

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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-70-2S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305366 (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-57-70-2S-HEG-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

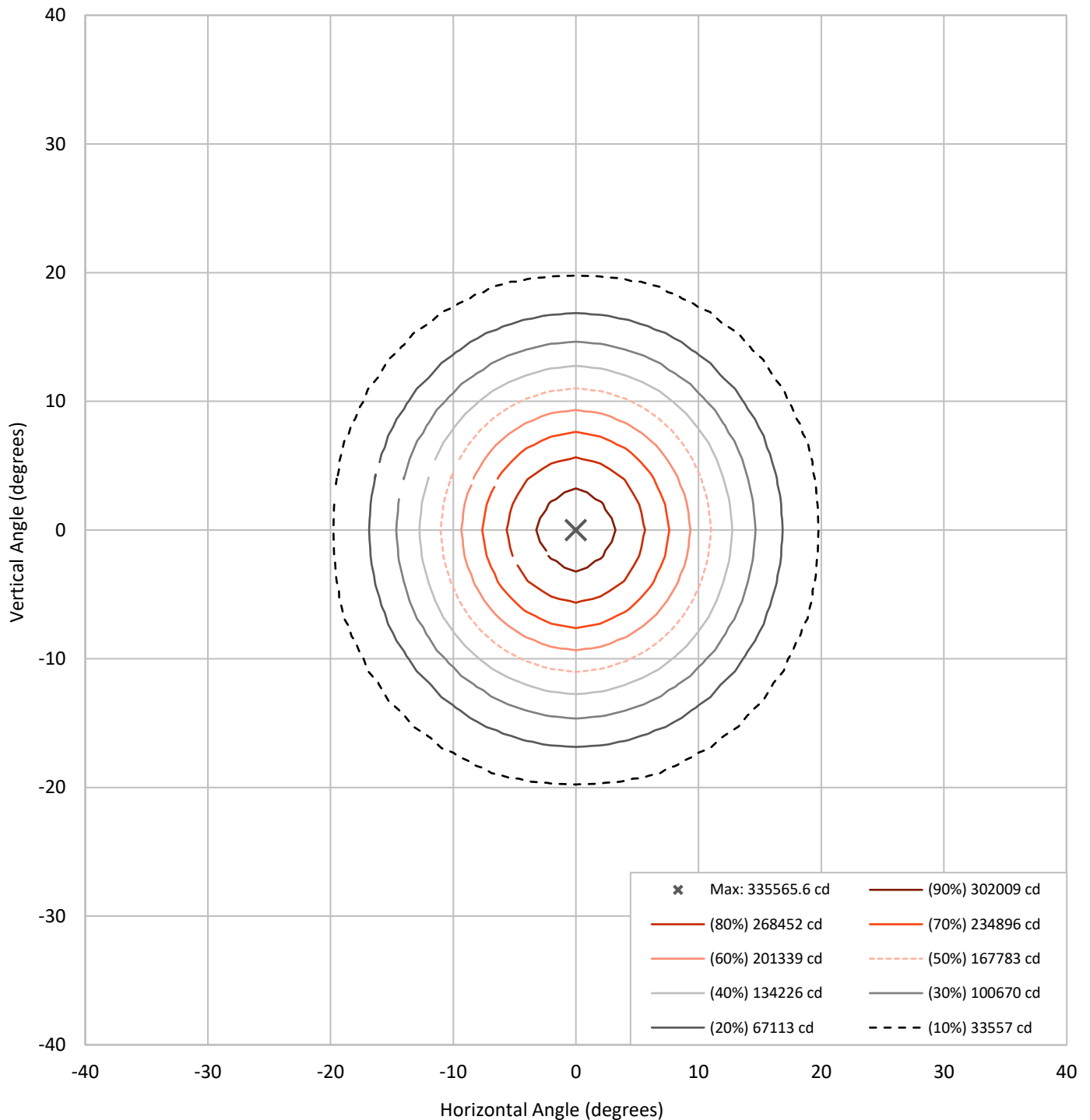
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	60446 lumens	Max Intensity:	335565.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	177.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	26715.1 lumens	Field Lumens:	49616.3 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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

### Iso-Candela Plot





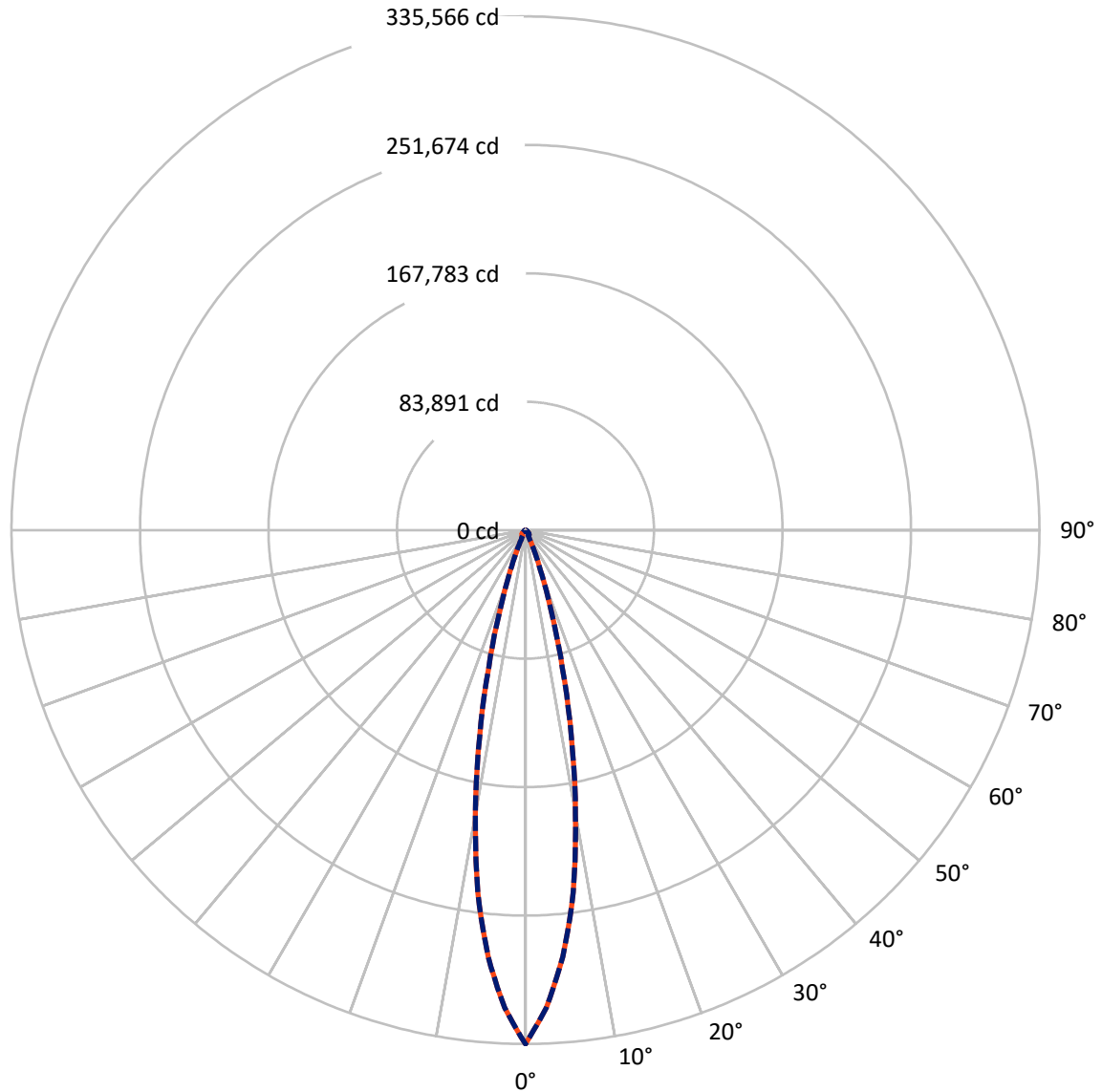
REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

