

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: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-1S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

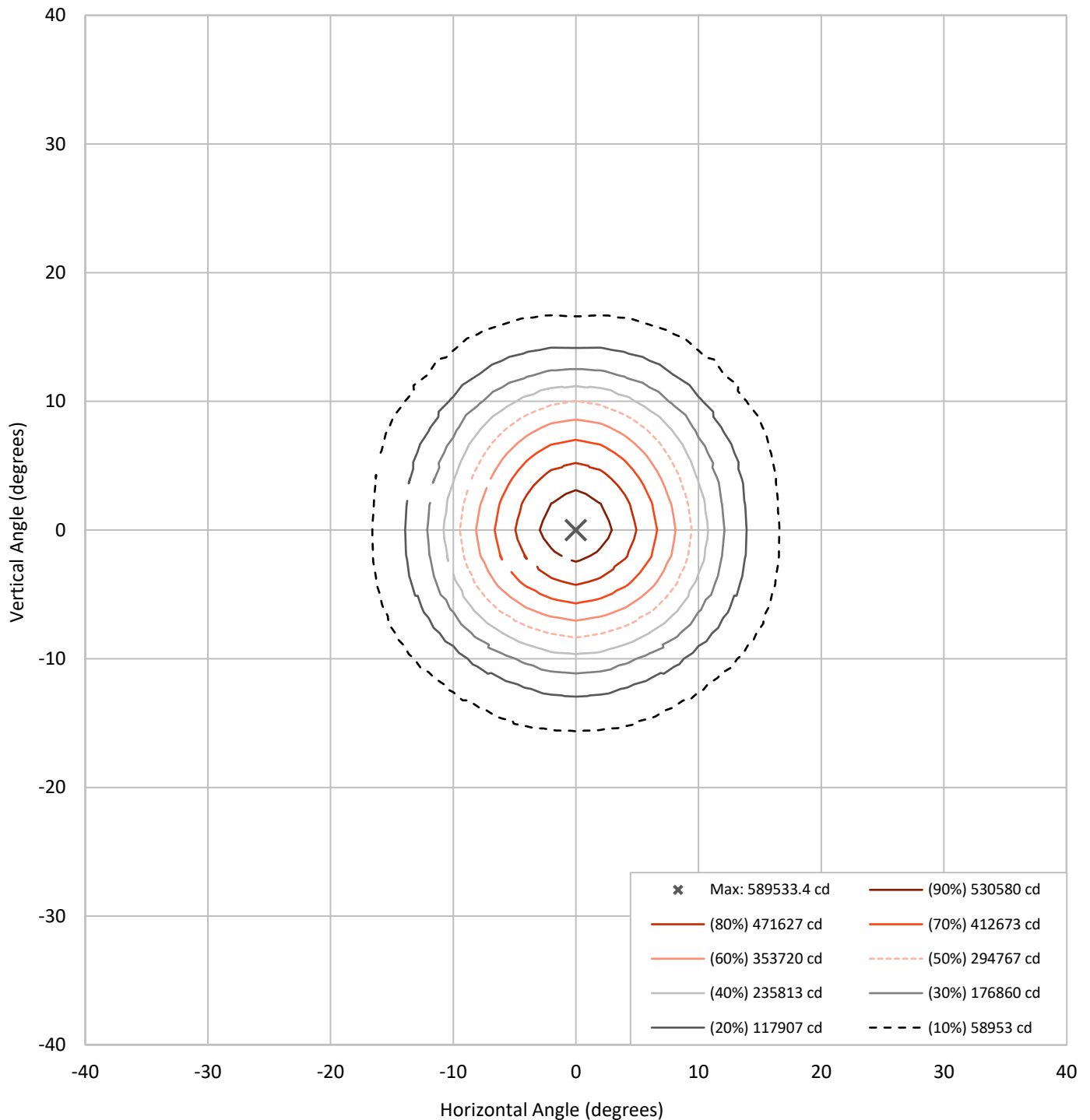
Test Method: LM-79-08  
Report Number: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-50-80-1S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	71010.2 lumens	Max Intensity:	589533.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	33131.3 lumens	Field Lumens:	60175.5 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	718		
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: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

### Iso-Candela Plot





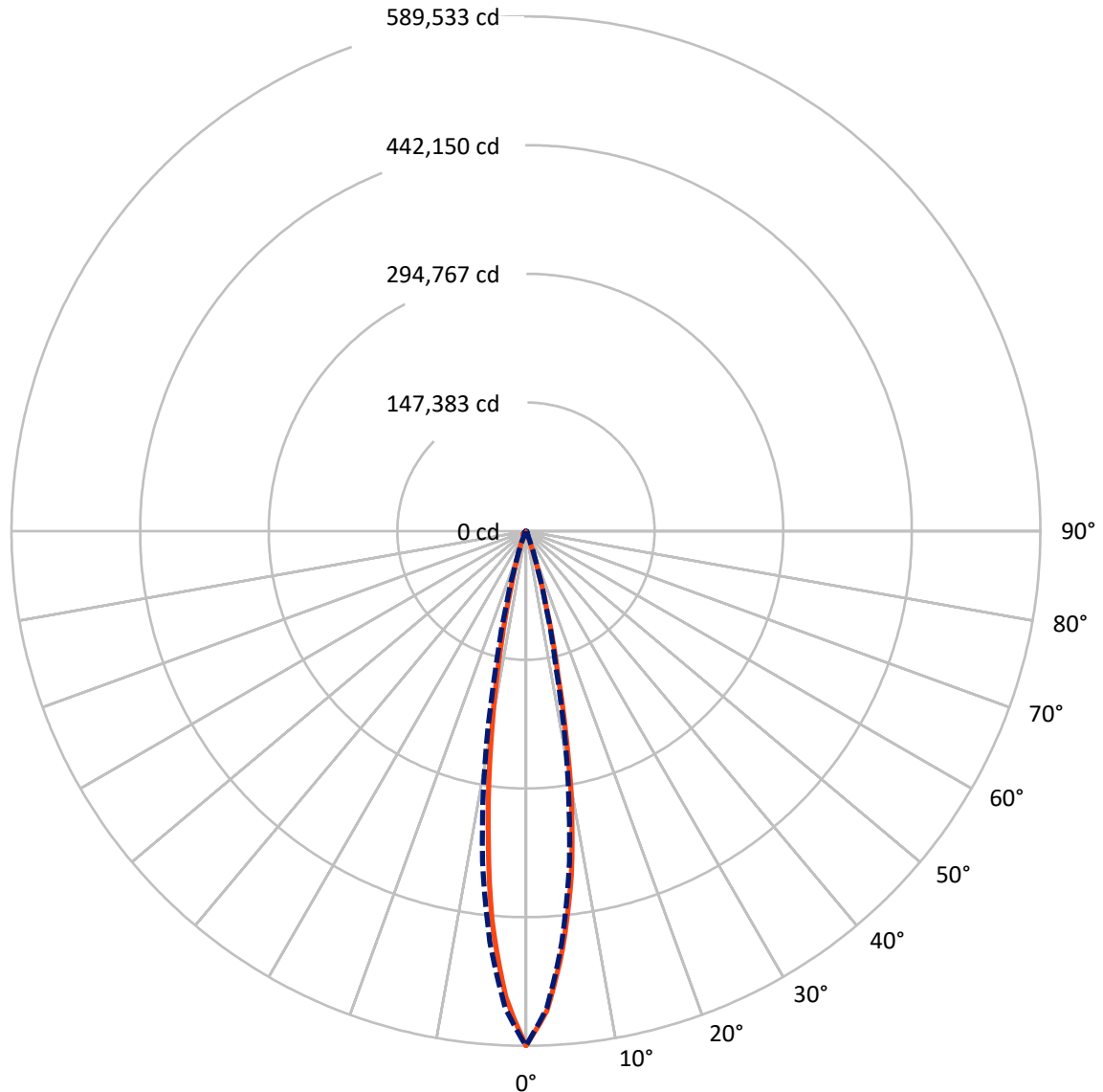
REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

### Lumen Table

90	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1									
80	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1									
70	0.1	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.1		
60		0.1	0.3	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1			
50	0.2	0.2	0.4	0.4	0.5	0.8	1.2	0.9	0.9	1.2	0.8	0.5	0.4	0.4	0.2	0.2		
40		0.3	0.8	2.0	3.9	5.7	8.0	9.9	9.9	8.0	5.7	3.9	2.0	0.8	0.3			
30	0.2	0.5	3.9	12.3	29.0	39.4	63.0	112.5	112.5	63.0	39.4	29.0	12.3	3.9	0.5	0.2		
20		1.2	8.2	35.4	71.3	94.5	690.7	2783.2	2783.2	690.7	94.5	71.3	35.4	8.2	1.2			
10	0.3	1.9	10.6	47.8	79.4	173.5	2587.4	11174.1	11174.1	2587.4	173.5	79.4	47.8	10.6	1.9	0.3		
0		2.4	11.2	46.9	79.3	168.5	2475.3	10351.3	10351.3	2475.3	168.5	79.3	46.9	11.2	2.4			
-10	0.5	2.8	10.8	37.6	73.1	92.2	551.3	2066.7	2066.7	551.3	92.2	73.1	37.6	10.8	2.8	0.5		
-20		2.9	10.5	26.1	72.3	90.7	102.7	177.4	177.4	102.7	90.7	72.3	26.1	10.5	2.9			
-30	0.5	2.5	9.5	18.4	51.4	106.5	124.6	128.4	128.4	124.6	106.5	51.4	18.4	9.5	2.5	0.5		
-40		1.8	7.2	16.2	27.2	48.9	88.8	120.5	120.5	88.8	48.9	27.2	16.2	7.2	1.8			
-50	0.3	0.9	4.2	10.9	20.8	30.2	38.1	42.9	42.9	38.1	30.2	20.8	10.9	4.2	0.9	0.3		
-60		0.4	1.4	4.3	8.9	14.6	20.2	23.6	23.6	20.2	14.6	8.9	4.3	1.4	0.4			
-70	0.2	0.9	4.2	10.9	20.8	30.2	38.1	42.9	42.9	38.1	30.2	20.8	10.9	4.2	0.9	0.2		
-80		0.4	1.4	4.3	8.9	14.6	20.2	23.6	23.6	20.2	14.6	8.9	4.3	1.4	0.4			
-90	0.2	1.2	3.2	7.4	10.0	7.4	3.2	1.2	0.2									

REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

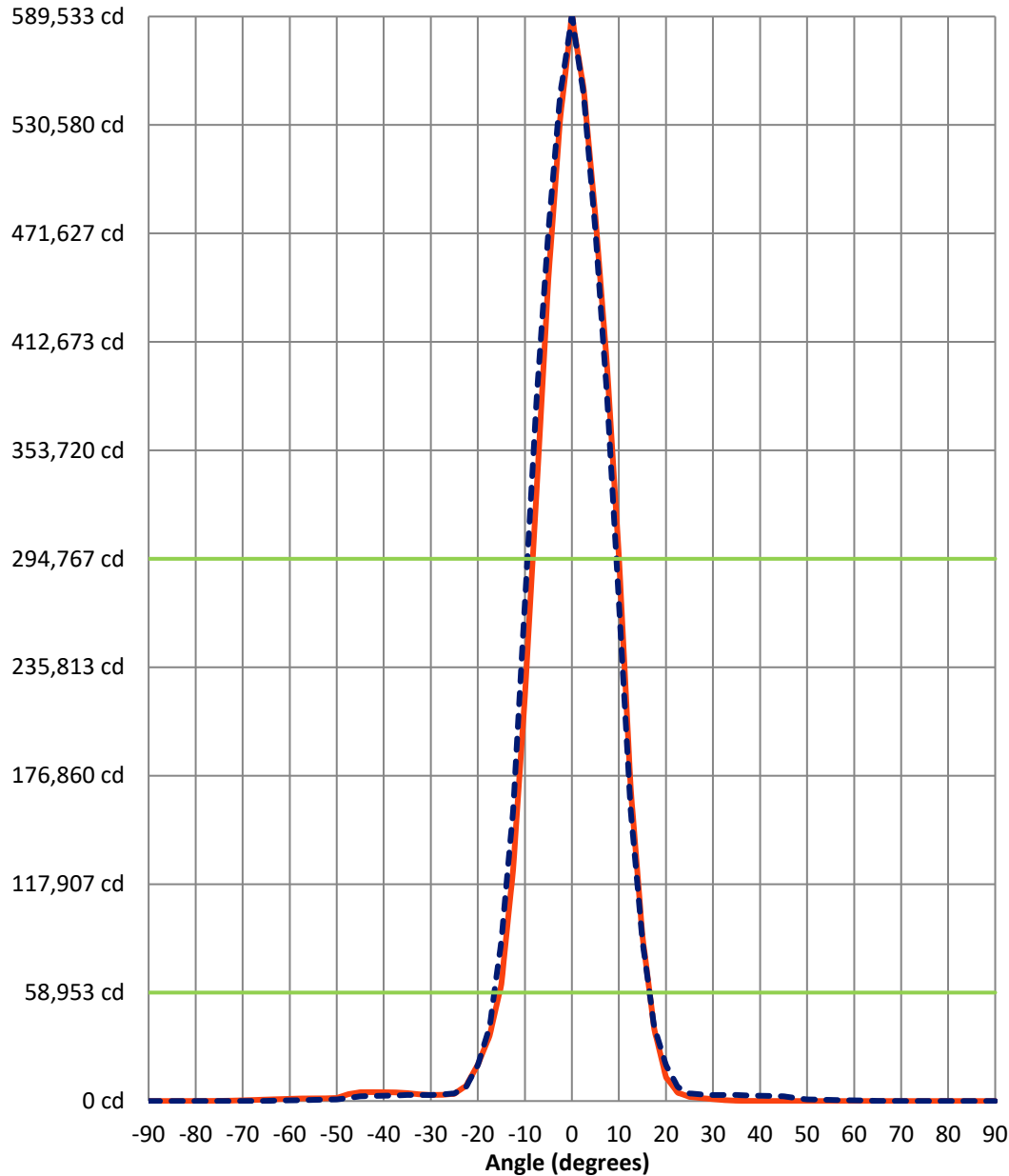
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.9°  
 V Angle: 18.3°  
 Lumens: 33131.3  
 Efficiency: 46.7%

**Field:**  
 H Angle: 33°  
 V Angle: 31.9°  
 Lumens: 60175.5  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 10834.8  
 Efficiency: 15.3%

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



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.3	4.3	4.3	5.0	5.7	6.4	7.1	7.8	8.6	9.3	10.0
87.5°	4.3	4.3	4.3	4.0	3.7	3.4	3.2	3.1	3.1	2.9	2.8
85°	4.3	4.4	4.3	4.0	3.8	3.7	3.6	3.5	3.3	3.1	2.8
82.5°	4.3	4.4	4.3	4.1	3.9	3.9	4.0	3.8	3.6	3.4	3.2
80°	4.3	4.4	4.3	4.1	4.1	4.1	4.3	4.2	4.1	4.0	3.9
77.5°	4.3	4.5	4.3	4.2	4.2	4.4	4.7	4.7	4.6	4.6	4.4
75°	4.3	4.5	4.3	4.2	4.3	4.7	5.1	5.1	5.1	4.7	4.4
72.5°	4.3	4.5	4.3	4.3	4.6	5.0	5.4	5.5	5.1	4.8	4.4
70°	4.3	4.6	4.4	4.3	4.8	5.3	5.7	5.5	5.2	4.8	4.9
67.5°	4.3	4.6	4.4	4.5	5.0	5.6	5.7	5.5	5.2	5.4	5.5
65°	4.3	4.6	4.4	4.7	5.3	5.8	5.8	5.6	5.7	5.9	6.0
62.5°	4.3	4.7	4.4	4.8	5.5	5.9	5.9	5.9	6.2	6.4	6.2
60°	4.3	4.7	4.5	5.0	5.7	6.0	6.0	6.3	6.7	6.7	6.5
57.5°	4.3	4.7	4.6	5.2	5.8	6.1	6.3	6.7	7.1	7.1	7.0
55°	4.3	4.8	4.8	5.3	6.0	6.3	6.6	7.1	7.5	7.6	7.7
52.5°	4.3	4.8	4.9	5.5	6.1	6.4	7.0	7.6	7.9	8.2	8.4
50°	4.3	4.9	5.0	5.6	6.3	6.7	7.3	8.0	8.5	8.8	9.7
47.5°	4.3	4.9	5.2	5.7	6.4	7.0	7.7	8.5	9.0	9.4	11.0
45°	4.3	4.9	5.3	5.9	6.6	7.3	8.1	9.0	9.6	10.5	12.2
42.5°	4.3	5.0	5.4	6.0	6.8	7.5	8.6	9.5	10.1	11.4	14.4
40°	4.3	5.0	5.5	6.2	7.0	7.8	9.1	10.0	10.7	12.3	16.6
37.5°	4.3	5.1	5.7	6.3	7.2	8.1	9.6	10.5	11.6	13.7	18.7
35°	4.3	5.1	5.8	6.5	7.4	8.4	10.1	10.9	12.6	15.7	20.4
32.5°	4.3	5.2	5.9	6.7	7.6	8.8	10.5	11.3	13.5	17.6	22.1
30°	4.3	5.2	6.0	6.9	7.7	9.2	10.9	11.8	14.4	19.5	24.2
27.5°	4.3	5.3	6.1	7.0	8.0	9.6	11.2	12.6	15.6	21.2	26.5
25°	4.3	5.3	6.2	7.2	8.2	9.9	11.6	13.3	17.1	23.1	29.2
22.5°	4.3	5.3	6.3	7.4	8.4	10.3	11.9	14.1	18.5	25.1	33.3
20°	4.3	5.4	6.5	7.5	8.6	10.6	12.2	14.8	19.7	27.3	37.7
17.5°	4.3	5.4	6.5	7.7	8.8	10.8	12.5	15.5	20.9	29.5	42.3
15°	4.3	5.5	6.6	7.8	9.0	11.0	12.7	16.1	22.0	31.7	47.2
12.5°	4.3	5.5	6.7	7.9	9.2	11.1	13.0	16.7	23.0	34.0	52.1
10°	4.3	5.6	6.8	8.1	9.4	11.2	13.3	17.2	24.0	36.1	57.0
7.5°	4.3	5.6	6.9	8.2	9.6	11.3	13.5	17.6	24.9	38.0	61.7
5°	4.3	5.6	7.0	8.3	9.7	11.4	13.8	17.9	25.7	39.8	66.2
2.5°	4.3	5.7	7.0	8.4	9.9	11.4	14.0	18.2	26.4	41.4	70.3
0°	4.3	5.7	7.1	8.5	10.0	11.4	14.2	18.5	27.0	42.7	73.9
-2.5°	4.3	5.7	7.2	8.6	10.2	12.0	15.5	22.0	34.7	56.3	95.1
-5°	4.3	5.8	7.2	8.7	10.5	12.6	16.8	25.4	42.0	69.4	115.2
-7.5°	4.3	5.8	7.3	8.8	10.7	13.2	18.0	28.6	48.8	81.6	133.9
-10°	4.3	5.8	7.3	8.8	10.9	13.7	19.1	31.4	55.0	92.5	150.6
-12.5°	4.3	5.8	7.3	8.9	11.0	14.2	20.0	33.8	60.2	102.2	164.7
-15°	4.3	5.8	7.4	8.9	11.2	14.6	20.8	35.7	65.2	110.8	176.2
-17.5°	4.3	5.8	7.4	9.0	11.3	14.9	21.5	37.9	70.1	117.9	185.1
-20°	4.3	5.8	7.4	9.0	11.3	15.1	22.2	40.1	73.7	123.2	191.2



