	11.1	19.0	27.1	33.6	37.2	37.2	33.6	27.1	19.0	11.1	4.7	1.0	0.2			
-60		0.3	1.3	4.0	7.9	12.0	15.4	17.3	17.3	15.4	12.0	7.9	4.0	1.3	0.3				
-70	0.1	0.5		2.1		5.5		7.3		5.5		2.1		0.5		0.1			
-80		0.5		2.1		5.5		7.3		5.5		2.1		0.5					
-90	0.1	0.5		2.1		5.5		7.3		5.5		2.1		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

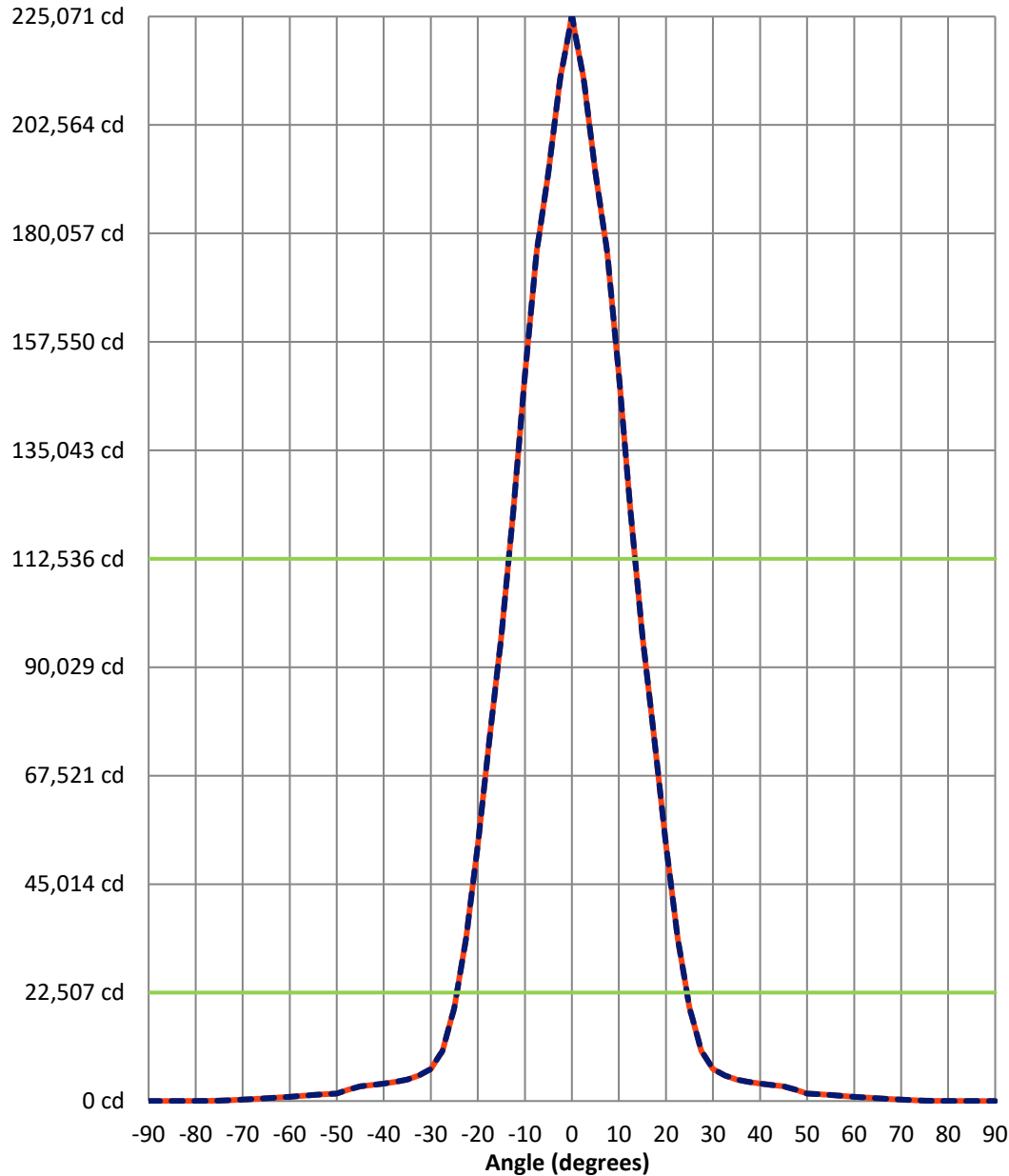
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 26.9°  
 V Angle: 26.9°  
 Lumens: 26357.1  
 Efficiency: 43.4%

**Field:**  
 H Angle: 48.9°  
 V Angle: 48.9°  
 Lumens: 50460.7  
 Efficiency: 83.0%

**Spill:**  
 Lumens: 10328.2  
 Efficiency: 17.0%

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

REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-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	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.6	4.9
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.7	5.2	5.7	6.2
77.5°	0.0	0.9	1.8	2.7	3.5	4.3	5.0	5.6	6.3	6.9	7.7
75°	0.0	1.1	2.1	3.2	4.2	5.0	5.8	6.5	7.4	8.6	9.8
72.5°	0.0	1.2	2.5	3.7	4.7	5.6	6.5	7.6	9.0	10.5	11.9
70°	0.0	1.4	2.8	4.2	5.2	6.3	7.4	9.0	10.7	12.4	14.6
67.5°	0.0	1.6	3.1	4.6	5.7	6.9	8.6	10.5	12.4	14.9	17.4
65°	0.0	1.7	3.5	4.9	6.2	7.7	9.8	11.9	14.6	17.4	21.1
62.5°	0.0	1.9	3.8	5.3	6.7	8.7	11.0	13.7	16.8	20.4	26.6
60°	0.0	2.0	4.1	5.6	7.2	9.7	12.2	15.6	19.0	25.3	32.1
57.5°	0.0	2.2	4.3	6.0	7.9	10.6	13.7	17.4	22.8	30.1	46.1
55°	0.0	2.4	4.6	6.3	8.7	11.5	15.2	19.2	27.0	37.3	63.8
52.5°	0.0	2.5	4.8	6.7	9.4	12.5	16.7	22.6	31.0	52.9	81.1
50°	0.0	2.6	5.0	7.0	10.1	13.7	18.2	26.0	37.7	68.0	112.5
47.5°	0.0	2.8	5.2	7.3	10.7	14.9	19.8	29.3	50.7	82.6	144.6
45°	0.0	2.9	5.4	7.8	11.4	16.0	22.5	32.5	63.2	110.1	175.6
42.5°	0.0	3.0	5.6	8.3	12.0	17.1	25.2	39.9	75.2	136.8	212.2
40°	0.0	3.1	5.7	8.7	12.7	18.1	27.7	49.9	90.2	162.4	248.3
37.5°	0.0	3.3	5.9	9.1	13.5	19.1	30.1	59.4	111.8	188.6	282.7
35°	0.0	3.4	6.1	9.5	14.2	20.6	32.3	68.4	132.2	217.8	315.0
32.5°	0.0	3.5	6.2	9.9	14.9	22.4	35.9	76.8	151.5	245.3	345.0
30°	0.0	3.6	6.4	10.2	15.6	24.0	42.7	86.6	169.5	271.1	373.1
27.5°	0.0	3.6	6.5	10.6	16.2	25.6	49.0	101.1	187.9	295.1	399.3
25°	0.0	3.7	6.6	10.9	16.7	27.0	54.7	114.6	207.4	316.9	423.8
22.5°	0.0	3.8	6.7	11.1	17.2	28.2	60.0	126.8	225.2	336.5	451.7
20°	0.0	3.9	6.8	11.4	17.7	29.4	64.8	137.8	241.3	354.3	476.9
17.5°	0.0	3.9	6.9	11.6	18.1	30.4	69.0	147.6	255.5	370.1	499.3
15°	0.0	4.0	7.0	11.8	18.4	31.3	72.6	156.1	268.0	383.9	518.9
12.5°	0.0	4.0	7.1	11.9	18.7	32.1	75.8	163.4	278.6	395.6	535.6
10°	0.0	4.0	7.1	12.1	19.0	32.7	78.3	169.3	287.3	405.3	549.3
7.5°	0.0	4.1	7.1	12.2	19.2	33.2	80.3	174.0	294.0	412.8	560.0
5°	0.0	4.1	7.2	12.2	19.3	33.5	81.8	177.3	298.9	418.2	567.6
2.5°	0.0	4.1	7.2	12.3	19.4	33.7	82.6	179.3	301.8	421.4	572.3
0°	0.0	4.1	7.2	12.3	19.4	33.8	82.9	180.0	302.8	422.5	573.8
-2.5°	0.0	4.1	7.2	12.3	19.4	33.7	82.6	179.3	301.8	421.4	572.3
-5°	0.0	4.1	7.2	12.2	19.3	33.5	81.8	177.3	298.9	418.2	567.6
-7.5°	0.0	4.1	7.1	12.2	19.2	33.2	80.3	174.0	294.0	412.8	560.0
-10°	0.0	4.0	7.1	12.1	19.0	32.7	78.3	169.3	287.3	405.3	549.3
-12.5°	0.0	4.0	7.1	11.9	18.7	32.1	75.8	163.4	278.6	395.6	535.6
-15°	0.0	4.0	7.0	11.8	18.4	31.3	72.6	156.1	268.0	383.9	518.9
-17.5°	0.0	3.9	6.9	11.6	18.1	30.4	69.0	147.6	255.5	370.1	499.3
-20°	0.0	3.9	6.8	11.4	17.7	29.4	64.8	137.8	241.3	354.3	476.9



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.8	6.7	11.1	17.2	28.2	60.0	126.8	225.2	336.5	451.7
-25°	0.0	3.7	6.6	10.9	16.7	27.0	54.7	114.6	207.4	316.9	423.8
-27.5°	0.0	3.6	6.5	10.6	16.2	25.6	49.0	101.1	187.9	295.1	399.3
-30°	0.0	3.6	6.4	10.2	15.6	24.0	42.7	86.6	169.5	271.1	373.1
-32.5°	0.0	3.5	6.2	9.9	14.9	22.4	35.9	76.8	151.5	245.3	345.0
-35°	0.0	3.4	6.1	9.5	14.2	20.6	32.3	68.4	132.2	217.8	315.0
-37.5°	0.0	3.3	5.9	9.1	13.5	19.1	30.1	59.4	111.8	188.6	282.7
-40°	0.0	3.1	5.7	8.7	12.7	18.1	27.7	49.9	90.2	162.4	248.3
-42.5°	0.0	3.0	5.6	8.3	12.0	17.1	25.2	39.9	75.2	136.8	212.2
-45°	0.0	2.9	5.4	7.8	11.4	16.0	22.5	32.5	63.2	110.1	175.6
-47.5°	0.0	2.8	5.2	7.3	10.7	14.9	19.8	29.3	50.7	82.6	144.6
-50°	0.0	2.6	5.0	7.0	10.1	13.7	18.2	26.0	37.7	68.0	112.5
-52.5°	0.0	2.5	4.8	6.7	9.4	12.5	16.7	22.6	31.0	52.9	81.1
-55°	0.0	2.4	4.6	6.3	8.7	11.5	15.2	19.2	27.0	37.3	63.8
-57.5°	0.0	2.2	4.3	6.0	7.9	10.6	13.7	17.4	22.8	30.1	46.1
-60°	0.0	2.0	4.1	5.6	7.2	9.7	12.2	15.6	19.0	25.3	32.1