### Lumen Table

90	0.1	0.6		2.1		5.3		7.0		5.3		2.1		0.6		0.1			
80	0.1	0.6		2.1		5.3		7.0		5.3		2.1		0.6		0.1			
70	0.3	0.3	1.3	3.8	7.6	11.6	15.0	16.9	16.9	15.0	11.6	7.6	3.8	1.3	0.3	0.3			
60		0.9	4.5	10.8	18.6	25.9	30.8	33.3	33.3	30.8	25.9	18.6	10.8	4.5	0.9				
50	0.7	2.4	8.8	18.7	28.4	46.1	70.5	84.5	84.5	70.5	46.1	28.4	18.7	8.8	2.4	0.7			
40		4.0	13.1	24.6	54.3	93.3	109.3	114.9	114.9	109.3	93.3	54.3	24.6	13.1	4.0				
30	1.5	5.6	16.5	36.3	84.4	105.0	143.6	293.0	293.0	143.6	105.0	84.4	36.3	16.5	5.6	1.5			
20		6.8	18.4	52.3	92.7	135.2	854.9	2533.3	2533.3	854.9	135.2	92.7	52.3	18.4	6.8				
10	1.9	7.4	19.3	60.6	94.5	270.1	2468.9	6943.3	6943.3	2468.9	270.1	94.5	60.6	19.3	7.4	1.9			
0		7.4	19.3	60.6	94.5	270.1	2468.9	6943.3	6943.3	2468.9	270.1	94.5	60.6	19.3	7.4				
-10	1.5	6.8	18.4	52.3	92.7	135.2	854.9	2533.3	2533.3	854.9	135.2	92.7	52.3	18.4	6.8	1.5			
-20		5.6	16.5	36.3	84.4	105.0	143.6	293.0	293.0	143.6	105.0	84.4	36.3	16.5	5.6				
-30	0.7	4.0	13.1	24.6	54.3	93.3	109.3	114.9	114.9	109.3	93.3	54.3	24.6	13.1	4.0	0.7			
-40		2.4	8.8	18.7	28.4	46.1	70.5	84.5	84.5	70.5	46.1	28.4	18.7	8.8	2.4				
-50	0.3	0.9	4.5	10.8	18.6	25.9	30.8	33.3	33.3	30.8	25.9	18.6	10.8	4.5	0.9	0.3			
-60		0.3	1.3	3.8	7.6	11.6	15.0	16.9	16.9	15.0	11.6	7.6	3.8	1.3	0.3				
-70	0.1	0.6		2.1		5.3		7.0		5.3		2.1		0.6		0.1			
-80		0.6		2.1		5.3		7.0		5.3		2.1		0.6					
-90	0.1	0.6		2.1		5.3		7.0		5.3		2.1		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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

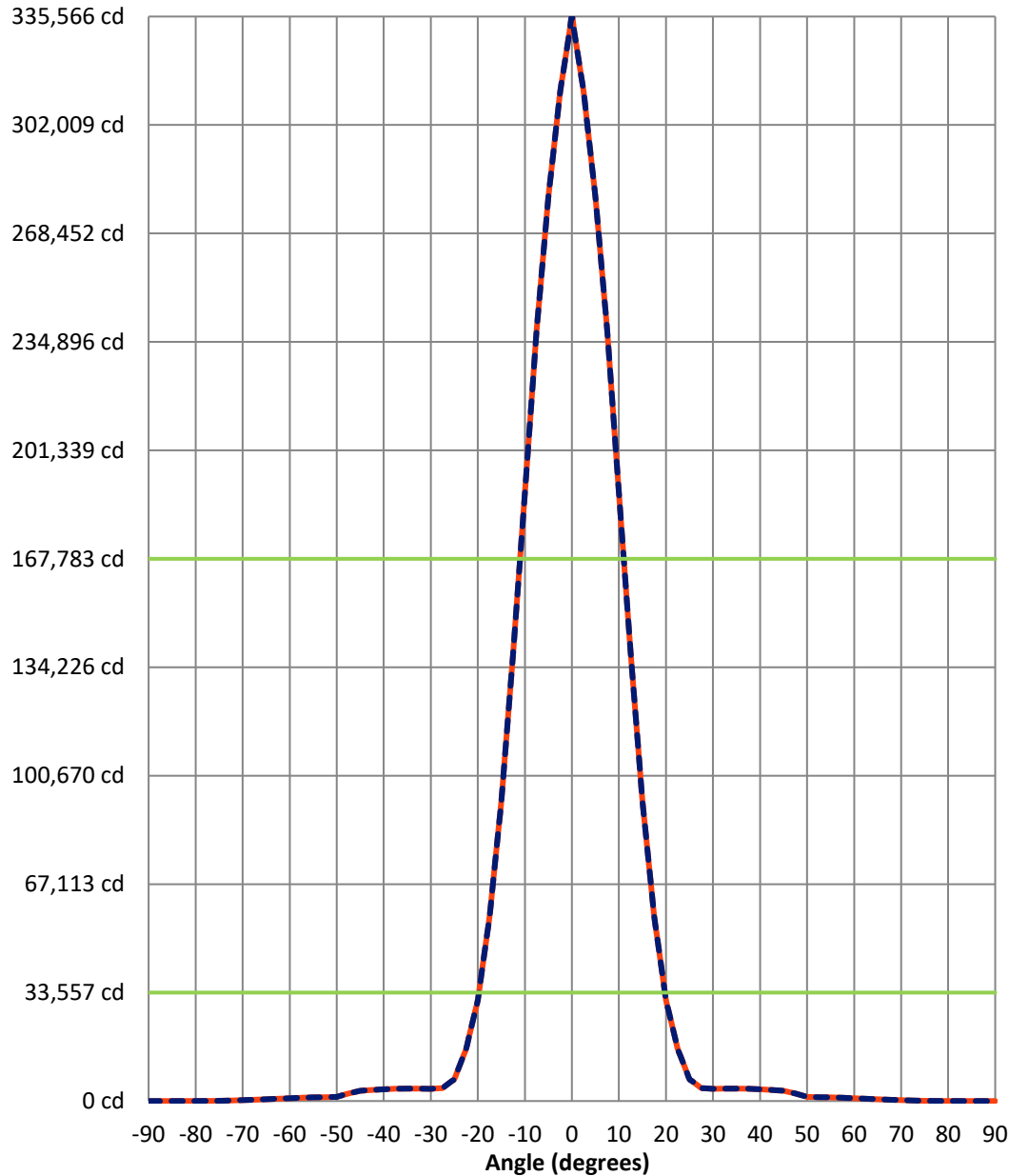
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

### Luminous Intensity Plot



**Beam:**  
H Angle: 22°  
V Angle: 22°  
Lumens: 26715.1  
Efficiency: 44.2%

**Field:**  
H Angle: 39.6°  
V Angle: 39.6°  
Lumens: 49616.3  
Efficiency: 82.1%

**Spill:**  
Lumens: 10829.7  
Efficiency: 17.9%

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



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-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	1.1	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.4	6.8	7.1
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.4	6.9	7.4	7.9	8.4
77.5°	0.0	1.4	2.7	4.1	5.4	6.5	7.2	7.8	8.5	9.1	9.8
75°	0.0	1.6	3.3	4.9	6.4	7.2	8.0	8.7	9.5	10.5	11.5
72.5°	0.0	1.9	3.8	5.7	6.9	7.8	8.7	9.7	10.9	12.1	13.3
70°	0.0	2.2	4.3	6.4	7.4	8.5	9.5	10.9	12.3	13.7	16.0
67.5°	0.0	2.4	4.8	6.8	7.9	9.1	10.5	12.1	13.7	16.3	18.9
65°	0.0	2.7	5.3	7.1	8.4	9.8	11.5	13.3	16.0	18.9	22.3
62.5°	0.0	2.9	5.8	7.5	8.9	10.6	12.5	15.0	18.2	21.8	27.2
60°	0.0	3.1	6.3	7.8	9.4	11.4	13.5	17.0	20.5	26.1	31.9
57.5°	0.0	3.4	6.5	8.2	10.0	12.2	15.0	18.9	23.8	30.2	44.1
55°	0.0	3.6	6.8	8.5	10.6	13.0	16.6	20.7	27.5	36.5	59.6
52.5°	0.0	3.8	7.0	8.9	11.2	13.8	18.2	23.6	31.0	50.0	74.6
50°	0.0	4.0	7.2	9.2	11.8	15.1	19.7	26.6	36.8	63.2	104.5
47.5°	0.0	4.3	7.4	9.5	12.3	16.3	21.3	29.5	48.1	75.9	135.3
45°	0.0	4.5	7.6	9.9	12.8	17.4	23.6	32.3	59.0	102.2	164.9
42.5°	0.0	4.6	7.8	10.3	13.4	18.5	25.9	38.7	69.4	127.8	199.5
40°	0.0	4.8	7.9	10.6	14.0	19.6	28.1	47.4	83.2	152.3	233.5
37.5°	0.0	5.0	8.1	11.0	14.8	20.6	30.1	55.7	103.9	177.2	266.0
35°	0.0	5.2	8.3	11.3	15.6	22.0	32.1	63.5	123.4	204.7	297.4
32.5°	0.0	5.3	8.4	11.6	16.3	23.5	35.3	70.9	141.8	230.7	328.0
30°	0.0	5.5	8.6	11.9	17.0	24.9	41.1	79.7	159.0	255.1	356.7
27.5°	0.0	5.6	8.7	12.2	17.6	26.2	46.6	93.7	176.5	277.7	383.5
25°	0.0	5.7	8.8	12.4	18.1	27.5	51.7	106.5	195.0	299.3	408.4
22.5°	0.0	5.8	8.9	12.6	18.7	28.6	56.2	118.2	211.8	319.4	436.3
20°	0.0	5.9	9.0	12.8	19.1	29.6	60.4	128.7	226.9	337.5	461.5
17.5°	0.0	6.0	9.1	13.0	19.5	30.5	64.1	138.1	240.4	353.7	484.0
15°	0.0	6.1	9.2	13.2	19.9	31.2	67.3	146.3	252.1	367.7	503.6
12.5°	0.0	6.2	9.3	13.3	20.2	31.9	70.0	153.2	262.1	379.7	520.2
10°	0.0	6.2	9.3	13.4	20.5	32.4	72.2	158.9	270.3	389.5	534.0
7.5°	0.0	6.2	9.3	13.5	20.6	32.9	74.0	163.4	276.7	397.2	544.7
5°	0.0	6.3	9.4	13.6	20.8	33.2	75.2	166.5	281.3	402.7	552.3
2.5°	0.0	6.3	9.4	13.6	20.9	33.3	75.9	168.5	284.1	406.0	557.0
0°	0.0	6.3	9.4	13.6	20.9	33.4	76.2	169.1	285.0	407.1	558.5
-2.5°	0.0	6.3	9.4	13.6	20.9	33.3	75.9	168.5	284.1	406.0	557.0
-5°	0.0	6.3	9.4	13.6	20.8	33.2	75.2	166.5	281.3	402.7	552.3
-7.5°	0.0	6.2	9.3	13.5	20.6	32.9	74.0	163.4	276.7	397.2	544.7
-10°	0.0	6.2	9.3	13.4	20.5	32.4	72.2	158.9	270.3	389.5	534.0
-12.5°	0.0	6.2	9.3	13.3	20.2	31.9	70.0	153.2	262.1	379.7	520.2
-15°	0.0	6.1	9.2	13.2	19.9	31.2	67.3	146.3	252.1	367.7	503.6
-17.5°	0.0	6.0	9.1	13.0	19.5	30.5	64.1	138.1	240.4	353.7	484.0
-20°	0.0	5.9	9.0	12.8	19.1	29.6	60.4	128.7	226.9	337.5	461.5