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.3	5.8	7.4	9.0	11.4	15.3	23.0	41.3	75.9	126.6	194.3
-25°	4.3	5.8	7.4	9.0	11.4	15.4	23.3	41.6	76.6	128.0	194.1
-27.5°	4.3	5.8	7.4	9.0	11.4	15.5	23.3	40.8	75.7	127.9	195.1
-30°	4.3	5.8	7.4	9.0	11.3	15.5	22.8	38.9	74.4	126.7	193.5
-32.5°	4.3	5.8	7.4	9.0	11.3	15.4	21.8	37.8	72.1	123.2	189.1
-35°	4.3	5.8	7.4	9.0	11.3	15.2	21.3	36.7	68.3	117.4	181.9
-37.5°	4.3	5.7	7.4	8.9	11.2	14.9	21.0	34.8	62.8	109.2	170.3
-40°	4.3	5.7	7.3	8.9	11.0	14.8	20.5	32.2	55.5	100.8	156.8
-42.5°	4.3	5.7	7.3	8.9	10.9	14.5	19.9	28.8	50.2	89.8	140.8
-45°	4.3	5.6	7.3	8.8	10.9	14.2	19.1	26.1	45.4	77.0	123.0
-47.5°	4.3	5.6	7.2	8.8	10.8	13.9	18.2	25.0	39.7	62.9	106.7
-50°	4.3	5.5	7.2	8.7	10.7	13.4	17.6	23.8	32.9	54.9	88.6
-52.5°	4.3	5.5	7.1	8.6	10.6	12.9	16.9	22.3	29.4	46.1	69.8
-55°	4.3	5.4	7.1	8.5	10.4	12.6	16.2	20.7	27.4	36.5	58.6
-57.5°	4.3	5.4	7.0	8.4	10.3	12.4	15.3	19.6	25.2	32.2	46.4
-60°	4.3	5.3	6.9	8.2	10.1	12.1	14.5	18.5	23.1	29.4	36.5
-62.5°	4.3	5.2	6.7	8.1	9.8	11.8	14.0	17.2	21.7	26.5	33.0
-65°	4.3	5.2	6.6	7.9	9.4	11.5	13.6	16.2	20.2	24.5	29.3
-67.5°	4.3	5.1	6.4	7.7	9.1	11.0	13.1	15.5	18.7	22.8	26.9
-70°	4.3	5.0	6.2	7.4	8.7	10.4	12.5	14.8	17.7	21.0	24.9
-72.5°	4.3	4.9	5.9	7.2	8.3	9.8	11.6	14.0	16.6	19.6	22.9
-75°	4.3	4.8	5.7	6.9	7.8	9.1	10.7	13.0	15.4	18.0	20.9
-77.5°	4.3	4.8	5.5	6.6	7.5	8.4	9.6	11.8	14.1	16.4	18.8
-80°	4.3	4.7	5.3	6.2	7.1	7.9	8.6	10.6	12.7	14.9	16.9
-82.5°	4.3	4.6	5.0	5.9	6.8	7.5	8.2	9.6	11.4	13.3	15.2
-85°	4.3	4.5	4.8	5.6	6.4	7.1	7.8	9.1	10.4	11.9	13.5
-87.5°	4.3	4.4	4.5	5.3	6.1	6.8	7.5	8.5	9.5	10.6	11.8
-90°	4.3	4.3	4.3	3.9	3.6	3.2	2.8	2.8	2.8	2.8	2.8



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.0	10.0	10.0	10.0	10.4	10.7	11.1	11.4	11.8	12.1	12.5
87.5°	2.6	2.5	2.3	2.2	2.0	1.9	1.6	1.4	1.4	1.4	1.4
85°	2.8	2.8	2.8	2.8	2.5	2.3	2.1	2.0	1.9	1.8	1.6
82.5°	3.2	3.2	3.0	2.8	2.7	2.8	2.8	2.8	2.6	2.3	2.2
80°	3.8	3.6	3.4	3.3	3.3	3.3	3.1	2.9	2.8	2.9	3.1
77.5°	4.1	4.0	4.0	4.1	4.0	3.8	3.6	3.6	3.8	4.0	4.2
75°	4.2	4.3	4.4	4.4	4.2	4.2	4.3	4.6	4.8	4.8	4.7
72.5°	4.5	4.7	4.7	4.5	4.6	4.9	5.3	5.6	6.2	7.1	7.8
70°	5.1	5.2	5.1	5.1	5.4	6.0	7.2	8.8	10.4	12.2	14.8
67.5°	5.6	5.4	5.5	5.9	6.8	8.2	10.0	15.7	22.3	25.1	25.9
65°	5.7	5.7	6.2	7.2	8.4	12.9	19.2	26.9	34.2	35.0	33.8
62.5°	5.8	6.3	7.2	9.2	13.5	19.5	26.3	33.7	41.9	42.3	37.0
60°	6.4	7.0	9.2	13.2	18.2	23.6	31.0	37.0	43.8	47.0	35.9
57.5°	7.1	8.4	11.9	16.7	21.7	25.8	29.8	35.9	39.5	40.2	29.6
55°	8.2	10.1	14.7	20.2	23.8	22.9	26.1	29.6	31.0	28.8	20.6
52.5°	9.9	12.2	17.9	22.6	23.4	21.5	21.5	23.1	21.5	18.4	16.1
50°	11.5	15.7	21.0	24.0	23.3	20.5	17.3	17.0	16.3	15.3	13.8
47.5°	14.1	19.1	23.5	25.4	22.4	19.5	15.7	15.2	15.1	14.6	13.3
45°	16.9	21.7	26.3	24.6	21.9	19.0	17.4	15.6	15.6	15.8	16.7
42.5°	19.6	23.9	26.2	24.0	22.1	21.3	21.0	18.7	18.6	22.5	23.8
40°	21.4	25.7	26.2	25.8	23.8	25.8	26.4	26.6	27.8	31.9	33.9
37.5°	22.9	26.4	28.0	30.7	28.8	31.9	33.4	48.9	50.9	42.9	59.0
35°	24.1	27.7	34.9	42.6	45.0	40.0	60.4	81.7	89.1	84.3	102.4
32.5°	25.5	29.6	44.1	62.6	79.5	75.2	95.0	131.9	155.5	167.5	182.0
30°	28.0	38.2	58.5	88.0	131.7	157.9	159.4	198.6	242.0	319.0	388.5
27.5°	32.4	49.5	83.0	136.4	203.7	258.4	268.7	293.9	393.2	538.9	722.3
25°	37.5	77.0	111.0	202.1	301.3	362.9	380.8	423.8	596.0	930.2	1111.3
22.5°	51.4	113.5	158.6	278.6	410.7	463.9	501.3	657.7	968.6	1410.2	1546.2
20°	77.7	155.9	217.6	344.4	521.2	563.7	619.9	955.3	1453.7	1821.5	2006.3
17.5°	108.8	198.7	276.7	409.3	564.9	643.5	762.4	1296.1	1954.8	2218.9	2411.3
15°	143.5	241.5	327.9	466.5	603.6	696.5	985.8	1692.3	2378.7	2597.2	2785.5
12.5°	180.7	283.9	372.0	516.1	641.7	745.9	1189.2	1970.8	2582.5	2891.6	3134.1
10°	218.9	325.6	409.8	558.7	678.8	791.2	1379.6	2209.5	2685.5	2941.4	3209.0
7.5°	242.7	352.1	438.7	594.4	714.1	832.5	1552.1	2408.2	2756.4	2957.0	3155.3
5°	260.5	361.3	446.1	610.5	740.6	862.9	1682.0	2566.2	2801.5	2945.1	3061.5
2.5°	274.0	367.5	451.1	619.2	760.4	878.2	1694.3	2591.0	2787.7	2922.6	3002.9
0°	283.0	371.1	453.6	622.8	776.4	888.7	1669.3	2577.9	2757.1	2896.4	2990.3
-2.5°	293.0	381.9	474.0	633.8	777.8	889.1	1645.5	2552.4	2787.5	2974.6	3130.4
-5°	299.0	390.6	491.4	640.6	775.2	885.5	1591.9	2486.9	2783.7	2980.8	3171.8
-7.5°	301.8	397.3	505.0	642.5	764.1	868.5	1500.9	2330.6	2666.6	2850.9	3087.4
-10°	302.8	405.9	511.3	632.4	742.5	842.0	1379.7	2150.1	2545.6	2714.2	2962.8
-12.5°	305.6	416.1	515.3	622.5	720.5	812.5	1231.5	1952.2	2423.7	2572.1	2825.2
-15°	305.7	424.3	518.2	613.9	699.2	780.6	1057.4	1743.0	2357.1	2598.1	2806.1
-17.5°	303.1	430.5	520.4	607.8	679.6	746.4	865.0	1556.3	2315.1	2654.2	2859.4
-20°	298.3	434.9	522.2	605.4	663.2	730.5	824.7	1348.1	2101.5	2679.6	2930.2



