

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: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-1S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

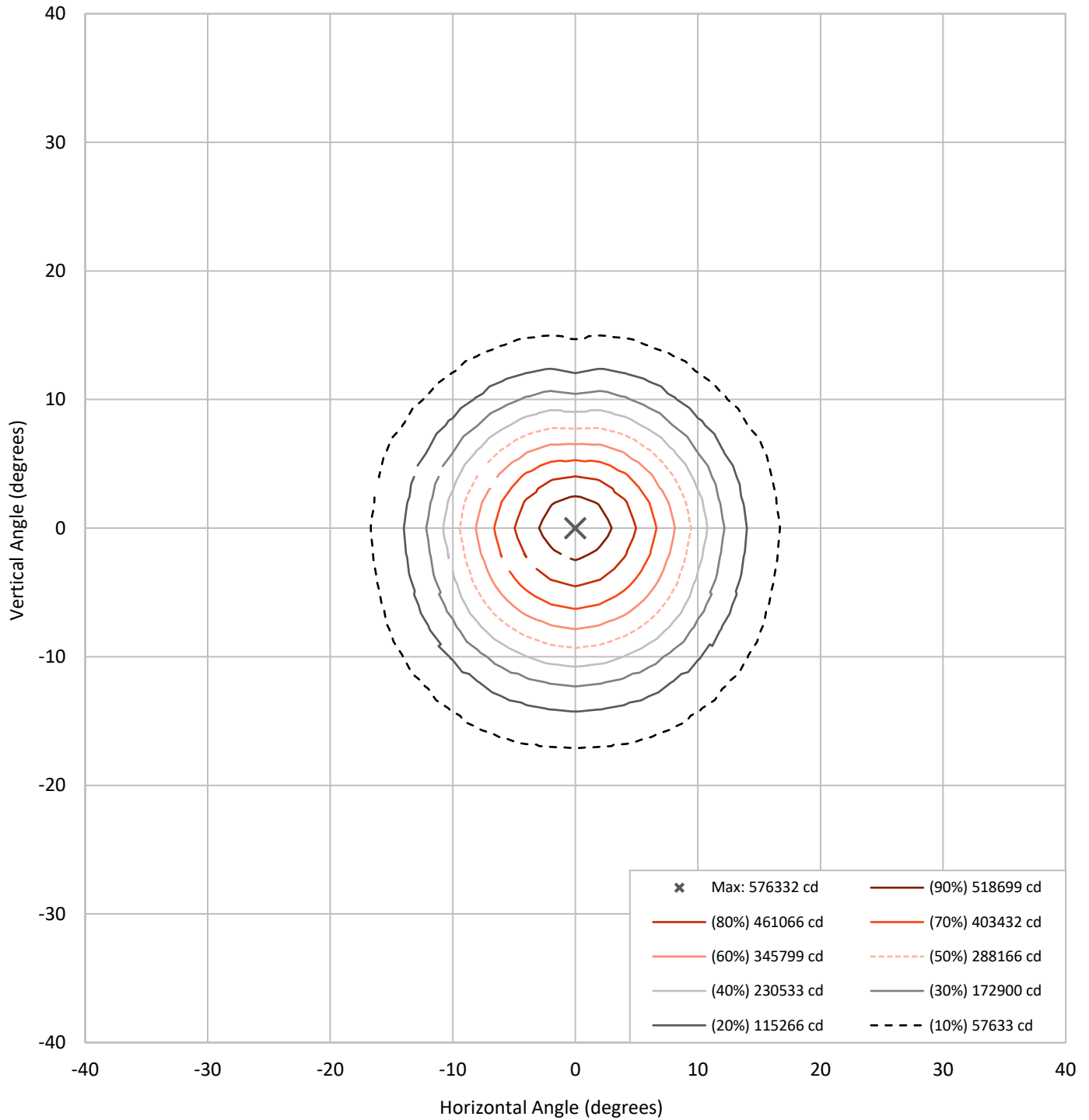
Test Method: LM-79-08  
Report Number: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-1S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	66446.1 lumens	Max Intensity:	576332 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	30606.6 lumens	Field Lumens:	56259.6 lumens
Beam Efficiency:	46.1%	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: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