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-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	5.8	8.9	12.6	18.7	28.6	56.2	118.2	211.8	319.4	436.3
-25°	0.0	5.7	8.8	12.4	18.1	27.5	51.7	106.5	195.0	299.3	408.4
-27.5°	0.0	5.6	8.7	12.2	17.6	26.2	46.6	93.7	176.5	277.7	383.5
-30°	0.0	5.5	8.6	11.9	17.0	24.9	41.1	79.7	159.0	255.1	356.7
-32.5°	0.0	5.3	8.4	11.6	16.3	23.5	35.3	70.9	141.8	230.7	328.0
-35°	0.0	5.2	8.3	11.3	15.6	22.0	32.1	63.5	123.4	204.7	297.4
-37.5°	0.0	5.0	8.1	11.0	14.8	20.6	30.1	55.7	103.9	177.2	266.0
-40°	0.0	4.8	7.9	10.6	14.0	19.6	28.1	47.4	83.2	152.3	233.5
-42.5°	0.0	4.6	7.8	10.3	13.4	18.5	25.9	38.7	69.4	127.8	199.5
-45°	0.0	4.5	7.6	9.9	12.8	17.4	23.6	32.3	59.0	102.2	164.9
-47.5°	0.0	4.3	7.4	9.5	12.3	16.3	21.3	29.5	48.1	75.9	135.3
-50°	0.0	4.0	7.2	9.2	11.8	15.1	19.7	26.6	36.8	63.2	104.5
-52.5°	0.0	3.8	7.0	8.9	11.2	13.8	18.2	23.6	31.0	50.0	74.6
-55°	0.0	3.6	6.8	8.5	10.6	13.0	16.6	20.7	27.5	36.5	59.6
-57.5°	0.0	3.4	6.5	8.2	10.0	12.2	15.0	18.9	23.8	30.2	44.1
-60°	0.0	3.1	6.3	7.8	9.4	11.4	13.5	17.0	20.5	26.1	31.9
-62.5°	0.0	2.9	5.8	7.5	8.9	10.6	12.5	15.0	18.2	21.8	27.2
-65°	0.0	2.7	5.3	7.1	8.4	9.8	11.5	13.3	16.0	18.9	22.3
-67.5°	0.0	2.4	4.8	6.8	7.9	9.1	10.5	12.1	13.7	16.3	18.9
-70°	0.0	2.2	4.3	6.4	7.4	8.5	9.5	10.9	12.3	13.7	16.0
-72.5°	0.0	1.9	3.8	5.7	6.9	7.8	8.7	9.7	10.9	12.1	13.3
-75°	0.0	1.6	3.3	4.9	6.4	7.2	8.0	8.7	9.5	10.5	11.5
-77.5°	0.0	1.4	2.7	4.1	5.4	6.5	7.2	7.8	8.5	9.1	9.8
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.4	6.9	7.4	7.9	8.4
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.4	6.8	7.1
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
85°	5.8	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1
82.5°	7.5	7.8	8.2	8.5	8.9	9.2	9.5	9.9	10.3	10.6	11.0
80°	8.9	9.4	10.0	10.6	11.2	11.8	12.3	12.8	13.4	14.0	14.8
77.5°	10.6	11.4	12.2	13.0	13.8	15.1	16.3	17.4	18.5	19.6	20.6
75°	12.5	13.5	15.0	16.6	18.2	19.7	21.3	23.6	25.9	28.1	30.1
72.5°	15.0	17.0	18.9	20.7	23.6	26.6	29.5	32.3	38.7	47.4	55.7
70°	18.2	20.5	23.8	27.5	31.0	36.8	48.1	59.0	69.4	83.2	103.9
67.5°	21.8	26.1	30.2	36.5	50.0	63.2	75.9	102.2	127.8	152.3	177.2
65°	27.2	31.9	44.1	59.6	74.6	104.5	135.3	164.9	199.5	233.5	266.0
62.5°	32.5	47.9	65.3	89.5	125.5	160.4	200.5	241.3	280.5	319.9	357.7
60°	47.9	67.3	97.9	138.1	179.3	226.9	273.1	319.4	364.7	408.4	459.8
57.5°	65.3	97.9	142.3	189.9	242.9	295.0	347.7	398.8	457.8	516.4	573.1
55°	89.5	138.1	189.9	248.3	306.3	364.8	425.2	493.5	559.6	625.6	688.9
52.5°	125.5	179.3	242.9	306.3	370.6	439.5	515.2	589.8	663.7	734.1	799.6
50°	160.4	226.9	295.0	364.8	439.5	522.4	605.0	686.7	763.9	837.1	910.5
47.5°	200.5	273.1	347.7	425.2	515.2	605.0	694.4	778.9	859.9	943.5	1024.5
45°	241.3	319.4	398.8	493.5	589.8	686.7	778.9	867.5	960.1	1043.9	1104.2
42.5°	280.5	364.7	457.8	559.6	663.7	763.9	859.9	960.1	1049.8	1116.2	1154.8
40°	319.9	408.4	516.4	625.6	734.1	837.1	943.5	1043.9	1116.2	1156.6	1176.5
37.5°	357.7	459.8	573.1	688.9	799.6	910.5	1024.5	1104.2	1154.8	1176.5	1252.3
35°	393.7	508.7	628.6	747.9	862.2	982.9	1080.4	1149.4	1172.9	1245.4	1522.2
32.5°	432.5	555.0	681.2	802.7	925.6	1045.2	1132.1	1165.6	1224.6	1403.7	2129.4
30°	472.0	600.0	730.1	854.4	985.8	1090.7	1154.9	1190.5	1285.8	1948.2	2639.5
27.5°	508.7	642.2	774.4	905.4	1038.6	1133.2	1168.4	1244.3	1650.4	2439.5	3086.3
25°	542.7	681.2	815.5	953.5	1075.2	1152.5	1190.2	1294.5	2100.5	2831.7	3276.2
22.5°	574.4	716.8	853.1	997.7	1108.8	1163.2	1233.2	1628.7	2483.3	3183.7	3392.6
20°	603.6	747.9	888.6	1035.5	1139.2	1172.9	1272.3	1981.5	2792.7	3283.0	3488.2
17.5°	629.6	775.5	921.3	1060.5	1150.7	1192.9	1349.3	2298.4	3071.1	3372.6	3569.2
15°	652.3	799.6	949.9	1082.4	1157.7	1221.3	1606.4	2532.3	3219.8	3448.2	3640.7
12.5°	671.7	820.2	974.2	1101.1	1163.7	1245.5	1826.8	2726.8	3282.7	3505.4	3691.3
10°	687.6	837.1	994.3	1116.5	1168.6	1265.6	2009.0	2887.9	3334.8	3552.9	3733.5
7.5°	700.0	850.4	1010.0	1128.5	1172.5	1281.3	2151.9	3014.3	3375.8	3590.3	3766.8
5°	708.9	859.9	1021.3	1137.2	1175.3	1292.6	2254.7	3105.4	3405.4	3617.3	3790.8
2.5°	714.3	865.6	1028.0	1142.4	1176.9	1299.4	2316.6	3160.3	3423.2	3633.5	3805.3
0°	<b>716.1</b>	<b>867.5</b>	<b>1030.3</b>	<b>1144.1</b>	<b>1177.5</b>	<b>1301.7</b>	<b>2337.3</b>	<b>3178.6</b>	<b>3429.2</b>	<b>3639.0</b>	<b>3810.2</b>
-2.5°	714.3	865.6	1028.0	1142.4	1176.9	1299.4	2316.6	3160.3	3423.2	3633.5	3805.3
-5°	708.9	859.9	1021.3	1137.2	1175.3	1292.6	2254.7	3105.4	3405.4	3617.3	3790.8
-7.5°	700.0	850.4	1010.0	1128.5	1172.5	1281.3	2151.9	3014.3	3375.8	3590.3	3766.8
-10°	687.6	837.1	994.3	1116.5	1168.6	1265.6	2009.0	2887.9	3334.8	3552.9	3733.5
-12.5°	671.7	820.2	974.2	1101.1	1163.7	1245.5	1826.8	2726.8	3282.7	3505.4	3691.3
-15°	652.3	799.6	949.9	1082.4	1157.7	1221.3	1606.4	2532.3	3219.8	3448.2	3640.7
-17.5°	629.6	775.5	921.3	1060.5	1150.7	1192.9	1349.3	2298.4	3071.1	3372.6	3569.2
-20°	603.6	747.9	888.6	1035.5	1139.2	1172.9	1272.3	1981.5	2792.7	3283.0	3488.2