-62.5°	0.0	1.9	3.8	5.3	6.7	8.7	11.0	13.7	16.8	20.4	26.6
-65°	0.0	1.7	3.5	4.9	6.2	7.7	9.8	11.9	14.6	17.4	21.1
-67.5°	0.0	1.6	3.1	4.6	5.7	6.9	8.6	10.5	12.4	14.9	17.4
-70°	0.0	1.4	2.8	4.2	5.2	6.3	7.4	9.0	10.7	12.4	14.6
-72.5°	0.0	1.2	2.5	3.7	4.7	5.6	6.5	7.6	9.0	10.5	11.9
-75°	0.0	1.1	2.1	3.2	4.2	5.0	5.8	6.5	7.4	8.6	9.8
-77.5°	0.0	0.9	1.8	2.7	3.5	4.3	5.0	5.6	6.3	6.9	7.7
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.7	5.2	5.7	6.2
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.6	4.9
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9
82.5°	5.3	5.6	6.0	6.3	6.7	7.0	7.3	7.8	8.3	8.7	9.1
80°	6.7	7.2	7.9	8.7	9.4	10.1	10.7	11.4	12.0	12.7	13.5
77.5°	8.7	9.7	10.6	11.5	12.5	13.7	14.9	16.0	17.1	18.1	19.1
75°	11.0	12.2	13.7	15.2	16.7	18.2	19.8	22.5	25.2	27.7	30.1
72.5°	13.7	15.6	17.4	19.2	22.6	26.0	29.3	32.5	39.9	49.9	59.4
70°	16.8	19.0	22.8	27.0	31.0	37.7	50.7	63.2	75.2	90.2	111.8
67.5°	20.4	25.3	30.1	37.3	52.9	68.0	82.6	110.1	136.8	162.4	188.6
65°	26.6	32.1	46.1	63.8	81.1	112.5	144.6	175.6	212.2	248.3	282.7
62.5°	32.7	50.5	70.4	96.8	134.4	170.9	213.3	256.5	298.1	337.0	374.1
60°	50.5	72.6	105.6	147.6	190.9	241.3	290.2	336.5	380.9	423.8	475.2
57.5°	70.4	105.6	152.0	202.1	258.2	312.6	364.3	414.3	473.2	531.7	588.1
55°	96.8	147.6	202.1	263.9	323.7	381.1	440.6	508.9	574.8	639.6	701.6
52.5°	134.4	190.9	258.2	323.7	386.7	454.9	530.5	604.5	676.9	746.2	811.3
50°	170.9	241.3	312.6	381.1	454.9	537.8	619.4	699.5	775.7	848.5	927.9
47.5°	213.3	290.2	364.3	440.6	530.5	619.4	707.1	790.6	871.1	965.6	1058.1
45°	256.5	336.5	414.3	508.9	604.5	699.5	790.6	878.7	984.5	1088.0	1191.1
42.5°	298.1	380.9	473.2	574.8	676.9	775.7	871.1	984.5	1098.0	1211.6	1310.7
40°	337.0	423.8	531.7	639.6	746.2	848.5	965.6	1088.0	1211.6	1319.4	1416.1
37.5°	374.1	475.2	588.1	701.6	811.3	927.9	1058.1	1191.1	1310.7	1416.1	1501.6
35°	409.3	524.1	642.5	759.8	873.4	1010.6	1150.4	1284.8	1398.4	1494.0	1729.5
32.5°	447.9	570.3	694.1	814.4	945.1	1090.3	1238.6	1363.3	1471.6	1635.6	2210.5
30°	487.3	614.5	742.2	865.7	1013.9	1167.9	1311.5	1434.8	1537.7	2066.9	2618.0
27.5°	524.1	655.9	786.2	922.0	1079.0	1240.6	1376.6	1492.9	1831.0	2457.3	2977.1
25°	558.0	694.1	827.0	977.1	1141.4	1300.0	1434.5	1547.1	2187.5	2772.5	3159.3
22.5°	589.4	729.0	864.4	1027.6	1198.8	1351.7	1480.9	1813.8	2492.5	3056.9	3288.1
20°	618.0	759.8	902.9	1073.7	1250.9	1398.7	1523.1	2093.3	2741.1	3166.8	3411.3
17.5°	643.5	787.3	940.2	1116.4	1291.0	1437.4	1592.5	2344.3	2964.9	3265.9	3525.1
15°	665.8	811.3	972.8	1153.8	1324.9	1468.0	1796.2	2531.8	3096.8	3355.2	3626.7
12.5°	684.7	831.7	1000.7	1185.7	1353.9	1494.2	1970.7	2688.2	3166.4	3435.5	3733.4
10°	700.4	848.5	1023.6	1212.0	1377.8	1515.9	2115.0	2817.6	3224.1	3502.1	3822.3
7.5°	712.5	861.7	1041.6	1232.6	1396.5	1532.8	2228.2	2919.3	3269.5	3554.7	3892.5
5°	721.3	871.1	1054.5	1247.3	1410.0	1545.0	2309.7	2992.4	3302.2	3592.6	3943.2
2.5°	726.5	876.8	1062.2	1256.2	1418.1	1552.3	2358.7	3036.6	3321.9	3615.4	3973.8
0°	<b>728.3</b>	<b>878.7</b>	<b>1064.8</b>	<b>1259.2</b>	<b>1420.8</b>	<b>1554.8</b>	<b>2375.1</b>	<b>3051.3</b>	<b>3328.5</b>	<b>3623.1</b>	<b>3984.1</b>
-2.5°	726.5	876.8	1062.2	1256.2	1418.1	1552.3	2358.7	3036.6	3321.9	3615.4	3973.8
-5°	721.3	871.1	1054.5	1247.3	1410.0	1545.0	2309.7	2992.4	3302.2	3592.6	3943.2
-7.5°	712.5	861.7	1041.6	1232.6	1396.5	1532.8	2228.2	2919.3	3269.5	3554.7	3892.5
-10°	700.4	848.5	1023.6	1212.0	1377.8	1515.9	2115.0	2817.6	3224.1	3502.1	3822.3
-12.5°	684.7	831.7	1000.7	1185.7	1353.9	1494.2	1970.7	2688.2	3166.4	3435.5	3733.4
-15°	665.8	811.3	972.8	1153.8	1324.9	1468.0	1796.2	2531.8	3096.8	3355.2	3626.7
-17.5°	643.5	787.3	940.2	1116.4	1291.0	1437.4	1592.5	2344.3	2964.9	3265.9	3525.1
-20°	618.0	759.8	902.9	1073.7	1250.9	1398.7	1523.1	2093.3	2741.1	3166.8	3411.3



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	589.4	729.0	864.4	1027.6	1198.8	1351.7	1480.9	1813.8	2492.5	3056.9	3288.1
-25°	558.0	694.1	827.0	977.1	1141.4	1300.0	1434.5	1547.1	2187.5	2772.5	3159.3
-27.5°	524.1	655.9	786.2	922.0	1079.0	1240.6	1376.6	1492.9	1831.0	2457.3	2977.1
-30°	487.3	614.5	742.2	865.7	1013.9	1167.9	1311.5	1434.8	1537.7	2066.9	2618.0
-32.5°	447.9	570.3	694.1	814.4	945.1	1090.3	1238.6	1363.3	1471.6	1635.6	2210.5
-35°	409.3	524.1	642.5	759.8	873.4	1010.6	1150.4	1284.8	1398.4	1494.0	1729.5