### Iso-Candela Plot



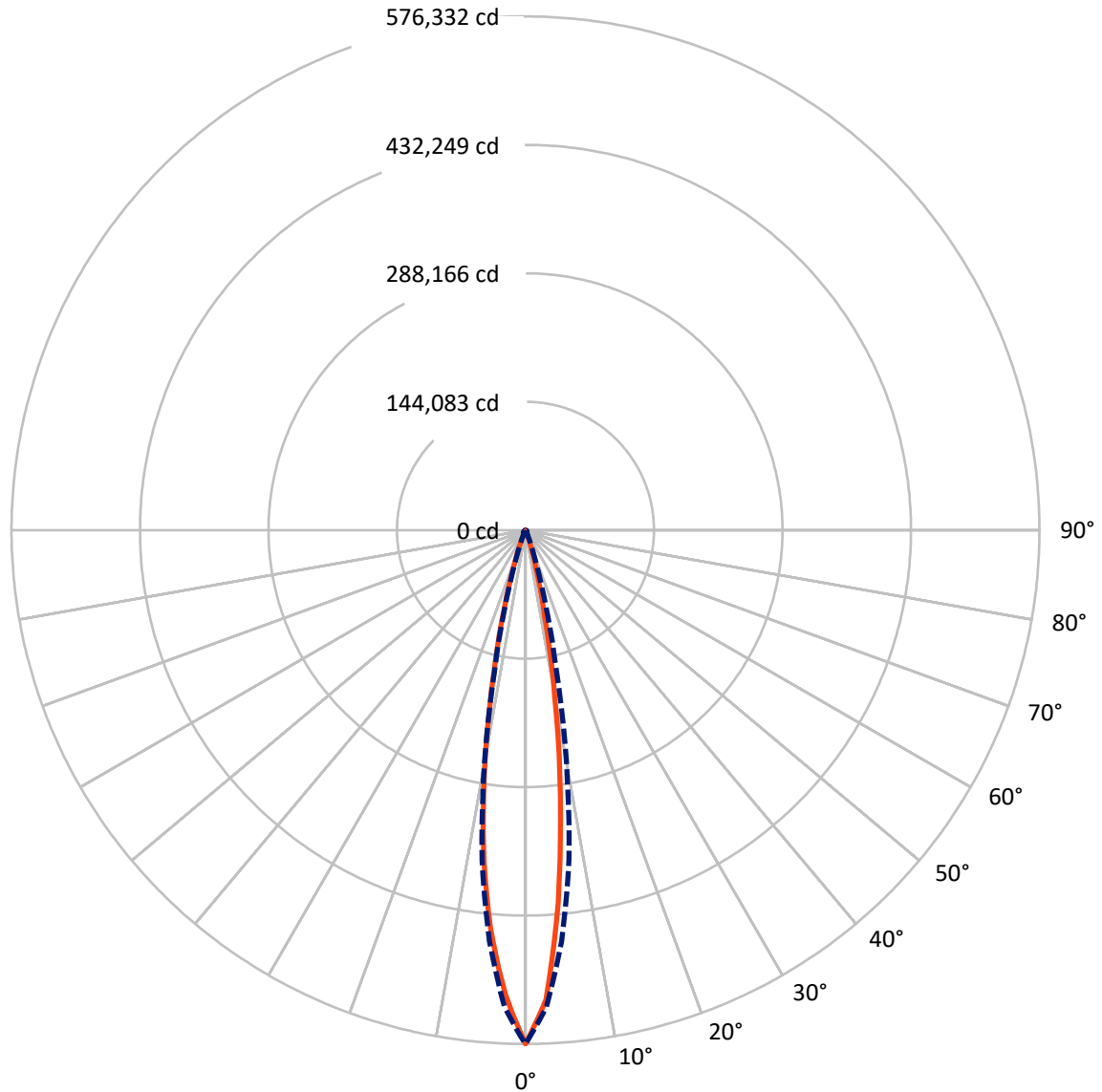
REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