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	574.4	716.8	853.1	997.7	1108.8	1163.2	1233.2	1628.7	2483.3	3183.7	3392.6
-25°	542.7	681.2	815.5	953.5	1075.2	1152.5	1190.2	1294.5	2100.5	2831.7	3276.2
-27.5°	508.7	642.2	774.4	905.4	1038.6	1133.2	1168.4	1244.3	1650.4	2439.5	3086.3
-30°	472.0	600.0	730.1	854.4	985.8	1090.7	1154.9	1190.5	1285.8	1948.2	2639.5
-32.5°	432.5	555.0	681.2	802.7	925.6	1045.2	1132.1	1165.6	1224.6	1403.7	2129.4
-35°	393.7	508.7	628.6	747.9	862.2	982.9	1080.4	1149.4	1172.9	1245.4	1522.2
-37.5°	357.7	459.8	573.1	688.9	799.6	910.5	1024.5	1104.2	1154.8	1176.5	1252.3
-40°	319.9	408.4	516.4	625.6	734.1	837.1	943.5	1043.9	1116.2	1156.6	1176.5
-42.5°	280.5	364.7	457.8	559.6	663.7	763.9	859.9	960.1	1049.8	1116.2	1154.8
-45°	241.3	319.4	398.8	493.5	589.8	686.7	778.9	867.5	960.1	1043.9	1104.2
-47.5°	200.5	273.1	347.7	425.2	515.2	605.0	694.4	778.9	859.9	943.5	1024.5
-50°	160.4	226.9	295.0	364.8	439.5	522.4	605.0	686.7	763.9	837.1	910.5
-52.5°	125.5	179.3	242.9	306.3	370.6	439.5	515.2	589.8	663.7	734.1	799.6
-55°	89.5	138.1	189.9	248.3	306.3	364.8	425.2	493.5	559.6	625.6	688.9
-57.5°	65.3	97.9	142.3	189.9	242.9	295.0	347.7	398.8	457.8	516.4	573.1
-60°	47.9	67.3	97.9	138.1	179.3	226.9	273.1	319.4	364.7	408.4	459.8
-62.5°	32.5	47.9	65.3	89.5	125.5	160.4	200.5	241.3	280.5	319.9	357.7
-65°	27.2	31.9	44.1	59.6	74.6	104.5	135.3	164.9	199.5	233.5	266.0
-67.5°	21.8	26.1	30.2	36.5	50.0	63.2	75.9	102.2	127.8	152.3	177.2
-70°	18.2	20.5	23.8	27.5	31.0	36.8	48.1	59.0	69.4	83.2	103.9
-72.5°	15.0	17.0	18.9	20.7	23.6	26.6	29.5	32.3	38.7	47.4	55.7
-75°	12.5	13.5	15.0	16.6	18.2	19.7	21.3	23.6	25.9	28.1	30.1
-77.5°	10.6	11.4	12.2	13.0	13.8	15.1	16.3	17.4	18.5	19.6	20.6
-80°	8.9	9.4	10.0	10.6	11.2	11.8	12.3	12.8	13.4	14.0	14.8
-82.5°	7.5	7.8	8.2	8.5	8.9	9.2	9.5	9.9	10.3	10.6	11.0
-85°	5.8	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1
-87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
-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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-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°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2
85°	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.3
82.5°	11.3	11.6	11.9	12.2	12.4	12.6	12.8	13.0	13.2	13.3	13.4
80°	15.6	16.3	17.0	17.6	18.1	18.7	19.1	19.5	19.9	20.2	20.5
77.5°	22.0	23.5	24.9	26.2	27.5	28.6	29.6	30.5	31.2	31.9	32.4
75°	32.1	35.3	41.1	46.6	51.7	56.2	60.4	64.1	67.3	70.0	72.2
72.5°	63.5	70.9	79.7	93.7	106.5	118.2	128.7	138.1	146.3	153.2	158.9
70°	123.4	141.8	159.0	176.5	195.0	211.8	226.9	240.4	252.1	262.1	270.3
67.5°	204.7	230.7	255.1	277.7	299.3	319.4	337.5	353.7	367.7	379.7	389.5
65°	297.4	328.0	356.7	383.5	408.4	436.3	461.5	484.0	503.6	520.2	534.0
62.5°	393.7	432.5	472.0	508.7	542.7	574.4	603.6	629.6	652.3	671.7	687.6
60°	508.7	555.0	600.0	642.2	681.2	716.8	747.9	775.5	799.6	820.2	837.1
57.5°	628.6	681.2	730.1	774.4	815.5	853.1	888.6	921.3	949.9	974.2	994.3
55°	747.9	802.7	854.4	905.4	953.5	997.7	1035.5	1060.5	1082.4	1101.1	1116.5
52.5°	862.2	925.6	985.8	1038.6	1075.2	1108.8	1139.2	1150.7	1157.7	1163.7	1168.6
50°	982.9	1045.2	1090.7	1133.2	1152.5	1163.2	1172.9	1192.9	1221.3	1245.5	1265.6
47.5°	1080.4	1132.1	1154.9	1168.4	1190.2	1233.2	1272.3	1349.3	1606.4	1826.8	2009.0
45°	1149.4	1165.6	1190.5	1244.3	1294.5	1628.7	1981.5	2298.4	2532.3	2726.8	2887.9
42.5°	1172.9	1224.6	1285.8	1650.4	2100.5	2483.3	2792.7	3071.1	3219.8	3282.7	3334.8
40°	1245.4	1403.7	1948.2	2439.5	2831.7	3183.7	3283.0	3372.6	3448.2	3505.4	3552.9
37.5°	1522.2	2129.4	2639.5	3086.3	3276.2	3392.6	3488.2	3569.2	3640.7	3691.3	3733.5
35°	2190.3	2740.7	3197.3	3339.2	3465.8	3570.4	3661.7	3733.1	3796.6	3818.5	3827.8
32.5°	2740.7	3212.8	3371.0	3506.9	3626.5	3720.3	3804.9	3824.6	3838.5	3843.9	3842.7
30°	3197.3	3371.0	3520.7	3652.0	3756.1	3819.0	3837.3	3843.5	3841.7	3835.0	3815.2
27.5°	3339.2	3506.9	3652.0	3768.2	3824.0	3844.5	3842.2	3833.7	3804.6	3779.0	3864.5
25°	3465.8	3626.5	3756.1	3824.0	3844.2	3841.6	3818.5	3783.6	3886.4	3997.7	4787.5
22.5°	3570.4	3720.3	3819.0	3844.5	3841.6	3813.4	3803.0	3953.3	4768.0	6135.4	8579.7
20°	3661.7	3804.9	3837.3	3842.2	3818.5	3803.0	3976.0	5303.4	7467.3	12565.4	17509.6
17.5°	3733.1	3824.6	3843.5	3833.7	3783.6	3953.3	5303.4	8441.8	14631.9	22833.9	30807.3
15°	3796.6	3838.5	3841.7	3804.6	3886.4	4768.0	7467.3	14631.9	24660.1	37137.1	52326.6
12.5°	3818.5	3843.9	3835.0	3779.0	3997.7	6135.4	12565.4	22833.9	37137.1	56015.8	79133.3
10°	3827.8	3842.7	3815.2	3864.5	4787.5	8579.7	17509.6	30807.3	52326.6	79133.3	108072.7
7.5°	3835.0	3841.7	3799.6	3933.2	5639.5	11793.3	23352.9	41687.3	68085.0	100549.3	138962.2
5°	3840.3	3841.1	3788.2	3983.4	6264.0	14162.5	27694.1	50105.2	81484.2	120258.1	165054.9
2.5°	3843.5	3840.6	3781.2	4013.9	6645.5	15616.0	30372.9	55342.1	89920.6	133721.5	182068.2
0°	3844.6	3840.5	3778.9	4024.2	6773.8	16106.1	31279.0	57121.5	92806.7	138511.2	188034.2
-2.5°	3843.5	3840.6	3781.2	4013.9	6645.5	15616.0	30372.9	55342.1	89920.6	133721.5	182068.2
-5°	3840.3	3841.1	3788.2	3983.4	6264.0	14162.5	27694.1	50105.2	81484.2	120258.1	165054.9
-7.5°	3835.0	3841.7	3799.6	3933.2	5639.5	11793.3	23352.9	41687.3	68085.0	100549.3	138962.2
-10°	3827.8	3842.7	3815.2	3864.5	4787.5	8579.7	17509.6	30807.3	52326.6	79133.3	108072.7
-12.5°	3818.5	3843.9	3835.0	3779.0	3997.7	6135.4	12565.4	22833.9	37137.1	56015.8	79133.3
-15°	3796.6	3838.5	3841.7	3804.6	3886.4	4768.0	7467.3	14631.9	24660.1	37137.1	52326.6
-17.5°	3733.1	3824.6	3843.5	3833.7	3783.6	3953.3	5303.4	8441.8	14631.9	22833.9	30807.3
-20°	3661.7	3804.9	3837.3	3842.2	3818.5	3803.0	3976.0	5303.4	7467.3	12565.4	17509.6