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	291.3	437.4	523.9	603.5	668.5	732.2	811.5	1112.1	1804.8	2676.5	2932.3
-25°	288.0	425.1	523.6	603.2	676.4	735.5	795.9	887.6	1485.9	2295.6	2854.6
-27.5°	286.7	411.0	514.6	597.2	683.7	740.7	793.0	867.4	1180.8	1839.5	2695.4
-30°	281.1	387.8	501.6	585.4	676.5	746.7	798.1	845.3	931.7	1446.5	2158.9
-32.5°	268.2	363.6	476.8	568.0	659.2	752.4	800.0	840.7	904.3	1056.6	1635.3
-35°	253.1	344.3	447.5	545.8	635.0	733.1	797.0	839.6	881.5	955.2	1217.5
-37.5°	239.4	322.1	417.6	516.8	606.3	698.3	790.2	835.3	877.4	930.1	1029.9
-40°	223.1	297.1	389.3	483.6	573.1	661.8	750.8	829.0	871.4	939.8	1005.7
-42.5°	204.3	276.1	358.9	449.5	535.2	622.2	709.3	793.1	880.9	949.6	1015.5
-45°	183.7	252.3	326.7	409.1	493.3	578.1	662.7	749.9	855.7	960.4	1026.4
-47.5°	160.1	225.5	296.2	364.4	445.5	528.6	611.6	702.9	807.8	917.1	1035.0
-50°	135.3	195.7	260.3	322.9	391.8	472.7	554.2	646.0	744.7	850.6	961.6
-52.5°	112.6	162.7	221.0	281.4	341.6	409.0	490.6	577.8	670.2	769.7	866.7
-55°	87.9	132.2	178.4	235.3	294.2	351.5	417.9	499.6	584.7	674.8	762.4
-57.5°	69.3	100.6	139.6	184.8	240.2	298.0	355.2	417.0	492.4	571.9	644.9
-60°	54.1	74.6	103.0	140.0	181.0	234.1	290.7	346.6	404.9	463.1	526.0
-62.5°	40.1	55.8	74.1	98.1	132.5	168.8	215.8	267.9	322.1	370.4	416.1
-65°	35.6	40.3	52.8	69.5	86.4	116.3	149.5	184.4	229.7	272.2	313.5
-67.5°	30.9	35.3	39.3	45.6	60.5	75.4	90.1	119.0	149.3	176.5	205.4
-70°	28.0	30.5	34.0	37.6	41.0	47.3	60.2	72.9	85.0	99.8	122.6
-72.5°	25.4	27.3	29.6	32.1	35.1	38.0	41.0	44.1	51.7	61.7	70.7
-75°	22.7	24.1	25.7	27.6	29.7	31.8	33.9	36.4	39.0	41.9	44.8
-77.5°	20.2	21.3	22.3	23.4	24.7	26.5	28.2	29.9	31.6	33.2	34.7
-80°	17.8	18.5	19.3	20.1	21.1	22.1	23.1	24.3	25.5	26.7	28.0
-82.5°	15.8	16.3	16.8	17.3	17.7	18.2	18.7	19.3	20.0	20.8	21.6
-85°	13.9	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.2	16.5	16.7
-87.5°	11.9	12.1	12.3	12.4	12.7	12.9	13.2	13.4	13.6	13.7	13.8
-90°	2.5	2.1	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.8	13.2	13.5	13.9	14.2	14.6	14.9	15.3	15.6	15.6	15.6
87.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.0	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	2.1	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	3.2	3.1	2.8	2.6	2.3	2.2	2.0	1.7	1.4	1.4	1.4
77.5°	4.3	4.0	3.6	3.3	2.9	2.7	2.6	2.6	2.6	2.6	2.7
75°	4.4	4.3	4.5	4.5	4.2	4.1	3.8	3.4	2.9	2.8	2.8
72.5°	8.5	8.8	8.7	8.4	7.7	7.2	6.9	6.6	6.2	6.1	6.1
70°	16.1	16.3	15.6	14.2	12.1	10.6	10.0	9.3	8.5	8.4	8.8
67.5°	24.6	22.5	20.5	18.2	15.2	13.2	12.5	11.8	11.0	10.6	10.6
65°	30.3	23.8	20.3	18.0	16.5	14.9	13.3	11.7	10.2	9.2	8.9
62.5°	29.9	20.9	16.9	15.0	13.6	12.5	10.9	9.5	8.3	7.5	7.4
60°	26.0	17.4	13.0	11.7	10.7	10.0	9.1	8.3	7.6	7.1	7.1
57.5°	20.4	13.6	10.0	9.8	9.4	8.8	8.3	7.9	7.5	7.1	7.4
55°	14.8	11.9	10.1	9.9	9.5	9.0	8.4	8.3	8.2	8.0	8.6
52.5°	12.8	11.7	11.2	10.9	10.3	10.0	9.9	9.9	10.0	10.2	10.5
50°	12.6	12.2	11.8	11.3	11.2	11.3	11.3	11.7	12.1	12.3	12.3
47.5°	13.1	12.9	13.4	12.6	12.9	13.8	14.0	14.3	15.4	15.6	15.6
45°	15.5	17.5	18.1	18.0	17.5	22.8	23.9	21.9	30.1	28.9	22.5
42.5°	23.9	26.4	28.1	33.1	40.7	45.7	59.0	81.0	72.5	54.6	35.2
40°	40.9	40.1	47.8	57.3	63.0	73.3	89.6	110.6	102.1	86.7	92.6
37.5°	72.0	72.9	75.4	87.9	92.4	81.0	104.9	103.1	87.4	111.9	114.8
35°	132.1	146.1	124.1	151.1	157.5	147.8	156.6	173.2	149.8	181.2	191.3
32.5°	237.7	261.9	262.9	269.2	291.6	313.2	319.3	364.2	378.7	416.5	457.2
30°	379.7	424.4	462.5	472.7	502.7	556.0	600.0	686.5	779.1	848.7	940.1
27.5°	684.4	643.9	728.6	831.8	798.9	876.5	1035.3	1160.1	1344.6	1477.5	1549.2
25°	1106.9	1041.1	1195.5	1352.9	1353.2	1366.4	1596.1	1796.3	1947.3	2067.2	2172.4
22.5°	1605.6	1687.6	1826.1	2008.8	1913.5	2000.4	2228.5	2391.0	2602.6	2810.0	3431.2
20°	2164.5	2330.4	2444.3	2417.1	2412.9	2560.5	2761.1	3075.0	3714.9	5970.9	8125.2
17.5°	2656.9	2858.5	2848.5	2733.7	2788.1	3035.9	3400.0	4618.6	7851.5	15178.5	22035.5
15°	3038.8	3128.6	3069.4	3000.9	3122.5	3493.5	4404.1	8344.8	18155.3	29888.6	43281.2
12.5°	3293.9	3258.6	3103.5	3114.8	3403.7	3925.1	7020.1	16243.0	30428.6	47091.5	80762.9
10°	3392.5	3296.0	3160.2	3285.8	3680.0	4934.8	9442.0	22552.9	43999.7	78642.4	124027.0
7.5°	3325.3	3243.0	3204.8	3426.6	3951.3	6535.4	14677.3	31899.2	63069.7	107743.9	171611.6
5°	3281.9	3226.9	3235.2	3519.0	4122.8	7712.4	18377.2	37779.0	78231.9	135886.8	217140.3
2.5°	3279.4	3246.6	3261.1	3583.2	4219.5	8314.9	20461.5	38758.1	83558.0	151194.8	254393.5
0°	3314.5	3293.2	3280.4	3596.0	4173.3	7725.3	19631.0	40331.2	87211.8	158101.4	270577.8
-2.5°	3478.3	3303.7	3296.3	3595.3	4224.4	8163.8	20117.2	39788.0	85893.0	151718.2	253216.2
-5°	3439.1	3241.6	3210.1	3461.2	4048.4	7351.5	17611.9	36745.3	75448.1	129006.7	208709.6
-7.5°	3283.7	3151.8	3095.7	3295.5	3806.2	6170.4	13658.2	29010.8	56813.8	97240.5	150397.1
-10°	3157.3	3070.3	2987.5	3125.8	3513.9	4715.5	8706.9	19462.5	38645.2	66125.5	96567.4
-12.5°	3090.9	3049.7	2900.5	2939.1	3210.3	3743.3	6092.4	13155.3	24201.7	35907.0	58656.5
-15°	3043.9	3012.6	2872.9	2863.7	3015.1	3330.2	4013.5	6823.7	13533.8	21960.5	30990.6
-17.5°	3001.3	2989.9	2915.9	2835.5	2854.4	3037.0	3413.3	4411.2	6921.2	12277.5	18114.2
-20°	3021.8	3028.4	2971.9	2888.0	2858.0	2881.6	3077.1	3421.0	4056.7	6222.2	8866.4