-37.5°	374.1	475.2	588.1	701.6	811.3	927.9	1058.1	1191.1	1310.7	1416.1	1501.6
-40°	337.0	423.8	531.7	639.6	746.2	848.5	965.6	1088.0	1211.6	1319.4	1416.1
-42.5°	298.1	380.9	473.2	574.8	676.9	775.7	871.1	984.5	1098.0	1211.6	1310.7
-45°	256.5	336.5	414.3	508.9	604.5	699.5	790.6	878.7	984.5	1088.0	1191.1
-47.5°	213.3	290.2	364.3	440.6	530.5	619.4	707.1	790.6	871.1	965.6	1058.1
-50°	170.9	241.3	312.6	381.1	454.9	537.8	619.4	699.5	775.7	848.5	927.9
-52.5°	134.4	190.9	258.2	323.7	386.7	454.9	530.5	604.5	676.9	746.2	811.3
-55°	96.8	147.6	202.1	263.9	323.7	381.1	440.6	508.9	574.8	639.6	701.6
-57.5°	70.4	105.6	152.0	202.1	258.2	312.6	364.3	414.3	473.2	531.7	588.1
-60°	50.5	72.6	105.6	147.6	190.9	241.3	290.2	336.5	380.9	423.8	475.2
-62.5°	32.7	50.5	70.4	96.8	134.4	170.9	213.3	256.5	298.1	337.0	374.1
-65°	26.6	32.1	46.1	63.8	81.1	112.5	144.6	175.6	212.2	248.3	282.7
-67.5°	20.4	25.3	30.1	37.3	52.9	68.0	82.6	110.1	136.8	162.4	188.6
-70°	16.8	19.0	22.8	27.0	31.0	37.7	50.7	63.2	75.2	90.2	111.8
-72.5°	13.7	15.6	17.4	19.2	22.6	26.0	29.3	32.5	39.9	49.9	59.4
-75°	11.0	12.2	13.7	15.2	16.7	18.2	19.8	22.5	25.2	27.7	30.1
-77.5°	8.7	9.7	10.6	11.5	12.5	13.7	14.9	16.0	17.1	18.1	19.1
-80°	6.7	7.2	7.9	8.7	9.4	10.1	10.7	11.4	12.0	12.7	13.5
-82.5°	5.3	5.6	6.0	6.3	6.7	7.0	7.3	7.8	8.3	8.7	9.1
-85°	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
85°	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1
82.5°	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.6	11.8	11.9	12.1
80°	14.2	14.9	15.6	16.2	16.7	17.2	17.7	18.1	18.4	18.7	19.0
77.5°	20.6	22.4	24.0	25.6	27.0	28.2	29.4	30.4	31.3	32.1	32.7
75°	32.3	35.9	42.7	49.0	54.7	60.0	64.8	69.0	72.6	75.8	78.3
72.5°	68.4	76.8	86.6	101.1	114.6	126.8	137.8	147.6	156.1	163.4	169.3
70°	132.2	151.5	169.5	187.9	207.4	225.2	241.3	255.5	268.0	278.6	287.3
67.5°	217.8	245.3	271.1	295.1	316.9	336.5	354.3	370.1	383.9	395.6	405.3
65°	315.0	345.0	373.1	399.3	423.8	451.7	476.9	499.3	518.9	535.6	549.3
62.5°	409.3	447.9	487.3	524.1	558.0	589.4	618.0	643.5	665.8	684.7	700.4
60°	524.1	570.3	614.5	655.9	694.1	729.0	759.8	787.3	811.3	831.7	848.5
57.5°	642.5	694.1	742.2	786.2	827.0	864.4	902.9	940.2	972.8	1000.7	1023.6
55°	759.8	814.4	865.7	922.0	977.1	1027.6	1073.7	1116.4	1153.8	1185.7	1212.0
52.5°	873.4	945.1	1013.9	1079.0	1141.4	1198.8	1250.9	1291.0	1324.9	1353.9	1377.8
50°	1010.6	1090.3	1167.9	1240.6	1300.0	1351.7	1398.7	1437.4	1468.0	1494.2	1515.9
47.5°	1150.4	1238.6	1311.5	1376.6	1434.5	1480.9	1523.1	1592.5	1796.2	1970.7	2115.0
45°	1284.8	1363.3	1434.8	1492.9	1547.1	1813.8	2093.3	2344.3	2531.8	2688.2	2817.6
42.5°	1398.4	1471.6	1537.7	1831.0	2187.5	2492.5	2741.1	2964.9	3096.8	3166.4	3224.1
40°	1494.0	1635.6	2066.9	2457.3	2772.5	3056.9	3166.8	3265.9	3355.2	3435.5	3502.1
37.5°	1729.5	2210.5	2618.0	2977.1	3159.3	3288.1	3411.3	3525.1	3626.7	3733.4	3822.3
35°	2258.6	2699.3	3072.0	3228.9	3379.9	3526.8	3671.0	3821.5	3955.4	4100.2	4228.9
32.5°	2699.3	3089.2	3264.2	3437.6	3605.6	3794.5	3972.9	4185.3	4378.1	4609.8	4860.1
30°	3072.0	3264.2	3457.0	3650.6	3870.0	4106.9	4361.9	4697.9	5070.7	5439.4	5866.7
27.5°	3228.9	3437.6	3650.6	3895.5	4176.9	4475.5	4963.9	5465.8	6097.9	6652.4	7985.8
25°	3379.9	3605.6	3870.0	4176.9	4540.7	5099.4	5795.5	6553.3	8326.7	10058.1	12950.4
22.5°	3526.8	3794.5	4106.9	4475.5	5099.4	5906.9	7030.1	9367.9	12886.9	17329.8	22187.1
20°	3671.0	3972.9	4361.9	4963.9	5795.5	7030.1	9721.0	14626.6	20472.9	28329.5	35582.1
17.5°	3821.5	4185.3	4697.9	5465.8	6553.3	9367.9	14626.6	21974.6	31514.0	42395.7	52599.7
15°	3955.4	4378.1	5070.7	6097.9	8326.7	12886.9	20472.9	31514.0	44732.8	58222.9	71238.1
12.5°	4100.2	4609.8	5439.4	6652.4	10058.1	17329.8	28329.5	42395.7	58222.9	74399.3	88404.8
10°	4228.9	4860.1	5866.7	7985.8	12950.4	22187.1	35582.1	52599.7	71238.1	88404.8	105112.7
7.5°	4330.7	5058.5	6206.9	9055.1	15718.6	27139.5	43059.9	62121.8	81850.6	100876.2	122239.3
5°	4404.4	5202.5	6454.2	9835.4	17747.6	30790.7	48615.6	69334.7	89799.4	111977.9	136413.6
2.5°	4449.0	5289.8	6604.5	10310.6	18987.1	33030.6	52043.7	73822.0	94804.2	119427.9	146817.2
0°	4463.9	5319.0	6654.9	10470.2	19404.1	33785.9	53203.3	75346.7	96516.3	121997.4	150561.4
-2.5°	4449.0	5289.8	6604.5	10310.6	18987.1	33030.6	52043.7	73822.0	94804.2	119427.9	146817.2
-5°	4404.4	5202.5	6454.2	9835.4	17747.6	30790.7	48615.6	69334.7	89799.4	111977.9	136413.6