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3570.4	3720.3	3819.0	3844.5	3841.6	3813.4	3803.0	3953.3	4768.0	6135.4	8579.7
-25°	3465.8	3626.5	3756.1	3824.0	3844.2	3841.6	3818.5	3783.6	3886.4	3997.7	4787.5
-27.5°	3339.2	3506.9	3652.0	3768.2	3824.0	3844.5	3842.2	3833.7	3804.6	3779.0	3864.5
-30°	3197.3	3371.0	3520.7	3652.0	3756.1	3819.0	3837.3	3843.5	3841.7	3835.0	3815.2
-32.5°	2740.7	3212.8	3371.0	3506.9	3626.5	3720.3	3804.9	3824.6	3838.5	3843.9	3842.7
-35°	2190.3	2740.7	3197.3	3339.2	3465.8	3570.4	3661.7	3733.1	3796.6	3818.5	3827.8
-37.5°	1522.2	2129.4	2639.5	3086.3	3276.2	3392.6	3488.2	3569.2	3640.7	3691.3	3733.5
-40°	1245.4	1403.7	1948.2	2439.5	2831.7	3183.7	3283.0	3372.6	3448.2	3505.4	3552.9
-42.5°	1172.9	1224.6	1285.8	1650.4	2100.5	2483.3	2792.7	3071.1	3219.8	3282.7	3334.8
-45°	1149.4	1165.6	1190.5	1244.3	1294.5	1628.7	1981.5	2298.4	2532.3	2726.8	2887.9
-47.5°	1080.4	1132.1	1154.9	1168.4	1190.2	1233.2	1272.3	1349.3	1606.4	1826.8	2009.0
-50°	982.9	1045.2	1090.7	1133.2	1152.5	1163.2	1172.9	1192.9	1221.3	1245.5	1265.6
-52.5°	862.2	925.6	985.8	1038.6	1075.2	1108.8	1139.2	1150.7	1157.7	1163.7	1168.6
-55°	747.9	802.7	854.4	905.4	953.5	997.7	1035.5	1060.5	1082.4	1101.1	1116.5
-57.5°	628.6	681.2	730.1	774.4	815.5	853.1	888.6	921.3	949.9	974.2	994.3
-60°	508.7	555.0	600.0	642.2	681.2	716.8	747.9	775.5	799.6	820.2	837.1
-62.5°	393.7	432.5	472.0	508.7	542.7	574.4	603.6	629.6	652.3	671.7	687.6
-65°	297.4	328.0	356.7	383.5	408.4	436.3	461.5	484.0	503.6	520.2	534.0
-67.5°	204.7	230.7	255.1	277.7	299.3	319.4	337.5	353.7	367.7	379.7	389.5
-70°	123.4	141.8	159.0	176.5	195.0	211.8	226.9	240.4	252.1	262.1	270.3
-72.5°	63.5	70.9	79.7	93.7	106.5	118.2	128.7	138.1	146.3	153.2	158.9
-75°	32.1	35.3	41.1	46.6	51.7	56.2	60.4	64.1	67.3	70.0	72.2
-77.5°	22.0	23.5	24.9	26.2	27.5	28.6	29.6	30.5	31.2	31.9	32.4
-80°	15.6	16.3	17.0	17.6	18.1	18.7	19.1	19.5	19.9	20.2	20.5
-82.5°	11.3	11.6	11.9	12.2	12.4	12.6	12.8	13.0	13.2	13.3	13.4
-85°	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.3
-87.5°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2
-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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
85°	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.1
82.5°	13.5	13.6	13.6	13.6	13.6	13.6	13.5	13.4	13.3	13.2	13.0
80°	20.6	20.8	20.9	20.9	20.9	20.8	20.6	20.5	20.2	19.9	19.5
77.5°	32.9	33.2	33.3	33.4	33.3	33.2	32.9	32.4	31.9	31.2	30.5
75°	74.0	75.2	75.9	76.2	75.9	75.2	74.0	72.2	70.0	67.3	64.1
72.5°	163.4	166.5	168.5	169.1	168.5	166.5	163.4	158.9	153.2	146.3	138.1
70°	276.7	281.3	284.1	285.0	284.1	281.3	276.7	270.3	262.1	252.1	240.4
67.5°	397.2	402.7	406.0	407.1	406.0	402.7	397.2	389.5	379.7	367.7	353.7
65°	544.7	552.3	557.0	558.5	557.0	552.3	544.7	534.0	520.2	503.6	484.0
62.5°	700.0	708.9	714.3	716.1	714.3	708.9	700.0	687.6	671.7	652.3	629.6
60°	850.4	859.9	865.6	867.5	865.6	859.9	850.4	837.1	820.2	799.6	775.5
57.5°	1010.0	1021.3	1028.0	1030.3	1028.0	1021.3	1010.0	994.3	974.2	949.9	921.3
55°	1128.5	1137.2	1142.4	1144.1	1142.4	1137.2	1128.5	1116.5	1101.1	1082.4	1060.5
52.5°	1172.5	1175.3	1176.9	1177.5	1176.9	1175.3	1172.5	1168.6	1163.7	1157.7	1150.7
50°	1281.3	1292.6	1299.4	1301.7	1299.4	1292.6	1281.3	1265.6	1245.5	1221.3	1192.9
47.5°	2151.9	2254.7	2316.6	2337.3	2316.6	2254.7	2151.9	2009.0	1826.8	1606.4	1349.3
45°	3014.3	3105.4	3160.3	3178.6	3160.3	3105.4	3014.3	2887.9	2726.8	2532.3	2298.4
42.5°	3375.8	3405.4	3423.2	3429.2	3423.2	3405.4	3375.8	3334.8	3282.7	3219.8	3071.1
40°	3590.3	3617.3	3633.5	3639.0	3633.5	3617.3	3590.3	3552.9	3505.4	3448.2	3372.6
37.5°	3766.8	3790.8	3805.3	3810.2	3805.3	3790.8	3766.8	3733.5	3691.3	3640.7	3569.2
35°	3835.0	3840.3	3843.5	3844.6	3843.5	3840.3	3835.0	3827.8	3818.5	3796.6	3733.1
32.5°	3841.7	3841.1	3840.6	3840.5	3840.6	3841.1	3841.7	3842.7	3843.9	3838.5	3824.6
30°	3799.6	3788.2	3781.2	3778.9	3781.2	3788.2	3799.6	3815.2	3835.0	3841.7	3843.5
27.5°	3933.2	3983.4	4013.9	4024.2	4013.9	3983.4	3933.2	3864.5	3779.0	3804.6	3833.7
25°	5639.5	6264.0	6645.5	6773.8	6645.5	6264.0	5639.5	4787.5	3997.7	3886.4	3783.6
22.5°	11793.3	14162.5	15616.0	16106.1	15616.0	14162.5	11793.3	8579.7	6135.4	4768.0	3953.3
20°	23352.9	27694.1	30372.9	31279.0	30372.9	27694.1	23352.9	17509.6	12565.4	7467.3	5303.4
17.5°	41687.3	50105.2	55342.1	57121.5	55342.1	50105.2	41687.3	30807.3	22833.9	14631.9	8441.8
15°	68085.0	81484.2	89920.6	92806.7	89920.6	81484.2	68085.0	52326.6	37137.1	24660.1	14631.9
12.5°	100549.3	120258.1	133721.5	138511.2	133721.5	120258.1	100549.3	79133.3	56015.8	37137.1	22833.9
10°	138962.2	165054.9	182068.2	188034.2	182068.2	165054.9	138962.2	108072.7	79133.3	52326.6	30807.3
7.5°	176453.7	207431.7	230281.6	238551.5	230281.6	207431.7	176453.7	138962.2	100549.3	68085.0	41687.3
5°	207431.7	247436.2	271965.1	279718.7	271965.1	247436.2	207431.7	165054.9	120258.1	81484.2	50105.2
2.5°	230281.6	271965.1	298480.4	312229.0	298480.4	271965.1	230281.6	182068.2	133721.5	89920.6	55342.1
0°	238551.5	279718.7	312229.0	335565.6	312229.0	279718.7	238551.5	188034.2	138511.2	92806.7	57121.5
-2.5°	230281.6	271965.1	298480.4	312229.0	298480.4	271965.1	230281.6	182068.2	133721.5	89920.6	55342.1
-5°	207431.7	247436.2	271965.1	279718.7	271965.1	247436.2	207431.7	165054.9	120258.1	81484.2	50105.2
-7.5°	176453.7	207431.7	230281.6	238551.5	230281.6	207431.7	176453.7	138962.2	100549.3	68085.0	41687.3
-10°	138962.2	165054.9	182068.2	188034.2	182068.2	165054.9	138962.2	108072.7	79133.3	52326.6	30807.3
-12.5°	100549.3	120258.1	133721.5	138511.2	133721.5	120258.1	100549.3	79133.3	56015.8	37137.1	22833.9
-15°	68085.0	81484.2	89920.6	92806.7	89920.6	81484.2	68085.0	52326.6	37137.1	24660.1	14631.9
-17.5°	41687.3	50105.2	55342.1	57121.5	55342.1	50105.2	41687.3	30807.3	22833.9	14631.9	8441.8
-20°	23352.9	27694.1	30372.9	31279.0	30372.9	27694.1	23352.9	17509.6	12565.4	7467.3	5303.4