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3015.3	3034.6	3019.5	3025.5	2989.5	2934.5	2895.8	3045.9	3286.5	3671.5	4649.6
-25°	3014.7	3041.3	3154.1	3298.8	3283.8	3152.6	3015.2	2896.2	3033.9	3200.3	3443.0
-27.5°	2970.1	3142.7	3423.8	3637.0	3698.2	3554.4	3362.2	3162.3	3140.4	3135.2	3228.5
-30°	2955.4	3326.3	3657.9	3961.8	4004.6	3932.2	3843.2	3700.7	3547.8	3463.2	3418.1
-32.5°	2509.4	3407.3	3812.8	4086.1	4153.9	4150.7	4170.7	4103.1	4055.3	4000.6	3923.4
-35°	1905.2	2847.4	3840.2	3966.2	4076.4	4174.6	4306.0	4339.6	4366.0	4396.3	4423.3
-37.5°	1330.4	2064.9	2889.8	3609.4	3838.1	4008.9	4241.7	4412.5	4554.5	4625.0	4709.6
-40°	1102.1	1305.1	1944.2	2552.4	3151.8	3704.5	3955.2	4246.1	4518.3	4669.5	4807.8
-42.5°	1079.5	1151.7	1228.5	1652.8	2160.0	2681.7	3194.2	3658.9	4154.0	4484.1	4727.0
-45°	1086.8	1123.3	1168.1	1242.6	1322.1	1720.2	2149.6	2588.1	3129.1	3657.7	4119.1
-47.5°	1085.8	1119.1	1154.6	1190.7	1238.1	1312.4	1388.6	1512.7	1896.4	2302.0	2694.6
-50°	1048.2	1115.9	1149.0	1182.7	1217.2	1253.9	1292.4	1346.9	1411.8	1472.6	1521.8
-52.5°	953.3	1033.0	1109.7	1173.9	1205.5	1237.8	1272.0	1317.4	1360.0	1399.9	1420.7
-55°	845.9	925.3	1003.0	1071.9	1137.1	1199.8	1258.0	1299.5	1342.0	1385.3	1403.0
-57.5°	722.5	802.7	879.7	944.1	1009.0	1074.0	1134.3	1192.1	1249.9	1304.6	1335.1
-60°	591.2	658.1	727.1	793.0	856.2	916.3	972.4	1027.2	1079.7	1125.6	1154.6
-62.5°	462.2	514.9	573.1	630.4	685.8	739.4	791.2	840.5	887.1	926.3	953.6
-65°	353.8	393.1	433.3	474.5	516.7	562.8	606.3	647.4	685.9	717.8	741.6
-67.5°	240.3	274.3	306.8	337.4	368.3	400.8	433.8	464.9	493.8	517.3	535.7
-70°	144.4	165.7	186.3	208.3	233.1	256.8	280.1	302.2	322.8	338.8	350.9
-72.5°	78.8	86.4	96.6	113.5	129.1	143.6	156.9	168.9	179.6	188.5	195.8
-75°	47.9	51.8	58.1	64.1	69.8	75.4	80.6	85.4	89.8	93.5	96.6
-77.5°	36.6	38.7	40.7	42.6	44.4	46.3	48.1	49.9	51.4	52.9	54.2
-80°	29.2	30.4	31.6	32.7	33.7	34.9	36.1	37.2	38.4	39.2	39.9
-82.5°	22.4	23.5	24.5	25.5	26.4	27.0	27.7	28.4	29.0	29.6	30.2
-85°	16.9	17.7	18.5	19.4	20.2	20.5	20.7	20.9	21.0	21.5	21.9
-87.5°	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.0	17.4	17.8
-90°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.3
87.5°	0.3	0.0	0.7	1.4	0.7	0.0	0.3	0.7	1.0	1.4	1.3
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
77.5°	2.7	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.6
75°	2.8	2.8	3.5	4.3	3.5	2.8	2.8	2.8	2.8	2.9	3.4
72.5°	5.9	5.7	5.7	5.7	5.7	5.7	5.9	6.1	6.1	6.2	6.6
70°	9.3	9.8	10.0	10.0	10.0	9.8	9.3	8.8	8.4	8.5	9.3
67.5°	10.4	10.1	8.7	7.1	8.7	10.1	10.4	10.6	10.6	11.0	11.8
65°	8.7	8.6	7.9	7.1	7.9	8.6	8.7	8.9	9.2	10.2	11.7
62.5°	7.2	7.2	7.1	7.1	7.1	7.2	7.2	7.4	7.5	8.3	9.5
60°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.6	8.3
57.5°	7.9	8.3	8.5	8.5	8.5	8.3	7.9	7.4	7.1	7.5	7.9
55°	9.2	9.7	10.0	10.0	10.0	9.7	9.2	8.6	8.0	8.2	8.3
52.5°	10.4	10.2	10.5	11.4	10.5	10.2	10.4	10.5	10.2	10.0	9.9
50°	12.4	12.6	12.8	12.8	12.8	12.6	12.4	12.3	12.3	12.1	11.7
47.5°	15.7	15.6	15.5	15.6	15.5	15.6	15.7	15.6	15.6	15.4	14.3
45°	23.3	23.7	24.4	25.6	24.4	23.7	23.3	22.5	28.9	30.1	21.9
42.5°	36.9	37.7	38.1	38.4	38.1	37.7	36.9	35.2	54.6	72.5	81.0
40°	87.8	69.8	52.2	52.6	52.2	69.8	87.8	92.6	86.7	102.1	110.6
37.5°	100.9	91.7	88.0	86.7	88.0	91.7	100.9	114.8	111.9	87.4	103.1
35°	191.0	194.4	190.0	192.0	190.0	194.4	191.0	191.3	181.2	149.8	173.2
32.5°	470.3	489.4	482.6	484.9	482.6	489.4	470.3	457.2	416.5	378.7	364.2
30°	976.9	1035.5	1048.9	1045.1	1048.9	1035.5	976.9	940.1	848.7	779.1	686.5
27.5°	1578.1	1624.6	1634.1	1625.2	1634.1	1624.6	1578.1	1549.2	1477.5	1344.6	1160.1
25°	2230.4	2274.7	2299.8	2287.9	2299.8	2274.7	2230.4	2172.4	2067.2	1947.3	1796.3
22.5°	4150.6	4352.2	4450.4	4584.3	4450.4	4352.2	4150.6	3431.2	2810.0	2602.6	2391.0
20°	12241.1	13632.5	13368.8	13081.6	13368.8	13632.5	12241.1	8125.2	5970.9	3714.9	3075.0
17.5°	30555.3	37397.1	40655.0	39328.8	40655.0	37397.1	30555.3	22035.5	15178.5	7851.5	4618.6
15°	62494.5	81610.6	92787.6	89803.9	92787.6	81610.6	62494.5	43281.2	29888.6	18155.3	8344.8
12.5°	113209.2	143590.5	166865.3	170197.0	166865.3	143590.5	113209.2	80762.9	47091.5	30428.6	16243.0
10°	178039.3	234181.0	280447.7	295553.7	280447.7	234181.0	178039.3	124027.0	78642.4	43999.7	22552.9
7.5°	255313.7	330258.9	383617.4	398448.6	383617.4	330258.9	255313.7	171611.6	107743.9	63069.7	31899.2
5°	317288.7	403540.8	462629.0	480778.2	462629.0	403540.8	317288.7	217140.3	135886.8	78231.9	37779.0
2.5°	363709.9	454180.2	520070.0	550177.0	520070.0	454180.2	363709.9	254393.5	151194.8	83558.0	38758.1
0°	381692.7	472861.0	546746.5	589533.4	546746.5	472861.0	381692.7	270577.8	158101.4	87211.8	40331.2
-2.5°	364101.4	448862.4	505759.2	533816.3	505759.2	448862.4	364101.4	253216.2	151718.2	85893.0	39788.0
-5°	303126.2	378128.4	427194.2	447002.0	427194.2	378128.4	303126.2	208709.6	129006.7	75448.1	36745.3
-7.5°	217197.3	278765.1	315338.1	332028.0	315338.1	278765.1	217197.3	150397.1	97240.5	56813.8	29010.8
-10°	141110.9	175189.5	212065.1	219957.6	212065.1	175189.5	141110.9	96567.4	66125.5	38645.2	19462.5
-12.5°	79498.4	101002.6	119329.8	125944.0	119329.8	101002.6	79498.4	58656.5	35907.0	24201.7	13155.3
-15°	43011.3	55263.4	61865.0	63488.5	61865.0	55263.4	43011.3	30990.6	21960.5	13533.8	6823.7
-17.5°	24694.2	30579.8	33947.6	35493.9	33947.6	30579.8	24694.2	18114.2	12277.5	6921.2	4411.2
-20°	13195.9	16516.9	18413.1	19808.7	18413.1	16516.9	13195.9	8866.4	6222.2	4056.7	3421.0