-7.5°	4330.7	5058.5	6206.9	9055.1	15718.6	27139.5	43059.9	62121.8	81850.6	100876.2	122239.3
-10°	4228.9	4860.1	5866.7	7985.8	12950.4	22187.1	35582.1	52599.7	71238.1	88404.8	105112.7
-12.5°	4100.2	4609.8	5439.4	6652.4	10058.1	17329.8	28329.5	42395.7	58222.9	74399.3	88404.8
-15°	3955.4	4378.1	5070.7	6097.9	8326.7	12886.9	20472.9	31514.0	44732.8	58222.9	71238.1
-17.5°	3821.5	4185.3	4697.9	5465.8	6553.3	9367.9	14626.6	21974.6	31514.0	42395.7	52599.7
-20°	3671.0	3972.9	4361.9	4963.9	5795.5	7030.1	9721.0	14626.6	20472.9	28329.5	35582.1



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3526.8	3794.5	4106.9	4475.5	5099.4	5906.9	7030.1	9367.9	12886.9	17329.8	22187.1
-25°	3379.9	3605.6	3870.0	4176.9	4540.7	5099.4	5795.5	6553.3	8326.7	10058.1	12950.4
-27.5°	3228.9	3437.6	3650.6	3895.5	4176.9	4475.5	4963.9	5465.8	6097.9	6652.4	7985.8
-30°	3072.0	3264.2	3457.0	3650.6	3870.0	4106.9	4361.9	4697.9	5070.7	5439.4	5866.7
-32.5°	2699.3	3089.2	3264.2	3437.6	3605.6	3794.5	3972.9	4185.3	4378.1	4609.8	4860.1
-35°	2258.6	2699.3	3072.0	3228.9	3379.9	3526.8	3671.0	3821.5	3955.4	4100.2	4228.9
-37.5°	1729.5	2210.5	2618.0	2977.1	3159.3	3288.1	3411.3	3525.1	3626.7	3733.4	3822.3
-40°	1494.0	1635.6	2066.9	2457.3	2772.5	3056.9	3166.8	3265.9	3355.2	3435.5	3502.1
-42.5°	1398.4	1471.6	1537.7	1831.0	2187.5	2492.5	2741.1	2964.9	3096.8	3166.4	3224.1
-45°	1284.8	1363.3	1434.8	1492.9	1547.1	1813.8	2093.3	2344.3	2531.8	2688.2	2817.6
-47.5°	1150.4	1238.6	1311.5	1376.6	1434.5	1480.9	1523.1	1592.5	1796.2	1970.7	2115.0
-50°	1010.6	1090.3	1167.9	1240.6	1300.0	1351.7	1398.7	1437.4	1468.0	1494.2	1515.9
-52.5°	873.4	945.1	1013.9	1079.0	1141.4	1198.8	1250.9	1291.0	1324.9	1353.9	1377.8
-55°	759.8	814.4	865.7	922.0	977.1	1027.6	1073.7	1116.4	1153.8	1185.7	1212.0
-57.5°	642.5	694.1	742.2	786.2	827.0	864.4	902.9	940.2	972.8	1000.7	1023.6
-60°	524.1	570.3	614.5	655.9	694.1	729.0	759.8	787.3	811.3	831.7	848.5
-62.5°	409.3	447.9	487.3	524.1	558.0	589.4	618.0	643.5	665.8	684.7	700.4
-65°	315.0	345.0	373.1	399.3	423.8	451.7	476.9	499.3	518.9	535.6	549.3
-67.5°	217.8	245.3	271.1	295.1	316.9	336.5	354.3	370.1	383.9	395.6	405.3
-70°	132.2	151.5	169.5	187.9	207.4	225.2	241.3	255.5	268.0	278.6	287.3
-72.5°	68.4	76.8	86.6	101.1	114.6	126.8	137.8	147.6	156.1	163.4	169.3
-75°	32.3	35.9	42.7	49.0	54.7	60.0	64.8	69.0	72.6	75.8	78.3
-77.5°	20.6	22.4	24.0	25.6	27.0	28.2	29.4	30.4	31.3	32.1	32.7
-80°	14.2	14.9	15.6	16.2	16.7	17.2	17.7	18.1	18.4	18.7	19.0
-82.5°	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.6	11.8	11.9	12.1
-85°	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
85°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9
82.5°	12.2	12.2	12.3	12.3	12.3	12.2	12.2	12.1	11.9	11.8	11.6
80°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.0	18.7	18.4	18.1
77.5°	33.2	33.5	33.7	33.8	33.7	33.5	33.2	32.7	32.1	31.3	30.4
75°	80.3	81.8	82.6	82.9	82.6	81.8	80.3	78.3	75.8	72.6	69.0
72.5°	174.0	177.3	179.3	180.0	179.3	177.3	174.0	169.3	163.4	156.1	147.6
70°	294.0	298.9	301.8	302.8	301.8	298.9	294.0	287.3	278.6	268.0	255.5
67.5°	412.8	418.2	421.4	422.5	421.4	418.2	412.8	405.3	395.6	383.9	370.1
65°	560.0	567.6	572.3	573.8	572.3	567.6	560.0	549.3	535.6	518.9	499.3
62.5°	712.5	721.3	726.5	728.3	726.5	721.3	712.5	700.4	684.7	665.8	643.5
60°	861.7	871.1	876.8	878.7	876.8	871.1	861.7	848.5	831.7	811.3	787.3
57.5°	1041.6	1054.5	1062.2	1064.8	1062.2	1054.5	1041.6	1023.6	1000.7	972.8	940.2
55°	1232.6	1247.3	1256.2	1259.2	1256.2	1247.3	1232.6	1212.0	1185.7	1153.8	1116.4
52.5°	1396.5	1410.0	1418.1	1420.8	1418.1	1410.0	1396.5	1377.8	1353.9	1324.9	1291.0
50°	1532.8	1545.0	1552.3	1554.8	1552.3	1545.0	1532.8	1515.9	1494.2	1468.0	1437.4
47.5°	2228.2	2309.7	2358.7	2375.1	2358.7	2309.7	2228.2	2115.0	1970.7	1796.2	1592.5
45°	2919.3	2992.4	3036.6	3051.3	3036.6	2992.4	2919.3	2817.6	2688.2	2531.8	2344.3
42.5°	3269.5	3302.2	3321.9	3328.5	3321.9	3302.2	3269.5	3224.1	3166.4	3096.8	2964.9
40°	3554.7	3592.6	3615.4	3623.1	3615.4	3592.6	3554.7	3502.1	3435.5	3355.2	3265.9
37.5°	3892.5	3943.2	3973.8	3984.1	3973.8	3943.2	3892.5	3822.3	3733.4	3626.7	3525.1
35°	4330.7	4404.4	4449.0	4463.9	4449.0	4404.4	4330.7	4228.9	4100.2	3955.4	3821.5
32.5°	5058.5	5202.5	5289.8	5319.0	5289.8	5202.5	5058.5	4860.1	4609.8	4378.1	4185.3