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11793.3	14162.5	15616.0	16106.1	15616.0	14162.5	11793.3	8579.7	6135.4	4768.0	3953.3
-25°	5639.5	6264.0	6645.5	6773.8	6645.5	6264.0	5639.5	4787.5	3997.7	3886.4	3783.6
-27.5°	3933.2	3983.4	4013.9	4024.2	4013.9	3983.4	3933.2	3864.5	3779.0	3804.6	3833.7
-30°	3799.6	3788.2	3781.2	3778.9	3781.2	3788.2	3799.6	3815.2	3835.0	3841.7	3843.5
-32.5°	3841.7	3841.1	3840.6	3840.5	3840.6	3841.1	3841.7	3842.7	3843.9	3838.5	3824.6
-35°	3835.0	3840.3	3843.5	3844.6	3843.5	3840.3	3835.0	3827.8	3818.5	3796.6	3733.1
-37.5°	3766.8	3790.8	3805.3	3810.2	3805.3	3790.8	3766.8	3733.5	3691.3	3640.7	3569.2
-40°	3590.3	3617.3	3633.5	3639.0	3633.5	3617.3	3590.3	3552.9	3505.4	3448.2	3372.6
-42.5°	3375.8	3405.4	3423.2	3429.2	3423.2	3405.4	3375.8	3334.8	3282.7	3219.8	3071.1
-45°	3014.3	3105.4	3160.3	3178.6	3160.3	3105.4	3014.3	2887.9	2726.8	2532.3	2298.4
-47.5°	2151.9	2254.7	2316.6	2337.3	2316.6	2254.7	2151.9	2009.0	1826.8	1606.4	1349.3
-50°	1281.3	1292.6	1299.4	1301.7	1299.4	1292.6	1281.3	1265.6	1245.5	1221.3	1192.9
-52.5°	1172.5	1175.3	1176.9	1177.5	1176.9	1175.3	1172.5	1168.6	1163.7	1157.7	1150.7
-55°	1128.5	1137.2	1142.4	1144.1	1142.4	1137.2	1128.5	1116.5	1101.1	1082.4	1060.5
-57.5°	1010.0	1021.3	1028.0	1030.3	1028.0	1021.3	1010.0	994.3	974.2	949.9	921.3
-60°	850.4	859.9	865.6	867.5	865.6	859.9	850.4	837.1	820.2	799.6	775.5
-62.5°	700.0	708.9	714.3	716.1	714.3	708.9	700.0	687.6	671.7	652.3	629.6
-65°	544.7	552.3	557.0	558.5	557.0	552.3	544.7	534.0	520.2	503.6	484.0
-67.5°	397.2	402.7	406.0	407.1	406.0	402.7	397.2	389.5	379.7	367.7	353.7
-70°	276.7	281.3	284.1	285.0	284.1	281.3	276.7	270.3	262.1	252.1	240.4
-72.5°	163.4	166.5	168.5	169.1	168.5	166.5	163.4	158.9	153.2	146.3	138.1
-75°	74.0	75.2	75.9	76.2	75.9	75.2	74.0	72.2	70.0	67.3	64.1
-77.5°	32.9	33.2	33.3	33.4	33.3	33.2	32.9	32.4	31.9	31.2	30.5
-80°	20.6	20.8	20.9	20.9	20.9	20.8	20.6	20.5	20.2	19.9	19.5
-82.5°	13.5	13.6	13.6	13.6	13.6	13.6	13.5	13.4	13.3	13.2	13.0
-85°	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.1
-87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
-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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-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°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5
85°	9.0	8.9	8.8	8.7	8.6	8.4	8.3	8.1	7.9	7.8	7.6
82.5°	12.8	12.6	12.4	12.2	11.9	11.6	11.3	11.0	10.6	10.3	9.9
80°	19.1	18.7	18.1	17.6	17.0	16.3	15.6	14.8	14.0	13.4	12.8
77.5°	29.6	28.6	27.5	26.2	24.9	23.5	22.0	20.6	19.6	18.5	17.4
75°	60.4	56.2	51.7	46.6	41.1	35.3	32.1	30.1	28.1	25.9	23.6
72.5°	128.7	118.2	106.5	93.7	79.7	70.9	63.5	55.7	47.4	38.7	32.3
70°	226.9	211.8	195.0	176.5	159.0	141.8	123.4	103.9	83.2	69.4	59.0
67.5°	337.5	319.4	299.3	277.7	255.1	230.7	204.7	177.2	152.3	127.8	102.2
65°	461.5	436.3	408.4	383.5	356.7	328.0	297.4	266.0	233.5	199.5	164.9
62.5°	603.6	574.4	542.7	508.7	472.0	432.5	393.7	357.7	319.9	280.5	241.3
60°	747.9	716.8	681.2	642.2	600.0	555.0	508.7	459.8	408.4	364.7	319.4
57.5°	888.6	853.1	815.5	774.4	730.1	681.2	628.6	573.1	516.4	457.8	398.8
55°	1035.5	997.7	953.5	905.4	854.4	802.7	747.9	688.9	625.6	559.6	493.5
52.5°	1139.2	1108.8	1075.2	1038.6	985.8	925.6	862.2	799.6	734.1	663.7	589.8
50°	1172.9	1163.2	1152.5	1133.2	1090.7	1045.2	982.9	910.5	837.1	763.9	686.7
47.5°	1272.3	1233.2	1190.2	1168.4	1154.9	1132.1	1080.4	1024.5	943.5	859.9	778.9
45°	1981.5	1628.7	1294.5	1244.3	1190.5	1165.6	1149.4	1104.2	1043.9	960.1	867.5
42.5°	2792.7	2483.3	2100.5	1650.4	1285.8	1224.6	1172.9	1154.8	1116.2	1049.8	960.1
40°	3283.0	3183.7	2831.7	2439.5	1948.2	1403.7	1245.4	1176.5	1156.6	1116.2	1043.9
37.5°	3488.2	3392.6	3276.2	3086.3	2639.5	2129.4	1522.2	1252.3	1176.5	1154.8	1104.2
35°	3661.7	3570.4	3465.8	3339.2	3197.3	2740.7	2190.3	1522.2	1245.4	1172.9	1149.4
32.5°	3804.9	3720.3	3626.5	3506.9	3371.0	3212.8	2740.7	2129.4	1403.7	1224.6	1165.6
30°	3837.3	3819.0	3756.1	3652.0	3520.7	3371.0	3197.3	2639.5	1948.2	1285.8	1190.5
27.5°	3842.2	3844.5	3824.0	3768.2	3652.0	3506.9	3339.2	3086.3	2439.5	1650.4	1244.3
25°	3818.5	3841.6	3844.2	3824.0	3756.1	3626.5	3465.8	3276.2	2831.7	2100.5	1294.5
22.5°	3803.0	3813.4	3841.6	3844.5	3819.0	3720.3	3570.4	3392.6	3183.7	2483.3	1628.7
20°	3976.0	3803.0	3818.5	3842.2	3837.3	3804.9	3661.7	3488.2	3283.0	2792.7	1981.5
17.5°	5303.4	3953.3	3783.6	3833.7	3843.5	3824.6	3733.1	3569.2	3372.6	3071.1	2298.4
15°	7467.3	4768.0	3886.4	3804.6	3841.7	3838.5	3796.6	3640.7	3448.2	3219.8	2532.3
12.5°	12565.4	6135.4	3997.7	3779.0	3835.0	3843.9	3818.5	3691.3	3505.4	3282.7	2726.8
10°	17509.6	8579.7	4787.5	3864.5	3815.2	3842.7	3827.8	3733.5	3552.9	3334.8	2887.9
7.5°	23352.9	11793.3	5639.5	3933.2	3799.6	3841.7	3835.0	3766.8	3590.3	3375.8	3014.3
5°	27694.1	14162.5	6264.0	3983.4	3788.2	3841.1	3840.3	3790.8	3617.3	3405.4	3105.4
2.5°	30372.9	15616.0	6645.5	4013.9	3781.2	3840.6	3843.5	3805.3	3633.5	3423.2	3160.3
0°	<b>31279.0</b>	<b>16106.1</b>	<b>6773.8</b>	<b>4024.2</b>	<b>3778.9</b>	<b>3840.5</b>	<b>3844.6</b>	<b>3810.2</b>	<b>3639.0</b>	<b>3429.2</b>	<b>3178.6</b>
-2.5°	30372.9	15616.0	6645.5	4013.9	3781.2	3840.6	3843.5	3805.3	3633.5	3423.2	3160.3
-5°	27694.1	14162.5	6264.0	3983.4	3788.2	3841.1	3840.3	3790.8	3617.3	3405.4	3105.4
-7.5°	23352.9	11793.3	5639.5	3933.2	3799.6	3841.7	3835.0	3766.8	3590.3	3375.8	3014.3
-10°	17509.6	8579.7	4787.5	3864.5	3815.2	3842.7	3827.8	3733.5	3552.9	3334.8	2887.9
-12.5°	12565.4	6135.4	3997.7	3779.0	3835.0	3843.9	3818.5	3691.3	3505.4	3282.7	2726.8
-15°	7467.3	4768.0	3886.4	3804.6	3841.7	3838.5	3796.6	3640.7	3448.2	3219.8	2532.3
-17.5°	5303.4	3953.3	3783.6	3833.7	3843.5	3824.6	3733.1	3569.2	3372.6	3071.1	2298.4
-20°	3976.0	3803.0	3818.5	3842.2	3837.3	3804.9	3661.7	3488.2	3283.0	2792.7	1981.5