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6061.1	7084.6	7663.1	8316.8	7663.1	7084.6	6061.1	4649.6	3671.5	3286.5	3045.9
-25°	3653.8	3791.5	3874.5	3941.6	3874.5	3791.5	3653.8	3443.0	3200.3	3033.9	2896.2
-27.5°	3308.6	3353.7	3379.8	3406.9	3379.8	3353.7	3308.6	3228.5	3135.2	3140.4	3162.3
-30°	3379.2	3333.5	3317.6	3300.3	3317.6	3333.5	3379.2	3418.1	3463.2	3547.8	3700.7
-32.5°	3845.6	3756.7	3709.1	3664.3	3709.1	3756.7	3845.6	3923.4	4000.6	4055.3	4103.1
-35°	4412.9	4373.0	4351.9	4325.5	4351.9	4373.0	4412.9	4423.3	4396.3	4366.0	4339.6
-37.5°	4723.8	4716.9	4715.7	4702.3	4715.7	4716.9	4723.8	4709.6	4625.0	4554.5	4412.5
-40°	4823.9	4821.1	4814.2	4807.5	4814.2	4821.1	4823.9	4807.8	4669.5	4518.3	4246.1
-42.5°	4791.7	4834.6	4855.2	4855.8	4855.2	4834.6	4791.7	4727.0	4484.1	4154.0	3658.9
-45°	4413.1	4631.7	4759.0	4793.3	4759.0	4631.7	4413.1	4119.1	3657.7	3129.1	2588.1
-47.5°	3044.0	3352.5	3590.1	3739.6	3590.1	3352.5	3044.0	2694.6	2302.0	1896.4	1512.7
-50°	1564.8	1604.9	1645.4	1685.0	1645.4	1604.9	1564.8	1521.8	1472.6	1411.8	1346.9
-52.5°	1437.3	1454.0	1464.5	1470.3	1464.5	1454.0	1437.3	1420.7	1399.9	1360.0	1317.4
-55°	1419.1	1434.6	1442.3	1444.7	1442.3	1434.6	1419.1	1403.0	1385.3	1342.0	1299.5
-57.5°	1361.4	1383.1	1396.1	1402.0	1396.1	1383.1	1361.4	1335.1	1304.6	1249.9	1192.1
-60°	1178.8	1198.1	1211.1	1218.6	1211.1	1198.1	1178.8	1154.6	1125.6	1079.7	1027.2
-62.5°	976.2	994.1	1004.1	1008.1	1004.1	994.1	976.2	953.6	926.3	887.1	840.5
-65°	761.2	776.7	792.4	804.8	792.4	776.7	761.2	741.6	717.8	685.9	647.4
-67.5°	551.3	563.8	577.6	588.7	577.6	563.8	551.3	535.7	517.3	493.8	464.9
-70°	360.4	367.3	378.5	388.2	378.5	367.3	360.4	350.9	338.8	322.8	302.2
-72.5°	201.6	206.0	214.3	221.8	214.3	206.0	201.6	195.8	188.5	179.6	168.9
-75°	99.2	101.3	102.1	102.4	102.1	101.3	99.2	96.6	93.5	89.8	85.4
-77.5°	55.5	56.6	56.8	56.9	56.8	56.6	55.5	54.2	52.9	51.4	49.9
-80°	40.5	41.0	41.9	42.7	41.9	41.0	40.5	39.9	39.2	38.4	37.2
-82.5°	30.7	31.2	31.3	31.3	31.3	31.2	30.7	30.2	29.6	29.0	28.4
-85°	22.3	22.8	22.8	22.8	22.8	22.8	22.3	21.9	21.5	21.0	20.9
-87.5°	18.1	18.5	18.5	18.5	18.5	18.5	18.1	17.8	17.4	17.0	16.7
-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: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.9	14.6	14.2	13.9	13.5	13.2	12.8	12.5	12.1	11.8	11.4
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.8	1.9	2.0
82.5°	1.4	1.4	1.4	1.6	1.8	2.0	2.1	2.2	2.3	2.6	2.8
80°	2.0	2.2	2.3	2.6	2.8	3.1	3.2	3.1	2.9	2.8	2.9
77.5°	2.6	2.7	2.9	3.3	3.6	4.0	4.3	4.2	4.0	3.8	3.6
75°	3.8	4.1	4.2	4.5	4.5	4.3	4.4	4.7	4.8	4.8	4.6
72.5°	6.9	7.2	7.7	8.4	8.7	8.8	8.5	7.8	7.1	6.2	5.6
70°	10.0	10.6	12.1	14.2	15.6	16.3	16.1	14.8	12.2	10.4	8.8
67.5°	12.5	13.2	15.2	18.2	20.5	22.5	24.6	25.9	25.1	22.3	15.7
65°	13.3	14.9	16.5	18.0	20.3	23.8	30.3	33.8	35.0	34.2	26.9
62.5°	10.9	12.5	13.6	15.0	16.9	20.9	29.9	37.0	42.3	41.9	33.7
60°	9.1	10.0	10.7	11.7	13.0	17.4	26.0	35.9	47.0	43.8	37.0
57.5°	8.3	8.8	9.4	9.8	10.0	13.6	20.4	29.6	40.2	39.5	35.9
55°	8.4	9.0	9.5	9.9	10.1	11.9	14.8	20.6	28.8	31.0	29.6
52.5°	9.9	10.0	10.3	10.9	11.2	11.7	12.8	16.1	18.4	21.5	23.1
50°	11.3	11.3	11.2	11.3	11.8	12.2	12.6	13.8	15.3	16.3	17.0
47.5°	14.0	13.8	12.9	12.6	13.4	12.9	13.1	13.3	14.6	15.1	15.2
45°	23.9	22.8	17.5	18.0	18.1	17.5	15.5	16.7	15.8	15.6	15.6
42.5°	59.0	45.7	40.7	33.1	28.1	26.4	23.9	23.8	22.5	18.6	18.7
40°	89.6	73.3	63.0	57.3	47.8	40.1	40.9	33.9	31.9	27.8	26.6
37.5°	104.9	81.0	92.4	87.9	75.4	72.9	72.0	59.0	42.9	50.9	48.9
35°	156.6	147.8	157.5	151.1	124.1	146.1	132.1	102.4	84.3	89.1	81.7
32.5°	319.3	313.2	291.6	269.2	262.9	261.9	237.7	182.0	167.5	155.5	131.9
30°	600.0	556.0	502.7	472.7	462.5	424.4	379.7	388.5	319.0	242.0	198.6
27.5°	1035.3	876.5	798.9	831.8	728.6	643.9	684.4	722.3	538.9	393.2	293.9
25°	1596.1	1366.4	1353.2	1352.9	1195.5	1041.1	1106.9	1111.3	930.2	596.0	423.8
22.5°	2228.5	2000.4	1913.5	2008.8	1826.1	1687.6	1605.6	1546.2	1410.2	968.6	657.7
20°	2761.1	2560.5	2412.9	2417.1	2444.3	2330.4	2164.5	2006.3	1821.5	1453.7	955.3
17.5°	3400.0	3035.9	2788.1	2733.7	2848.5	2858.5	2656.9	2411.3	2218.9	1954.8	1296.1
15°	4404.1	3493.5	3122.5	3000.9	3069.4	3128.6	3038.8	2785.5	2597.2	2378.7	1692.3
12.5°	7020.1	3925.1	3403.7	3114.8	3103.5	3258.6	3293.9	3134.1	2891.6	2582.5	1970.8
10°	9442.0	4934.8	3680.0	3285.8	3160.2	3296.0	3392.5	3209.0	2941.4	2685.5	2209.5
7.5°	14677.3	6535.4	3951.3	3426.6	3204.8	3243.0	3325.3	3155.3	2957.0	2756.4	2408.2
5°	18377.2	7712.4	4122.8	3519.0	3235.2	3226.9	3281.9	3061.5	2945.1	2801.5	2566.2
2.5°	20461.5	8314.9	4219.5	3583.2	3261.1	3246.6	3279.4	3002.9	2922.6	2787.7	2591.0
0°	19631.0	7725.3	4173.3	3596.0	3280.4	3293.2	3314.5	2990.3	2896.4	2757.1	2577.9
-2.5°	20117.2	8163.8	4224.4	3595.3	3296.3	3303.7	3478.3	3130.4	2974.6	2787.5	2552.4
-5°	17611.9	7351.5	4048.4	3461.2	3210.1	3241.6	3439.1	3171.8	2980.8	2783.7	2486.9
-7.5°	13658.2	6170.4	3806.2	3295.5	3095.7	3151.8	3283.7	3087.4	2850.9	2666.6	2330.6
-10°	8706.9	4715.5	3513.9	3125.8	2987.5	3070.3	3157.3	2962.8	2714.2	2545.6	2150.1
-12.5°	6092.4	3743.3	3210.3	2939.1	2900.5	3049.7	3090.9	2825.2	2572.1	2423.7	1952.2
-15°	4013.5	3330.2	3015.1	2863.7	2872.9	3012.6	3043.9	2806.1	2598.1	2357.1	1743.0
-17.5°	3413.3	3037.0	2854.4	2835.5	2915.9	2989.9	3001.3	2859.4	2654.2	2315.1	1556.3
-20°	3077.1	2881.6	2858.0	2888.0	2971.9	3028.4	3021.8	2930.2	2679.6	2101.5	1348.1