30°	6206.9	6454.2	6604.5	6654.9	6604.5	6454.2	6206.9	5866.7	5439.4	5070.7	4697.9
27.5°	9055.1	9835.4	10310.6	10470.2	10310.6	9835.4	9055.1	7985.8	6652.4	6097.9	5465.8
25°	15718.6	17747.6	18987.1	19404.1	18987.1	17747.6	15718.6	12950.4	10058.1	8326.7	6553.3
22.5°	27139.5	30790.7	33030.6	33785.9	33030.6	30790.7	27139.5	22187.1	17329.8	12886.9	9367.9
20°	43059.9	48615.6	52043.7	53203.3	52043.7	48615.6	43059.9	35582.1	28329.5	20472.9	14626.6
17.5°	62121.8	69334.7	73822.0	75346.7	73822.0	69334.7	62121.8	52599.7	42395.7	31514.0	21974.6
15°	81850.6	89799.4	94804.2	96516.3	94804.2	89799.4	81850.6	71238.1	58222.9	44732.8	31514.0
12.5°	100876.2	111977.9	119427.9	121997.4	119427.9	111977.9	100876.2	88404.8	74399.3	58222.9	42395.7
10°	122239.3	136413.6	146817.2	150561.4	146817.2	136413.6	122239.3	105112.7	88404.8	71238.1	52599.7
7.5°	143293.5	162428.5	173013.0	176155.5	173013.0	162428.5	143293.5	122239.3	100876.2	81850.6	62121.8
5°	162428.5	179531.5	189321.4	192708.3	189321.4	179531.5	162428.5	136413.6	111977.9	89799.4	69334.7
2.5°	173013.0	189321.4	202910.6	212131.9	202910.6	189321.4	173013.0	146817.2	119427.9	94804.2	73822.0
0°	176155.5	192708.3	212131.9	225071.3	212131.9	192708.3	176155.5	150561.4	121997.4	96516.3	75346.7
-2.5°	173013.0	189321.4	202910.6	212131.9	202910.6	189321.4	173013.0	146817.2	119427.9	94804.2	73822.0
-5°	162428.5	179531.5	189321.4	192708.3	189321.4	179531.5	162428.5	136413.6	111977.9	89799.4	69334.7
-7.5°	143293.5	162428.5	173013.0	176155.5	173013.0	162428.5	143293.5	122239.3	100876.2	81850.6	62121.8
-10°	122239.3	136413.6	146817.2	150561.4	146817.2	136413.6	122239.3	105112.7	88404.8	71238.1	52599.7
-12.5°	100876.2	111977.9	119427.9	121997.4	119427.9	111977.9	100876.2	88404.8	74399.3	58222.9	42395.7
-15°	81850.6	89799.4	94804.2	96516.3	94804.2	89799.4	81850.6	71238.1	58222.9	44732.8	31514.0
-17.5°	62121.8	69334.7	73822.0	75346.7	73822.0	69334.7	62121.8	52599.7	42395.7	31514.0	21974.6
-20°	43059.9	48615.6	52043.7	53203.3	52043.7	48615.6	43059.9	35582.1	28329.5	20472.9	14626.6



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27139.5	30790.7	33030.6	33785.9	33030.6	30790.7	27139.5	22187.1	17329.8	12886.9	9367.9
-25°	15718.6	17747.6	18987.1	19404.1	18987.1	17747.6	15718.6	12950.4	10058.1	8326.7	6553.3
-27.5°	9055.1	9835.4	10310.6	10470.2	10310.6	9835.4	9055.1	7985.8	6652.4	6097.9	5465.8
-30°	6206.9	6454.2	6604.5	6654.9	6604.5	6454.2	6206.9	5866.7	5439.4	5070.7	4697.9
-32.5°	5058.5	5202.5	5289.8	5319.0	5289.8	5202.5	5058.5	4860.1	4609.8	4378.1	4185.3
-35°	4330.7	4404.4	4449.0	4463.9	4449.0	4404.4	4330.7	4228.9	4100.2	3955.4	3821.5
-37.5°	3892.5	3943.2	3973.8	3984.1	3973.8	3943.2	3892.5	3822.3	3733.4	3626.7	3525.1
-40°	3554.7	3592.6	3615.4	3623.1	3615.4	3592.6	3554.7	3502.1	3435.5	3355.2	3265.9
-42.5°	3269.5	3302.2	3321.9	3328.5	3321.9	3302.2	3269.5	3224.1	3166.4	3096.8	2964.9
-45°	2919.3	2992.4	3036.6	3051.3	3036.6	2992.4	2919.3	2817.6	2688.2	2531.8	2344.3
-47.5°	2228.2	2309.7	2358.7	2375.1	2358.7	2309.7	2228.2	2115.0	1970.7	1796.2	1592.5
-50°	1532.8	1545.0	1552.3	1554.8	1552.3	1545.0	1532.8	1515.9	1494.2	1468.0	1437.4
-52.5°	1396.5	1410.0	1418.1	1420.8	1418.1	1410.0	1396.5	1377.8	1353.9	1324.9	1291.0
-55°	1232.6	1247.3	1256.2	1259.2	1256.2	1247.3	1232.6	1212.0	1185.7	1153.8	1116.4
-57.5°	1041.6	1054.5	1062.2	1064.8	1062.2	1054.5	1041.6	1023.6	1000.7	972.8	940.2
-60°	861.7	871.1	876.8	878.7	876.8	871.1	861.7	848.5	831.7	811.3	787.3
-62.5°	712.5	721.3	726.5	728.3	726.5	721.3	712.5	700.4	684.7	665.8	643.5
-65°	560.0	567.6	572.3	573.8	572.3	567.6	560.0	549.3	535.6	518.9	499.3
-67.5°	412.8	418.2	421.4	422.5	421.4	418.2	412.8	405.3	395.6	383.9	370.1
-70°	294.0	298.9	301.8	302.8	301.8	298.9	294.0	287.3	278.6	268.0	255.5
-72.5°	174.0	177.3	179.3	180.0	179.3	177.3	174.0	169.3	163.4	156.1	147.6
-75°	80.3	81.8	82.6	82.9	82.6	81.8	80.3	78.3	75.8	72.6	69.0
-77.5°	33.2	33.5	33.7	33.8	33.7	33.5	33.2	32.7	32.1	31.3	30.4
-80°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.0	18.7	18.4	18.1
-82.5°	12.2	12.2	12.3	12.3	12.3	12.2	12.2	12.1	11.9	11.8	11.6
-85°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
-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: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	6.8	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4