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3803.0	3813.4	3841.6	3844.5	3819.0	3720.3	3570.4	3392.6	3183.7	2483.3	1628.7
-25°	3818.5	3841.6	3844.2	3824.0	3756.1	3626.5	3465.8	3276.2	2831.7	2100.5	1294.5
-27.5°	3842.2	3844.5	3824.0	3768.2	3652.0	3506.9	3339.2	3086.3	2439.5	1650.4	1244.3
-30°	3837.3	3819.0	3756.1	3652.0	3520.7	3371.0	3197.3	2639.5	1948.2	1285.8	1190.5
-32.5°	3804.9	3720.3	3626.5	3506.9	3371.0	3212.8	2740.7	2129.4	1403.7	1224.6	1165.6
-35°	3661.7	3570.4	3465.8	3339.2	3197.3	2740.7	2190.3	1522.2	1245.4	1172.9	1149.4
-37.5°	3488.2	3392.6	3276.2	3086.3	2639.5	2129.4	1522.2	1252.3	1176.5	1154.8	1104.2
-40°	3283.0	3183.7	2831.7	2439.5	1948.2	1403.7	1245.4	1176.5	1156.6	1116.2	1043.9
-42.5°	2792.7	2483.3	2100.5	1650.4	1285.8	1224.6	1172.9	1154.8	1116.2	1049.8	960.1
-45°	1981.5	1628.7	1294.5	1244.3	1190.5	1165.6	1149.4	1104.2	1043.9	960.1	867.5
-47.5°	1272.3	1233.2	1190.2	1168.4	1154.9	1132.1	1080.4	1024.5	943.5	859.9	778.9
-50°	1172.9	1163.2	1152.5	1133.2	1090.7	1045.2	982.9	910.5	837.1	763.9	686.7
-52.5°	1139.2	1108.8	1075.2	1038.6	985.8	925.6	862.2	799.6	734.1	663.7	589.8
-55°	1035.5	997.7	953.5	905.4	854.4	802.7	747.9	688.9	625.6	559.6	493.5
-57.5°	888.6	853.1	815.5	774.4	730.1	681.2	628.6	573.1	516.4	457.8	398.8
-60°	747.9	716.8	681.2	642.2	600.0	555.0	508.7	459.8	408.4	364.7	319.4
-62.5°	603.6	574.4	542.7	508.7	472.0	432.5	393.7	357.7	319.9	280.5	241.3
-65°	461.5	436.3	408.4	383.5	356.7	328.0	297.4	266.0	233.5	199.5	164.9
-67.5°	337.5	319.4	299.3	277.7	255.1	230.7	204.7	177.2	152.3	127.8	102.2
-70°	226.9	211.8	195.0	176.5	159.0	141.8	123.4	103.9	83.2	69.4	59.0
-72.5°	128.7	118.2	106.5	93.7	79.7	70.9	63.5	55.7	47.4	38.7	32.3
-75°	60.4	56.2	51.7	46.6	41.1	35.3	32.1	30.1	28.1	25.9	23.6
-77.5°	29.6	28.6	27.5	26.2	24.9	23.5	22.0	20.6	19.6	18.5	17.4
-80°	19.1	18.7	18.1	17.6	17.0	16.3	15.6	14.8	14.0	13.4	12.8
-82.5°	12.8	12.6	12.4	12.2	11.9	11.6	11.3	11.0	10.6	10.3	9.9
-85°	9.0	8.9	8.8	8.7	8.6	8.4	8.3	8.1	7.9	7.8	7.6
-87.5°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5
-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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
85°	7.4	7.2	7.0	6.8	6.5	6.3	5.8	5.3	4.8	4.3	3.8
82.5°	9.5	9.2	8.9	8.5	8.2	7.8	7.5	7.1	6.8	6.4	5.7
80°	12.3	11.8	11.2	10.6	10.0	9.4	8.9	8.4	7.9	7.4	6.9
77.5°	16.3	15.1	13.8	13.0	12.2	11.4	10.6	9.8	9.1	8.5	7.8
75°	21.3	19.7	18.2	16.6	15.0	13.5	12.5	11.5	10.5	9.5	8.7
72.5°	29.5	26.6	23.6	20.7	18.9	17.0	15.0	13.3	12.1	10.9	9.7
70°	48.1	36.8	31.0	27.5	23.8	20.5	18.2	16.0	13.7	12.3	10.9
67.5°	75.9	63.2	50.0	36.5	30.2	26.1	21.8	18.9	16.3	13.7	12.1
65°	135.3	104.5	74.6	59.6	44.1	31.9	27.2	22.3	18.9	16.0	13.3
62.5°	200.5	160.4	125.5	89.5	65.3	47.9	32.5	27.2	21.8	18.2	15.0
60°	273.1	226.9	179.3	138.1	97.9	67.3	47.9	31.9	26.1	20.5	17.0
57.5°	347.7	295.0	242.9	189.9	142.3	97.9	65.3	44.1	30.2	23.8	18.9
55°	425.2	364.8	306.3	248.3	189.9	138.1	89.5	59.6	36.5	27.5	20.7
52.5°	515.2	439.5	370.6	306.3	242.9	179.3	125.5	74.6	50.0	31.0	23.6
50°	605.0	522.4	439.5	364.8	295.0	226.9	160.4	104.5	63.2	36.8	26.6
47.5°	694.4	605.0	515.2	425.2	347.7	273.1	200.5	135.3	75.9	48.1	29.5
45°	778.9	686.7	589.8	493.5	398.8	319.4	241.3	164.9	102.2	59.0	32.3
42.5°	859.9	763.9	663.7	559.6	457.8	364.7	280.5	199.5	127.8	69.4	38.7
40°	943.5	837.1	734.1	625.6	516.4	408.4	319.9	233.5	152.3	83.2	47.4
37.5°	1024.5	910.5	799.6	688.9	573.1	459.8	357.7	266.0	177.2	103.9	55.7
35°	1080.4	982.9	862.2	747.9	628.6	508.7	393.7	297.4	204.7	123.4	63.5
32.5°	1132.1	1045.2	925.6	802.7	681.2	555.0	432.5	328.0	230.7	141.8	70.9
30°	1154.9	1090.7	985.8	854.4	730.1	600.0	472.0	356.7	255.1	159.0	79.7
27.5°	1168.4	1133.2	1038.6	905.4	774.4	642.2	508.7	383.5	277.7	176.5	93.7
25°	1190.2	1152.5	1075.2	953.5	815.5	681.2	542.7	408.4	299.3	195.0	106.5
22.5°	1233.2	1163.2	1108.8	997.7	853.1	716.8	574.4	436.3	319.4	211.8	118.2
20°	1272.3	1172.9	1139.2	1035.5	888.6	747.9	603.6	461.5	337.5	226.9	128.7
17.5°	1349.3	1192.9	1150.7	1060.5	921.3	775.5	629.6	484.0	353.7	240.4	138.1
15°	1606.4	1221.3	1157.7	1082.4	949.9	799.6	652.3	503.6	367.7	252.1	146.3
12.5°	1826.8	1245.5	1163.7	1101.1	974.2	820.2	671.7	520.2	379.7	262.1	153.2
10°	2009.0	1265.6	1168.6	1116.5	994.3	837.1	687.6	534.0	389.5	270.3	158.9
7.5°	2151.9	1281.3	1172.5	1128.5	1010.0	850.4	700.0	544.7	397.2	276.7	163.4
5°	2254.7	1292.6	1175.3	1137.2	1021.3	859.9	708.9	552.3	402.7	281.3	166.5
2.5°	2316.6	1299.4	1176.9	1142.4	1028.0	865.6	714.3	557.0	406.0	284.1	168.5
0°	<b>2337.3</b>	<b>1301.7</b>	<b>1177.5</b>	<b>1144.1</b>	<b>1030.3</b>	<b>867.5</b>	<b>716.1</b>	<b>558.5</b>	<b>407.1</b>	<b>285.0</b>	<b>169.1</b>
-2.5°	2316.6	1299.4	1176.9	1142.4	1028.0	865.6	714.3	557.0	406.0	284.1	168.5
-5°	2254.7	1292.6	1175.3	1137.2	1021.3	859.9	708.9	552.3	402.7	281.3	166.5
-7.5°	2151.9	1281.3	1172.5	1128.5	1010.0	850.4	700.0	544.7	397.2	276.7	163.4
-10°	2009.0	1265.6	1168.6	1116.5	994.3	837.1	687.6	534.0	389.5	270.3	158.9
-12.5°	1826.8	1245.5	1163.7	1101.1	974.2	820.2	671.7	520.2	379.7	262.1	153.2
-15°	1606.4	1221.3	1157.7	1082.4	949.9	799.6	652.3	503.6	367.7	252.1	146.3
-17.5°	1349.3	1192.9	1150.7	1060.5	921.3	775.5	629.6	484.0	353.7	240.4	138.1
-20°	1272.3	1172.9	1139.2	1035.5	888.6	747.9	603.6	461.5	337.5	226.9	128.7