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2895.8	2934.5	2989.5	3025.5	3019.5	3034.6	3015.3	2932.3	2676.5	1804.8	1112.1
-25°	3015.2	3152.6	3283.8	3298.8	3154.1	3041.3	3014.7	2854.6	2295.6	1485.9	887.6
-27.5°	3362.2	3554.4	3698.2	3637.0	3423.8	3142.7	2970.1	2695.4	1839.5	1180.8	867.4
-30°	3843.2	3932.2	4004.6	3961.8	3657.9	3326.3	2955.4	2158.9	1446.5	931.7	845.3
-32.5°	4170.7	4150.7	4153.9	4086.1	3812.8	3407.3	2509.4	1635.3	1056.6	904.3	840.7
-35°	4306.0	4174.6	4076.4	3966.2	3840.2	2847.4	1905.2	1217.5	955.2	881.5	839.6
-37.5°	4241.7	4008.9	3838.1	3609.4	2889.8	2064.9	1330.4	1029.9	930.1	877.4	835.3
-40°	3955.2	3704.5	3151.8	2552.4	1944.2	1305.1	1102.1	1005.7	939.8	871.4	829.0
-42.5°	3194.2	2681.7	2160.0	1652.8	1228.5	1151.7	1079.5	1015.5	949.6	880.9	793.1
-45°	2149.6	1720.2	1322.1	1242.6	1168.1	1123.3	1086.8	1026.4	960.4	855.7	749.9
-47.5°	1388.6	1312.4	1238.1	1190.7	1154.6	1119.1	1085.8	1035.0	917.1	807.8	702.9
-50°	1292.4	1253.9	1217.2	1182.7	1149.0	1115.9	1048.2	961.6	850.6	744.7	646.0
-52.5°	1272.0	1237.8	1205.5	1173.9	1109.7	1033.0	953.3	866.7	769.7	670.2	577.8
-55°	1258.0	1199.8	1137.1	1071.9	1003.0	925.3	845.9	762.4	674.8	584.7	499.6
-57.5°	1134.3	1074.0	1009.0	944.1	879.7	802.7	722.5	644.9	571.9	492.4	417.0
-60°	972.4	916.3	856.2	793.0	727.1	658.1	591.2	526.0	463.1	404.9	346.6
-62.5°	791.2	739.4	685.8	630.4	573.1	514.9	462.2	416.1	370.4	322.1	267.9
-65°	606.3	562.8	516.7	474.5	433.3	393.1	353.8	313.5	272.2	229.7	184.4
-67.5°	433.8	400.8	368.3	337.4	306.8	274.3	240.3	205.4	176.5	149.3	119.0
-70°	280.1	256.8	233.1	208.3	186.3	165.7	144.4	122.6	99.8	85.0	72.9
-72.5°	156.9	143.6	129.1	113.5	96.6	86.4	78.8	70.7	61.7	51.7	44.1
-75°	80.6	75.4	69.8	64.1	58.1	51.8	47.9	44.8	41.9	39.0	36.4
-77.5°	48.1	46.3	44.4	42.6	40.7	38.7	36.6	34.7	33.2	31.6	29.9
-80°	36.1	34.9	33.7	32.7	31.6	30.4	29.2	28.0	26.7	25.5	24.3
-82.5°	27.7	27.0	26.4	25.5	24.5	23.5	22.4	21.6	20.8	20.0	19.3
-85°	20.7	20.5	20.2	19.4	18.5	17.7	16.9	16.7	16.5	16.2	16.0
-87.5°	16.3	15.9	15.5	15.1	14.7	14.3	13.9	13.8	13.7	13.6	13.4
-90°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.1	10.7	10.4	10.0	10.0	10.0	10.0	10.0	9.3	8.6	7.8
87.5°	1.6	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.1
85°	2.1	2.3	2.5	2.8	2.8	2.8	2.8	2.8	3.1	3.3	3.5
82.5°	2.8	2.8	2.7	2.8	3.0	3.2	3.2	3.2	3.4	3.6	3.8
80°	3.1	3.3	3.3	3.3	3.4	3.6	3.8	3.9	4.0	4.1	4.2
77.5°	3.6	3.8	4.0	4.1	4.0	4.0	4.1	4.4	4.6	4.6	4.7
75°	4.3	4.2	4.2	4.4	4.4	4.3	4.2	4.4	4.7	5.1	5.1
72.5°	5.3	4.9	4.6	4.5	4.7	4.7	4.5	4.4	4.8	5.1	5.5
70°	7.2	6.0	5.4	5.1	5.1	5.2	5.1	4.9	4.8	5.2	5.5
67.5°	10.0	8.2	6.8	5.9	5.5	5.4	5.6	5.5	5.4	5.2	5.5
65°	19.2	12.9	8.4	7.2	6.2	5.7	5.7	6.0	5.9	5.7	5.6
62.5°	26.3	19.5	13.5	9.2	7.2	6.3	5.8	6.2	6.4	6.2	5.9
60°	31.0	23.6	18.2	13.2	9.2	7.0	6.4	6.5	6.7	6.7	6.3
57.5°	29.8	25.8	21.7	16.7	11.9	8.4	7.1	7.0	7.1	7.1	6.7
55°	26.1	22.9	23.8	20.2	14.7	10.1	8.2	7.7	7.6	7.5	7.1
52.5°	21.5	21.5	23.4	22.6	17.9	12.2	9.9	8.4	8.2	7.9	7.6
50°	17.3	20.5	23.3	24.0	21.0	15.7	11.5	9.7	8.8	8.5	8.0
47.5°	15.7	19.5	22.4	25.4	23.5	19.1	14.1	11.0	9.4	9.0	8.5
45°	17.4	19.0	21.9	24.6	26.3	21.7	16.9	12.2	10.5	9.6	9.0
42.5°	21.0	21.3	22.1	24.0	26.2	23.9	19.6	14.4	11.4	10.1	9.5
40°	26.4	25.8	23.8	25.8	26.2	25.7	21.4	16.6	12.3	10.7	10.0
37.5°	33.4	31.9	28.8	30.7	28.0	26.4	22.9	18.7	13.7	11.6	10.5
35°	60.4	40.0	45.0	42.6	34.9	27.7	24.1	20.4	15.7	12.6	10.9
32.5°	95.0	75.2	79.5	62.6	44.1	29.6	25.5	22.1	17.6	13.5	11.3
30°	159.4	157.9	131.7	88.0	58.5	38.2	28.0	24.2	19.5	14.4	11.8
27.5°	268.7	258.4	203.7	136.4	83.0	49.5	32.4	26.5	21.2	15.6	12.6
25°	380.8	362.9	301.3	202.1	111.0	77.0	37.5	29.2	23.1	17.1	13.3
22.5°	501.3	463.9	410.7	278.6	158.6	113.5	51.4	33.3	25.1	18.5	14.1
20°	619.9	563.7	521.2	344.4	217.6	155.9	77.7	37.7	27.3	19.7	14.8
17.5°	762.4	643.5	564.9	409.3	276.7	198.7	108.8	42.3	29.5	20.9	15.5
15°	985.8	696.5	603.6	466.5	327.9	241.5	143.5	47.2	31.7	22.0	16.1
12.5°	1189.2	745.9	641.7	516.1	372.0	283.9	180.7	52.1	34.0	23.0	16.7
10°	1379.6	791.2	678.8	558.7	409.8	325.6	218.9	57.0	36.1	24.0	17.2
7.5°	1552.1	832.5	714.1	594.4	438.7	352.1	242.7	61.7	38.0	24.9	17.6
5°	1682.0	862.9	740.6	610.5	446.1	361.3	260.5	66.2	39.8	25.7	17.9
2.5°	1694.3	878.2	760.4	619.2	451.1	367.5	274.0	70.3	41.4	26.4	18.2
0°	1669.3	888.7	776.4	622.8	453.6	371.1	283.0	73.9	42.7	27.0	18.5
-2.5°	1645.5	889.1	777.8	633.8	474.0	381.9	293.0	95.1	56.3	34.7	22.0
-5°	1591.9	885.5	775.2	640.6	491.4	390.6	299.0	115.2	69.4	42.0	25.4
-7.5°	1500.9	868.5	764.1	642.5	505.0	397.3	301.8	133.9	81.6	48.8	28.6
-10°	1379.7	842.0	742.5	632.4	511.3	405.9	302.8	150.6	92.5	55.0	31.4
-12.5°	1231.5	812.5	720.5	622.5	515.3	416.1	305.6	164.7	102.2	60.2	33.8
-15°	1057.4	780.6	699.2	613.9	518.2	424.3	305.7	176.2	110.8	65.2	35.7
-17.5°	865.0	746.4	679.6	607.8	520.4	430.5	303.1	185.1	117.9	70.1	37.9
-20°	824.7	730.5	663.2	605.4	522.2	434.9	298.3	191.2	123.2	73.7	40.1