82.5°	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.1	8.7	8.3	7.8
80°	17.7	17.2	16.7	16.2	15.6	14.9	14.2	13.5	12.7	12.0	11.4
77.5°	29.4	28.2	27.0	25.6	24.0	22.4	20.6	19.1	18.1	17.1	16.0
75°	64.8	60.0	54.7	49.0	42.7	35.9	32.3	30.1	27.7	25.2	22.5
72.5°	137.8	126.8	114.6	101.1	86.6	76.8	68.4	59.4	49.9	39.9	32.5
70°	241.3	225.2	207.4	187.9	169.5	151.5	132.2	111.8	90.2	75.2	63.2
67.5°	354.3	336.5	316.9	295.1	271.1	245.3	217.8	188.6	162.4	136.8	110.1
65°	476.9	451.7	423.8	399.3	373.1	345.0	315.0	282.7	248.3	212.2	175.6
62.5°	618.0	589.4	558.0	524.1	487.3	447.9	409.3	374.1	337.0	298.1	256.5
60°	759.8	729.0	694.1	655.9	614.5	570.3	524.1	475.2	423.8	380.9	336.5
57.5°	902.9	864.4	827.0	786.2	742.2	694.1	642.5	588.1	531.7	473.2	414.3
55°	1073.7	1027.6	977.1	922.0	865.7	814.4	759.8	701.6	639.6	574.8	508.9
52.5°	1250.9	1198.8	1141.4	1079.0	1013.9	945.1	873.4	811.3	746.2	676.9	604.5
50°	1398.7	1351.7	1300.0	1240.6	1167.9	1090.3	1010.6	927.9	848.5	775.7	699.5
47.5°	1523.1	1480.9	1434.5	1376.6	1311.5	1238.6	1150.4	1058.1	965.6	871.1	790.6
45°	2093.3	1813.8	1547.1	1492.9	1434.8	1363.3	1284.8	1191.1	1088.0	984.5	878.7
42.5°	2741.1	2492.5	2187.5	1831.0	1537.7	1471.6	1398.4	1310.7	1211.6	1098.0	984.5
40°	3166.8	3056.9	2772.5	2457.3	2066.9	1635.6	1494.0	1416.1	1319.4	1211.6	1088.0
37.5°	3411.3	3288.1	3159.3	2977.1	2618.0	2210.5	1729.5	1501.6	1416.1	1310.7	1191.1
35°	3671.0	3526.8	3379.9	3228.9	3072.0	2699.3	2258.6	1729.5	1494.0	1398.4	1284.8
32.5°	3972.9	3794.5	3605.6	3437.6	3264.2	3089.2	2699.3	2210.5	1635.6	1471.6	1363.3
30°	4361.9	4106.9	3870.0	3650.6	3457.0	3264.2	3072.0	2618.0	2066.9	1537.7	1434.8
27.5°	4963.9	4475.5	4176.9	3895.5	3650.6	3437.6	3228.9	2977.1	2457.3	1831.0	1492.9
25°	5795.5	5099.4	4540.7	4176.9	3870.0	3605.6	3379.9	3159.3	2772.5	2187.5	1547.1
22.5°	7030.1	5906.9	5099.4	4475.5	4106.9	3794.5	3526.8	3288.1	3056.9	2492.5	1813.8
20°	9721.0	7030.1	5795.5	4963.9	4361.9	3972.9	3671.0	3411.3	3166.8	2741.1	2093.3
17.5°	14626.6	9367.9	6553.3	5465.8	4697.9	4185.3	3821.5	3525.1	3265.9	2964.9	2344.3
15°	20472.9	12886.9	8326.7	6097.9	5070.7	4378.1	3955.4	3626.7	3355.2	3096.8	2531.8
12.5°	28329.5	17329.8	10058.1	6652.4	5439.4	4609.8	4100.2	3733.4	3435.5	3166.4	2688.2
10°	35582.1	22187.1	12950.4	7985.8	5866.7	4860.1	4228.9	3822.3	3502.1	3224.1	2817.6
7.5°	43059.9	27139.5	15718.6	9055.1	6206.9	5058.5	4330.7	3892.5	3554.7	3269.5	2919.3
5°	48615.6	30790.7	17747.6	9835.4	6454.2	5202.5	4404.4	3943.2	3592.6	3302.2	2992.4
2.5°	52043.7	33030.6	18987.1	10310.6	6604.5	5289.8	4449.0	3973.8	3615.4	3321.9	3036.6
0°	53203.3	33785.9	19404.1	10470.2	6654.9	5319.0	4463.9	3984.1	3623.1	3328.5	3051.3
-2.5°	52043.7	33030.6	18987.1	10310.6	6604.5	5289.8	4449.0	3973.8	3615.4	3321.9	3036.6
-5°	48615.6	30790.7	17747.6	9835.4	6454.2	5202.5	4404.4	3943.2	3592.6	3302.2	2992.4
-7.5°	43059.9	27139.5	15718.6	9055.1	6206.9	5058.5	4330.7	3892.5	3554.7	3269.5	2919.3
-10°	35582.1	22187.1	12950.4	7985.8	5866.7	4860.1	4228.9	3822.3	3502.1	3224.1	2817.6
-12.5°	28329.5	17329.8	10058.1	6652.4	5439.4	4609.8	4100.2	3733.4	3435.5	3166.4	2688.2
-15°	20472.9	12886.9	8326.7	6097.9	5070.7	4378.1	3955.4	3626.7	3355.2	3096.8	2531.8
-17.5°	14626.6	9367.9	6553.3	5465.8	4697.9	4185.3	3821.5	3525.1	3265.9	2964.9	2344.3
-20°	9721.0	7030.1	5795.5	4963.9	4361.9	3972.9	3671.0	3411.3	3166.8	2741.1	2093.3



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7030.1	5906.9	5099.4	4475.5	4106.9	3794.5	3526.8	3288.1	3056.9	2492.5	1813.8
-25°	5795.5	5099.4	4540.7	4176.9	3870.0	3605.6	3379.9	3159.3	2772.5	2187.5	1547.1
-27.5°	4963.9	4475.5	4176.9	3895.5	3650.6	3437.6	3228.9	2977.1	2457.3	1831.0	1492.9
-30°	4361.9	4106.9	3870.0	3650.6	3457.0	3264.2	3072.0	2618.0	2066.9	1537.7	1434.8
-32.5°	3972.9	3794.5	3605.6	3437.6	3264.2	3089.2	2699.3	2210.5	1635.6	1471.6	1363.3
-35°	3671.0	3526.8	3379.9	3228.9	3072.0	2699.3	2258.6	1729.5	1494.0	1398.4	1284.8
-37.5°	3411.3	3288.1	3159.3	2977.1	2618.0	2210.5	1729.5	1501.6	1416.1	1310.7	1191.1
-40°	3166.8	3056.9	2772.5	2457.3	2066.9	1635.6	1494.0	1416.1	1319.4	1211.6	1088.0
-42.5°	2741.1	2492.5	2187.5	1831.0	1537.7	1471.6	1398.4	1310.7	1211.6	1098.0	984.5
-45°	2093.3	1813.8	1547.1	1492.9	1434.8	1363.3	1284.8	1191.1	1088.0	984.5	878.7
-47.5°	1523.1	1480.9	1434.5	1376.6	1311.5	1238.6	1150.4	1058.1	965.6	871.1	790.6