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1233.2	1163.2	1108.8	997.7	853.1	716.8	574.4	436.3	319.4	211.8	118.2
-25°	1190.2	1152.5	1075.2	953.5	815.5	681.2	542.7	408.4	299.3	195.0	106.5
-27.5°	1168.4	1133.2	1038.6	905.4	774.4	642.2	508.7	383.5	277.7	176.5	93.7
-30°	1154.9	1090.7	985.8	854.4	730.1	600.0	472.0	356.7	255.1	159.0	79.7
-32.5°	1132.1	1045.2	925.6	802.7	681.2	555.0	432.5	328.0	230.7	141.8	70.9
-35°	1080.4	982.9	862.2	747.9	628.6	508.7	393.7	297.4	204.7	123.4	63.5
-37.5°	1024.5	910.5	799.6	688.9	573.1	459.8	357.7	266.0	177.2	103.9	55.7
-40°	943.5	837.1	734.1	625.6	516.4	408.4	319.9	233.5	152.3	83.2	47.4
-42.5°	859.9	763.9	663.7	559.6	457.8	364.7	280.5	199.5	127.8	69.4	38.7
-45°	778.9	686.7	589.8	493.5	398.8	319.4	241.3	164.9	102.2	59.0	32.3
-47.5°	694.4	605.0	515.2	425.2	347.7	273.1	200.5	135.3	75.9	48.1	29.5
-50°	605.0	522.4	439.5	364.8	295.0	226.9	160.4	104.5	63.2	36.8	26.6
-52.5°	515.2	439.5	370.6	306.3	242.9	179.3	125.5	74.6	50.0	31.0	23.6
-55°	425.2	364.8	306.3	248.3	189.9	138.1	89.5	59.6	36.5	27.5	20.7
-57.5°	347.7	295.0	242.9	189.9	142.3	97.9	65.3	44.1	30.2	23.8	18.9
-60°	273.1	226.9	179.3	138.1	97.9	67.3	47.9	31.9	26.1	20.5	17.0
-62.5°	200.5	160.4	125.5	89.5	65.3	47.9	32.5	27.2	21.8	18.2	15.0
-65°	135.3	104.5	74.6	59.6	44.1	31.9	27.2	22.3	18.9	16.0	13.3
-67.5°	75.9	63.2	50.0	36.5	30.2	26.1	21.8	18.9	16.3	13.7	12.1
-70°	48.1	36.8	31.0	27.5	23.8	20.5	18.2	16.0	13.7	12.3	10.9
-72.5°	29.5	26.6	23.6	20.7	18.9	17.0	15.0	13.3	12.1	10.9	9.7
-75°	21.3	19.7	18.2	16.6	15.0	13.5	12.5	11.5	10.5	9.5	8.7
-77.5°	16.3	15.1	13.8	13.0	12.2	11.4	10.6	9.8	9.1	8.5	7.8
-80°	12.3	11.8	11.2	10.6	10.0	9.4	8.9	8.4	7.9	7.4	6.9
-82.5°	9.5	9.2	8.9	8.5	8.2	7.8	7.5	7.1	6.8	6.4	5.7
-85°	7.4	7.2	7.0	6.8	6.5	6.3	5.8	5.3	4.8	4.3	3.8
-87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
-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: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.4	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	7.2	6.5	5.4	4.1	2.7	1.4	0.0
75°	8.0	7.2	6.4	4.9	3.3	1.6	0.0
72.5°	8.7	7.8	6.9	5.7	3.8	1.9	0.0
70°	9.5	8.5	7.4	6.4	4.3	2.2	0.0
67.5°	10.5	9.1	7.9	6.8	4.8	2.4	0.0
65°	11.5	9.8	8.4	7.1	5.3	2.7	0.0
62.5°	12.5	10.6	8.9	7.5	5.8	2.9	0.0
60°	13.5	11.4	9.4	7.8	6.3	3.1	0.0
57.5°	15.0	12.2	10.0	8.2	6.5	3.4	0.0
55°	16.6	13.0	10.6	8.5	6.8	3.6	0.0
52.5°	18.2	13.8	11.2	8.9	7.0	3.8	0.0
50°	19.7	15.1	11.8	9.2	7.2	4.0	0.0
47.5°	21.3	16.3	12.3	9.5	7.4	4.3	0.0
45°	23.6	17.4	12.8	9.9	7.6	4.5	0.0
42.5°	25.9	18.5	13.4	10.3	7.8	4.6	0.0
40°	28.1	19.6	14.0	10.6	7.9	4.8	0.0
37.5°	30.1	20.6	14.8	11.0	8.1	5.0	0.0
35°	32.1	22.0	15.6	11.3	8.3	5.2	0.0
32.5°	35.3	23.5	16.3	11.6	8.4	5.3	0.0
30°	41.1	24.9	17.0	11.9	8.6	5.5	0.0
27.5°	46.6	26.2	17.6	12.2	8.7	5.6	0.0
25°	51.7	27.5	18.1	12.4	8.8	5.7	0.0
22.5°	56.2	28.6	18.7	12.6	8.9	5.8	0.0
20°	60.4	29.6	19.1	12.8	9.0	5.9	0.0
17.5°	64.1	30.5	19.5	13.0	9.1	6.0	0.0
15°	67.3	31.2	19.9	13.2	9.2	6.1	0.0
12.5°	70.0	31.9	20.2	13.3	9.3	6.2	0.0
10°	72.2	32.4	20.5	13.4	9.3	6.2	0.0
7.5°	74.0	32.9	20.6	13.5	9.3	6.2	0.0
5°	75.2	33.2	20.8	13.6	9.4	6.3	0.0
2.5°	75.9	33.3	20.9	13.6	9.4	6.3	0.0
0°	76.2	33.4	20.9	13.6	9.4	6.3	0.0
-2.5°	75.9	33.3	20.9	13.6	9.4	6.3	0.0
-5°	75.2	33.2	20.8	13.6	9.4	6.3	0.0
-7.5°	74.0	32.9	20.6	13.5	9.3	6.2	0.0
-10°	72.2	32.4	20.5	13.4	9.3	6.2	0.0
-12.5°	70.0	31.9	20.2	13.3	9.3	6.2	0.0
-15°	67.3	31.2	19.9	13.2	9.2	6.1	0.0
-17.5°	64.1	30.5	19.5	13.0	9.1	6.0	0.0
-20°	60.4	29.6	19.1	12.8	9.0	5.9	0.0



REPORT NUMBER: P1305366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.2	28.6	18.7	12.6	8.9	5.8	0.0
-25°	51.7	27.5	18.1	12.4	8.8	5.7	0.0
-27.5°	46.6	26.2	17.6	12.2	8.7	5.6	0.0
-30°	41.1	24.9	17.0	11.9	8.6	5.5	0.0
-32.5°	35.3	23.5	16.3	11.6	8.4	5.3	0.0
-35°	32.1	22.0	15.6	11.3	8.3	5.2	0.0
-37.5°	30.1	20.6	14.8	11.0	8.1	5.0	0.0
-40°	28.1	19.6	14.0	10.6	7.9	4.8	0.0
-42.5°	25.9	18.5	13.4	10.3	7.8	4.6	0.0
-45°	23.6	17.4	12.8	9.9	7.6	4.5	0.0
-47.5°	21.3	16.3	12.3	9.5	7.4	4.3	0.0
-50°	19.7	15.1	11.8	9.2	7.2	4.0	0.0
-52.5°	18.2	13.8	11.2	8.9	7.0	3.8	0.0
-55°	16.6	13.0	10.6	8.5	6.8	3.6	0.0
-57.5°	15.0	12.2	10.0	8.2	6.5	3.4	0.0
-60°	13.5	11.4	9.4	7.8	6.3	3.1	0.0
-62.5°	12.5	10.6	8.9	7.5	5.8	2.9	0.0
-65°	11.5	9.8	8.4	7.1	5.3	2.7	0.0
-67.5°	10.5	9.1	7.9	6.8	4.8	2.4	0.0
-70°	9.5	8.5	7.4	6.4	4.3	2.2	0.0
-72.5°	8.7	7.8	6.9	5.7	3.8	1.9	0.0
-75°	8.0	7.2	6.4	4.9	3.3	1.6	0.0
-77.5°	7.2	6.5	5.4	4.1	2.7	1.4	0.0
-80°	6.4	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	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)