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	811.5	732.2	668.5	603.5	523.9	437.4	291.3	194.3	126.6	75.9	41.3
-25°	795.9	735.5	676.4	603.2	523.6	425.1	288.0	194.1	128.0	76.6	41.6
-27.5°	793.0	740.7	683.7	597.2	514.6	411.0	286.7	195.1	127.9	75.7	40.8
-30°	798.1	746.7	676.5	585.4	501.6	387.8	281.1	193.5	126.7	74.4	38.9
-32.5°	800.0	752.4	659.2	568.0	476.8	363.6	268.2	189.1	123.2	72.1	37.8
-35°	797.0	733.1	635.0	545.8	447.5	344.3	253.1	181.9	117.4	68.3	36.7
-37.5°	790.2	698.3	606.3	516.8	417.6	322.1	239.4	170.3	109.2	62.8	34.8
-40°	750.8	661.8	573.1	483.6	389.3	297.1	223.1	156.8	100.8	55.5	32.2
-42.5°	709.3	622.2	535.2	449.5	358.9	276.1	204.3	140.8	89.8	50.2	28.8
-45°	662.7	578.1	493.3	409.1	326.7	252.3	183.7	123.0	77.0	45.4	26.1
-47.5°	611.6	528.6	445.5	364.4	296.2	225.5	160.1	106.7	62.9	39.7	25.0
-50°	554.2	472.7	391.8	322.9	260.3	195.7	135.3	88.6	54.9	32.9	23.8
-52.5°	490.6	409.0	341.6	281.4	221.0	162.7	112.6	69.8	46.1	29.4	22.3
-55°	417.9	351.5	294.2	235.3	178.4	132.2	87.9	58.6	36.5	27.4	20.7
-57.5°	355.2	298.0	240.2	184.8	139.6	100.6	69.3	46.4	32.2	25.2	19.6
-60°	290.7	234.1	181.0	140.0	103.0	74.6	54.1	36.5	29.4	23.1	18.5
-62.5°	215.8	168.8	132.5	98.1	74.1	55.8	40.1	33.0	26.5	21.7	17.2
-65°	149.5	116.3	86.4	69.5	52.8	40.3	35.6	29.3	24.5	20.2	16.2
-67.5°	90.1	75.4	60.5	45.6	39.3	35.3	30.9	26.9	22.8	18.7	15.5
-70°	60.2	47.3	41.0	37.6	34.0	30.5	28.0	24.9	21.0	17.7	14.8
-72.5°	41.0	38.0	35.1	32.1	29.6	27.3	25.4	22.9	19.6	16.6	14.0
-75°	33.9	31.8	29.7	27.6	25.7	24.1	22.7	20.9	18.0	15.4	13.0
-77.5°	28.2	26.5	24.7	23.4	22.3	21.3	20.2	18.8	16.4	14.1	11.8
-80°	23.1	22.1	21.1	20.1	19.3	18.5	17.8	16.9	14.9	12.7	10.6
-82.5°	18.7	18.2	17.7	17.3	16.8	16.3	15.8	15.2	13.3	11.4	9.6
-85°	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.5	11.9	10.4	9.1
-87.5°	13.2	12.9	12.7	12.4	12.3	12.1	11.9	11.8	10.6	9.5	8.5
-90°	1.4	1.4	1.4	1.4	1.8	2.1	2.5	2.8	2.8	2.8	2.8



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	6.4	5.7	5.0	4.3	4.3	4.3
87.5°	3.2	3.4	3.7	4.0	4.3	4.3	4.3
85°	3.6	3.7	3.8	4.0	4.3	4.4	4.3
82.5°	4.0	3.9	3.9	4.1	4.3	4.4	4.3
80°	4.3	4.1	4.1	4.1	4.3	4.4	4.3
77.5°	4.7	4.4	4.2	4.2	4.3	4.5	4.3
75°	5.1	4.7	4.3	4.2	4.3	4.5	4.3
72.5°	5.4	5.0	4.6	4.3	4.3	4.5	4.3
70°	5.7	5.3	4.8	4.3	4.4	4.6	4.3
67.5°	5.7	5.6	5.0	4.5	4.4	4.6	4.3
65°	5.8	5.8	5.3	4.7	4.4	4.6	4.3
62.5°	5.9	5.9	5.5	4.8	4.4	4.7	4.3
60°	6.0	6.0	5.7	5.0	4.5	4.7	4.3
57.5°	6.3	6.1	5.8	5.2	4.6	4.7	4.3
55°	6.6	6.3	6.0	5.3	4.8	4.8	4.3
52.5°	7.0	6.4	6.1	5.5	4.9	4.8	4.3
50°	7.3	6.7	6.3	5.6	5.0	4.9	4.3
47.5°	7.7	7.0	6.4	5.7	5.2	4.9	4.3
45°	8.1	7.3	6.6	5.9	5.3	4.9	4.3
42.5°	8.6	7.5	6.8	6.0	5.4	5.0	4.3
40°	9.1	7.8	7.0	6.2	5.5	5.0	4.3
37.5°	9.6	8.1	7.2	6.3	5.7	5.1	4.3
35°	10.1	8.4	7.4	6.5	5.8	5.1	4.3
32.5°	10.5	8.8	7.6	6.7	5.9	5.2	4.3
30°	10.9	9.2	7.7	6.9	6.0	5.2	4.3
27.5°	11.2	9.6	8.0	7.0	6.1	5.3	4.3
25°	11.6	9.9	8.2	7.2	6.2	5.3	4.3
22.5°	11.9	10.3	8.4	7.4	6.3	5.3	4.3
20°	12.2	10.6	8.6	7.5	6.5	5.4	4.3
17.5°	12.5	10.8	8.8	7.7	6.5	5.4	4.3
15°	12.7	11.0	9.0	7.8	6.6	5.5	4.3
12.5°	13.0	11.1	9.2	7.9	6.7	5.5	4.3
10°	13.3	11.2	9.4	8.1	6.8	5.6	4.3
7.5°	13.5	11.3	9.6	8.2	6.9	5.6	4.3
5°	13.8	11.4	9.7	8.3	7.0	5.6	4.3
2.5°	14.0	11.4	9.9	8.4	7.0	5.7	4.3
0°	14.2	11.4	10.0	8.5	7.1	5.7	4.3
-2.5°	15.5	12.0	10.2	8.6	7.2	5.7	4.3
-5°	16.8	12.6	10.5	8.7	7.2	5.8	4.3
-7.5°	18.0	13.2	10.7	8.8	7.3	5.8	4.3
-10°	19.1	13.7	10.9	8.8	7.3	5.8	4.3
-12.5°	20.0	14.2	11.0	8.9	7.3	5.8	4.3
-15°	20.8	14.6	11.2	8.9	7.4	5.8	4.3
-17.5°	21.5	14.9	11.3	9.0	7.4	5.8	4.3
-20°	22.2	15.1	11.3	9.0	7.4	5.8	4.3



REPORT NUMBER: P1306349 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.0	15.3	11.4	9.0	7.4	5.8	4.3
-25°	23.3	15.4	11.4	9.0	7.4	5.8	4.3
-27.5°	23.3	15.5	11.4	9.0	7.4	5.8	4.3
-30°	22.8	15.5	11.3	9.0	7.4	5.8	4.3
-32.5°	21.8	15.4	11.3	9.0	7.4	5.8	4.3
-35°	21.3	15.2	11.3	9.0	7.4	5.8	4.3
-37.5°	21.0	14.9	11.2	8.9	7.4	5.7	4.3
-40°	20.5	14.8	11.0	8.9	7.3	5.7	4.3
-42.5°	19.9	14.5	10.9	8.9	7.3	5.7	4.3
-45°	19.1	14.2	10.9	8.8	7.3	5.6	4.3
-47.5°	18.2	13.9	10.8	8.8	7.2	5.6	4.3
-50°	17.6	13.4	10.7	8.7	7.2	5.5	4.3
-52.5°	16.9	12.9	10.6	8.6	7.1	5.5	4.3
-55°	16.2	12.6	10.4	8.5	7.1	5.4	4.3
-57.5°	15.3	12.4	10.3	8.4	7.0	5.4	4.3
-60°	14.5	12.1	10.1	8.2	6.9	5.3	4.3
-62.5°	14.0	11.8	9.8	8.1	6.7	5.2	4.3
-65°	13.6	11.5	9.4	7.9	6.6	5.2	4.3
-67.5°	13.1	11.0	9.1	7.7	6.4	5.1	4.3
-70°	12.5	10.4	8.7	7.4	6.2	5.0	4.3
-72.5°	11.6	9.8	8.3	7.2	5.9	4.9	4.3
-75°	10.7	9.1	7.8	6.9	5.7	4.8	4.3
-77.5°	9.6	8.4	7.5	6.6	5.5	4.8	4.3
-80°	8.6	7.9	7.1	6.2	5.3	4.7	4.3
-82.5°	8.2	7.5	6.8	5.9	5.0	4.6	4.3
-85°	7.8	7.1	6.4	5.6	4.8	4.5	4.3
-87.5°	7.5	6.8	6.1	5.3	4.5	4.4	4.3
-90°	2.8	3.2	3.6	3.9	4.3	4.3	4.3

(END OF REPORT)