-50°	1398.7	1351.7	1300.0	1240.6	1167.9	1090.3	1010.6	927.9	848.5	775.7	699.5
-52.5°	1250.9	1198.8	1141.4	1079.0	1013.9	945.1	873.4	811.3	746.2	676.9	604.5
-55°	1073.7	1027.6	977.1	922.0	865.7	814.4	759.8	701.6	639.6	574.8	508.9
-57.5°	902.9	864.4	827.0	786.2	742.2	694.1	642.5	588.1	531.7	473.2	414.3
-60°	759.8	729.0	694.1	655.9	614.5	570.3	524.1	475.2	423.8	380.9	336.5
-62.5°	618.0	589.4	558.0	524.1	487.3	447.9	409.3	374.1	337.0	298.1	256.5
-65°	476.9	451.7	423.8	399.3	373.1	345.0	315.0	282.7	248.3	212.2	175.6
-67.5°	354.3	336.5	316.9	295.1	271.1	245.3	217.8	188.6	162.4	136.8	110.1
-70°	241.3	225.2	207.4	187.9	169.5	151.5	132.2	111.8	90.2	75.2	63.2
-72.5°	137.8	126.8	114.6	101.1	86.6	76.8	68.4	59.4	49.9	39.9	32.5
-75°	64.8	60.0	54.7	49.0	42.7	35.9	32.3	30.1	27.7	25.2	22.5
-77.5°	29.4	28.2	27.0	25.6	24.0	22.4	20.6	19.1	18.1	17.1	16.0
-80°	17.7	17.2	16.7	16.2	15.6	14.9	14.2	13.5	12.7	12.0	11.4
-82.5°	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.1	8.7	8.3	7.8
-85°	6.8	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-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: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	5.2	5.0	4.8	4.6	4.3	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	7.3	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.6	4.2	3.7
80°	10.7	10.1	9.4	8.7	7.9	7.2	6.7	6.2	5.7	5.2	4.7
77.5°	14.9	13.7	12.5	11.5	10.6	9.7	8.7	7.7	6.9	6.3	5.6
75°	19.8	18.2	16.7	15.2	13.7	12.2	11.0	9.8	8.6	7.4	6.5
72.5°	29.3	26.0	22.6	19.2	17.4	15.6	13.7	11.9	10.5	9.0	7.6
70°	50.7	37.7	31.0	27.0	22.8	19.0	16.8	14.6	12.4	10.7	9.0
67.5°	82.6	68.0	52.9	37.3	30.1	25.3	20.4	17.4	14.9	12.4	10.5
65°	144.6	112.5	81.1	63.8	46.1	32.1	26.6	21.1	17.4	14.6	11.9
62.5°	213.3	170.9	134.4	96.8	70.4	50.5	32.7	26.6	20.4	16.8	13.7
60°	290.2	241.3	190.9	147.6	105.6	72.6	50.5	32.1	25.3	19.0	15.6
57.5°	364.3	312.6	258.2	202.1	152.0	105.6	70.4	46.1	30.1	22.8	17.4
55°	440.6	381.1	323.7	263.9	202.1	147.6	96.8	63.8	37.3	27.0	19.2
52.5°	530.5	454.9	386.7	323.7	258.2	190.9	134.4	81.1	52.9	31.0	22.6
50°	619.4	537.8	454.9	381.1	312.6	241.3	170.9	112.5	68.0	37.7	26.0
47.5°	707.1	619.4	530.5	440.6	364.3	290.2	213.3	144.6	82.6	50.7	29.3
45°	790.6	699.5	604.5	508.9	414.3	336.5	256.5	175.6	110.1	63.2	32.5
42.5°	871.1	775.7	676.9	574.8	473.2	380.9	298.1	212.2	136.8	75.2	39.9
40°	965.6	848.5	746.2	639.6	531.7	423.8	337.0	248.3	162.4	90.2	49.9
37.5°	1058.1	927.9	811.3	701.6	588.1	475.2	374.1	282.7	188.6	111.8	59.4
35°	1150.4	1010.6	873.4	759.8	642.5	524.1	409.3	315.0	217.8	132.2	68.4
32.5°	1238.6	1090.3	945.1	814.4	694.1	570.3	447.9	345.0	245.3	151.5	76.8
30°	1311.5	1167.9	1013.9	865.7	742.2	614.5	487.3	373.1	271.1	169.5	86.6
27.5°	1376.6	1240.6	1079.0	922.0	786.2	655.9	524.1	399.3	295.1	187.9	101.1
25°	1434.5	1300.0	1141.4	977.1	827.0	694.1	558.0	423.8	316.9	207.4	114.6
22.5°	1480.9	1351.7	1198.8	1027.6	864.4	729.0	589.4	451.7	336.5	225.2	126.8
20°	1523.1	1398.7	1250.9	1073.7	902.9	759.8	618.0	476.9	354.3	241.3	137.8
17.5°	1592.5	1437.4	1291.0	1116.4	940.2	787.3	643.5	499.3	370.1	255.5	147.6
15°	1796.2	1468.0	1324.9	1153.8	972.8	811.3	665.8	518.9	383.9	268.0	156.1
12.5°	1970.7	1494.2	1353.9	1185.7	1000.7	831.7	684.7	535.6	395.6	278.6	163.4
10°	2115.0	1515.9	1377.8	1212.0	1023.6	848.5	700.4	549.3	405.3	287.3	169.3
7.5°	2228.2	1532.8	1396.5	1232.6	1041.6	861.7	712.5	560.0	412.8	294.0	174.0
5°	2309.7	1545.0	1410.0	1247.3	1054.5	871.1	721.3	567.6	418.2	298.9	177.3
2.5°	2358.7	1552.3	1418.1	1256.2	1062.2	876.8	726.5	572.3	421.4	301.8	179.3
0°	2375.1	1554.8	1420.8	1259.2	1064.8	878.7	728.3	573.8	422.5	302.8	180.0
-2.5°	2358.7	1552.3	1418.1	1256.2	1062.2	876.8	726.5	572.3	421.4	301.8	179.3
-5°	2309.7	1545.0	1410.0	1247.3	1054.5	871.1	721.3	567.6	418.2	298.9	177.3
-7.5°	2228.2	1532.8	1396.5	1232.6	1041.6	861.7	712.5	560.0	412.8	294.0	174.0
-10°	2115.0	1515.9	1377.8	1212.0	1023.6	848.5	700.4	549.3	405.3	287.3	169.3
-12.5°	1970.7	1494.2	1353.9	1185.7	1000.7	831.7	684.7	535.6	395.6	278.6	163.4
-15°	1796.2	1468.0	1324.9	1153.8	972.8	811.3	665.8	518.9	383.9	268.0	156.1
-17.5°	1592.5	1437.4	1291.0	1116.4	940.2	787.3	643.5	499.3	370.1	255.5	147.6
-20°	1523.1	1398.7	1250.9	1073.7	902.9	759.8	618.0	476.9	354.3	241.3	137.8



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1480.9	1351.7	1198.8	1027.6	864.4	729.0	589.4	451.7	336.5	225.2	126.8
-25°	1434.5	1300.0	1141.4	977.1	827.0	694.1	558.0	423.8	316.9	207.4	114.6
-27.5°	1376.6	1240.6	1079.0	922.0	786.2	655.9	524.1	399.3	295.1	187.9	101.1
-30°	1311.5	1167.9	1013.9	865.7	742.2	614.5	487.3	373.1	271.1	169.5	86.6
-32.5°	1238.6	1090.3	945.1	814.4	694.1	570.3	447.9	345.0	245.3	151.5	76.8
-35°	1150.4	1010.6	873.4	759.8	642.5	524.1	409.3	315.0	217.8	132.2	68.4
-37.5°	1058.1	927.9	811.3	701.6	588.1	475.2	374.1	282.7	188.6	111.8	59.4
-40°	965.6	848.5	746.2	639.6	531.7	423.8	337.0	248.3	162.4	90.2	49.9
-42.5°	871.1	775.7	676.9	574.8	473.2	380.9	298.1	212.2	136.8	75.2	39.9
-45°	790.6	699.5	604.5	508.9	414.3	336.5	256.5	175.6	110.1	63.2	32.5
-47.5°	707.1	619.4	530.5	440.6	364.3	290.2	213.3	144.6	82.6	50.7	29.3
-50°	619.4	537.8	454.9	381.1	312.6	241.3	170.9	112.5	68.0	37.7	26.0
-52.5°	530.5	454.9	386.7	323.7	258.2	190.9	134.4	81.1	52.9	31.0	22.6
-55°	440.6	381.1	323.7	263.9	202.1	147.6	96.8	63.8	37.3	27.0	19.2
-57.5°	364.3	312.6	258.2	202.1	152.0	105.6	70.4	46.1	30.1	22.8	17.4
-60°	290.2	241.3	190.9	147.6	105.6	72.6	50.5	32.1	25.3	19.0	15.6
-62.5°	213.3	170.9	134.4	96.8	70.4	50.5	32.7	26.6	20.4	16.8	13.7
-65°	144.6	112.5	81.1	63.8	46.1	32.1	26.6	21.1	17.4	14.6	11.9
-67.5°	82.6	68.0	52.9	37.3	30.1	25.3	20.4	17.4	14.9	12.4	10.5
-70°	50.7	37.7	31.0	27.0	22.8	19.0	16.8	14.6	12.4	10.7	9.0
-72.5°	29.3	26.0	22.6	19.2	17.4	15.6	13.7	11.9	10.5	9.0	7.6
-75°	19.8	18.2	16.7	15.2	13.7	12.2	11.0	9.8	8.6	7.4	6.5
-77.5°	14.9	13.7	12.5	11.5	10.6	9.7	8.7	7.7	6.9	6.3	5.6
-80°	10.7	10.1	9.4	8.7	7.9	7.2	6.7	6.2	5.7	5.2	4.7
-82.5°	7.3	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.6	4.2	3.7
-85°	5.2	5.0	4.8	4.6	4.3	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-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: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	5.0	4.3	3.5	2.7	1.8	0.9	0.0
75°	5.8	5.0	4.2	3.2	2.1	1.1	0.0
72.5°	6.5	5.6	4.7	3.7	2.5	1.2	0.0
70°	7.4	6.3	5.2	4.2	2.8	1.4	0.0
67.5°	8.6	6.9	5.7	4.6	3.1	1.6	0.0
65°	9.8	7.7	6.2	4.9	3.5	1.7	0.0
62.5°	11.0	8.7	6.7	5.3	3.8	1.9	0.0
60°	12.2	9.7	7.2	5.6	4.1	2.0	0.0
57.5°	13.7	10.6	7.9	6.0	4.3	2.2	0.0
55°	15.2	11.5	8.7	6.3	4.6	2.4	0.0
52.5°	16.7	12.5	9.4	6.7	4.8	2.5	0.0
50°	18.2	13.7	10.1	7.0	5.0	2.6	0.0
47.5°	19.8	14.9	10.7	7.3	5.2	2.8	0.0
45°	22.5	16.0	11.4	7.8	5.4	2.9	0.0
42.5°	25.2	17.1	12.0	8.3	5.6	3.0	0.0
40°	27.7	18.1	12.7	8.7	5.7	3.1	0.0
37.5°	30.1	19.1	13.5	9.1	5.9	3.3	0.0
35°	32.3	20.6	14.2	9.5	6.1	3.4	0.0
32.5°	35.9	22.4	14.9	9.9	6.2	3.5	0.0
30°	42.7	24.0	15.6	10.2	6.4	3.6	0.0
27.5°	49.0	25.6	16.2	10.6	6.5	3.6	0.0
25°	54.7	27.0	16.7	10.9	6.6	3.7	0.0
22.5°	60.0	28.2	17.2	11.1	6.7	3.8	0.0
20°	64.8	29.4	17.7	11.4	6.8	3.9	0.0
17.5°	69.0	30.4	18.1	11.6	6.9	3.9	0.0
15°	72.6	31.3	18.4	11.8	7.0	4.0	0.0
12.5°	75.8	32.1	18.7	11.9	7.1	4.0	0.0
10°	78.3	32.7	19.0	12.1	7.1	4.0	0.0
7.5°	80.3	33.2	19.2	12.2	7.1	4.1	0.0
5°	81.8	33.5	19.3	12.2	7.2	4.1	0.0
2.5°	82.6	33.7	19.4	12.3	7.2	4.1	0.0
0°	82.9	33.8	19.4	12.3	7.2	4.1	0.0
-2.5°	82.6	33.7	19.4	12.3	7.2	4.1	0.0
-5°	81.8	33.5	19.3	12.2	7.2	4.1	0.0
-7.5°	80.3	33.2	19.2	12.2	7.1	4.1	0.0
-10°	78.3	32.7	19.0	12.1	7.1	4.0	0.0
-12.5°	75.8	32.1	18.7	11.9	7.1	4.0	0.0
-15°	72.6	31.3	18.4	11.8	7.0	4.0	0.0
-17.5°	69.0	30.4	18.1	11.6	6.9	3.9	0.0
-20°	64.8	29.4	17.7	11.4	6.8	3.9	0.0



REPORT NUMBER: P1305367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.0	28.2	17.2	11.1	6.7	3.8	0.0
-25°	54.7	27.0	16.7	10.9	6.6	3.7	0.0
-27.5°	49.0	25.6	16.2	10.6	6.5	3.6	0.0
-30°	42.7	24.0	15.6	10.2	6.4	3.6	0.0
-32.5°	35.9	22.4	14.9	9.9	6.2	3.5	0.0
-35°	32.3	20.6	14.2	9.5	6.1	3.4	0.0
-37.5°	30.1	19.1	13.5	9.1	5.9	3.3	0.0
-40°	27.7	18.1	12.7	8.7	5.7	3.1	0.0
-42.5°	25.2	17.1	12.0	8.3	5.6	3.0	0.0
-45°	22.5	16.0	11.4	7.8	5.4	2.9	0.0
-47.5°	19.8	14.9	10.7	7.3	5.2	2.8	0.0
-50°	18.2	13.7	10.1	7.0	5.0	2.6	0.0
-52.5°	16.7	12.5	9.4	6.7	4.8	2.5	0.0
-55°	15.2	11.5	8.7	6.3	4.6	2.4	0.0
-57.5°	13.7	10.6	7.9	6.0	4.3	2.2	0.0
-60°	12.2	9.7	7.2	5.6	4.1	2.0	0.0
-62.5°	11.0	8.7	6.7	5.3	3.8	1.9	0.0
-65°	9.8	7.7	6.2	4.9	3.5	1.7	0.0
-67.5°	8.6	6.9	5.7	4.6	3.1	1.6	0.0
-70°	7.4	6.3	5.2	4.2	2.8	1.4	0.0
-72.5°	6.5	5.6	4.7	3.7	2.5	1.2	0.0
-75°	5.8	5.0	4.2	3.2	2.1	1.1	0.0
-77.5°	5.0	4.3	3.5	2.7	1.8	0.9	0.0
-80°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)