### Lumen Table

90	0.1	0.4		0.5		0.5		0.6		0.5		0.5		0.4		0.1
80	0.1	0.4		0.5		0.5		0.6		0.5		0.5		0.4		0.1
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.2	0.1	0.2
60		0.1	0.3	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.3	0.1	
50	0.2	0.1	0.4	0.4	0.5	0.7	1.0	1.1	1.1	1.0	0.7	0.5	0.4	0.4	0.1	0.2
40		0.2	0.7	1.4	3.2	5.0	5.3	6.2	6.2	5.3	5.0	3.2	1.4	0.7	0.2	
30	0.2	0.4	2.3	8.1	21.4	26.1	34.5	64.3	64.3	34.5	26.1	21.4	8.1	2.3	0.4	0.2
20		0.8	5.1	21.0	45.7	64.3	438.8	1764.4	1764.4	438.8	64.3	45.7	21.0	5.1	0.8	
10	0.3	1.5	8.8	40.4	69.1	160.0	2292.6	9894.0	9894.0	2292.6	160.0	69.1	40.4	8.8	1.5	0.3
0		2.5	11.6	47.7	79.8	158.9	2487.2	10589.3	10589.3	2487.2	158.9	79.8	47.7	11.6	2.5	
-10	0.4	2.8	12.0	44.8	84.9	99.8	721.4	2731.8	2731.8	721.4	99.8	84.9	44.8	12.0	2.8	0.4
-20		2.7	10.4	24.8	64.8	80.3	98.0	181.2	181.2	98.0	80.3	64.8	24.8	10.4	2.7	
-30	0.4	2.3	7.9	14.5	36.1	68.5	81.8	84.9	84.9	81.8	68.5	36.1	14.5	7.9	2.3	0.4
-40		1.5	5.4	11.5	18.5	33.5	61.2	84.5	84.5	61.2	33.5	18.5	11.5	5.4	1.5	
-50	0.2	0.7	3.1	7.7	14.1	20.1	25.0	28.0	28.0	25.0	20.1	14.1	7.7	3.1	0.7	0.2
-60		0.3	1.1	3.6	7.5	12.2	17.2	20.3	20.3	17.2	12.2	7.5	3.6	1.1	0.3	
-70	0.2	0.7	3.1	7.7	14.1	20.1	25.0	28.0	28.0	25.0	20.1	14.1	7.7	3.1	0.7	0.2
-80		0.3	1.1	3.6	7.5	12.2	17.2	20.3	20.3	17.2	12.2	7.5	3.6	1.1	0.3	
-90	0.2	0.9		2.7		6.7		9.9		6.7		2.7		0.9		0.2

REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

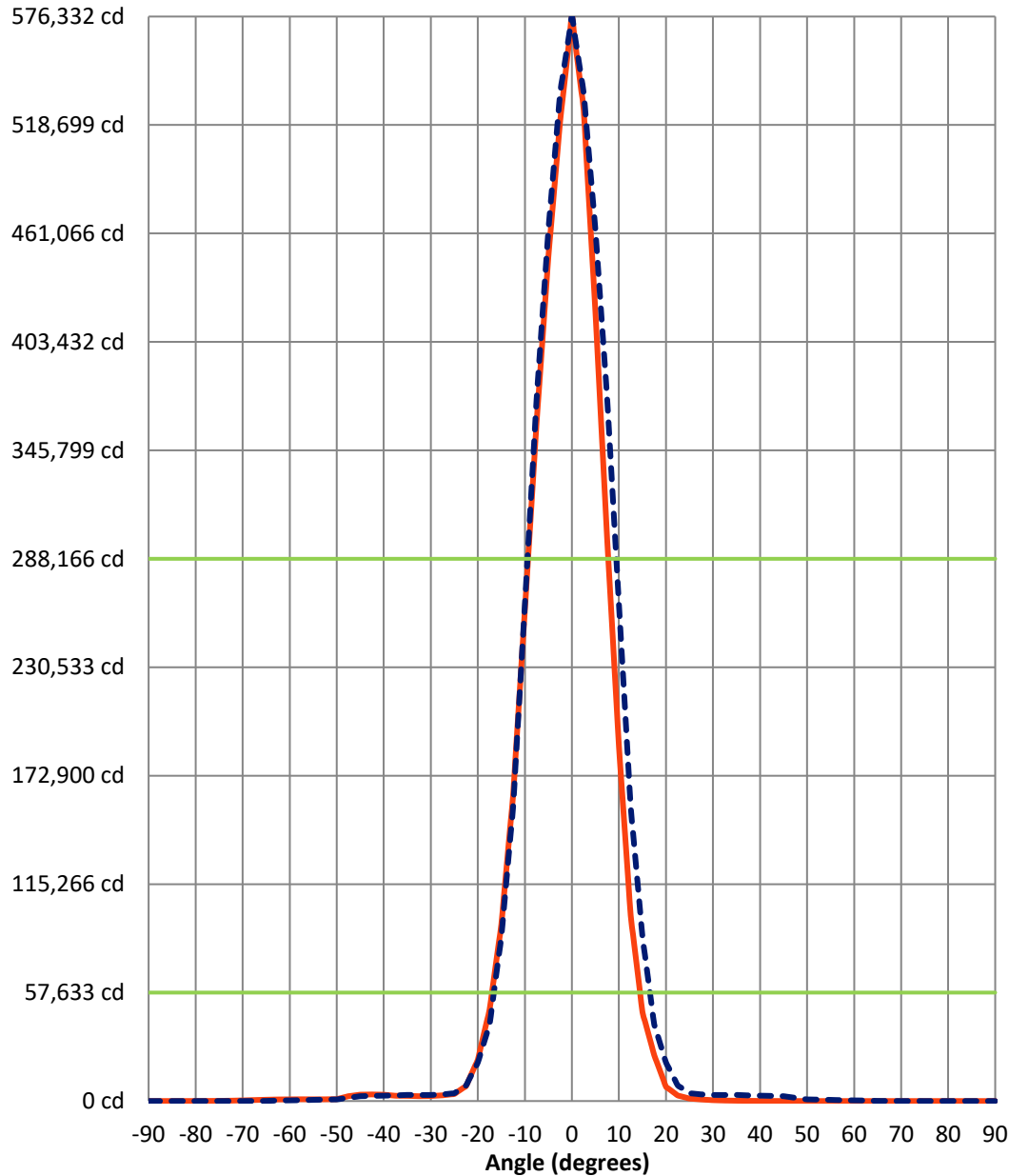
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.9°  
 V Angle: 17.1°  
 Lumens: 30606.6  
 Efficiency: 46.1%

**Field:**  
 H Angle: 33.2°  
 V Angle: 31.5°  
 Lumens: 56259.6  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 10186.5  
 Efficiency: 15.3%

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



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.5	7.8	8.2	8.5
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.4	6.1	5.7
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.4	6.1	5.7
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.4	6.2	6.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.7	6.6	6.7
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.9	7.0	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2
67.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.3
65°	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.1	7.4	7.5	7.4
62.5°	7.1	7.1	7.1	7.1	7.1	7.3	7.3	7.4	7.7	7.8	7.5
60°	7.1	7.1	7.1	7.1	7.1	7.4	7.4	7.7	8.1	7.8	7.5
57.5°	7.1	7.1	7.1	7.1	7.2	7.5	7.6	8.1	8.2	7.9	7.6
55°	7.1	7.1	7.1	7.1	7.4	7.7	7.9	8.5	8.3	8.0	7.7
52.5°	7.1	7.1	7.1	7.1	7.5	7.8	8.1	8.5	8.3	8.1	7.8
50°	7.1	7.1	7.1	7.1	7.7	8.0	8.3	8.5	8.4	8.1	8.7
47.5°	7.1	7.1	7.1	7.1	7.8	8.1	8.5	8.5	8.5	8.2	9.5
45°	7.1	7.1	7.1	7.3	8.0	8.2	8.5	8.5	8.5	8.8	10.3
42.5°	7.1	7.1	7.1	7.4	8.2	8.3	8.5	8.6	8.6	9.3	11.2
40°	7.1	7.1	7.1	7.5	8.3	8.4	8.5	8.7	8.9	9.7	12.0
37.5°	7.1	7.1	7.1	7.6	8.4	8.5	8.5	8.8	9.3	10.2	12.6
35°	7.1	7.1	7.1	7.7	8.4	8.5	8.5	9.0	9.7	11.3	13.0
32.5°	7.1	7.1	7.1	7.8	8.5	8.5	8.5	9.2	10.0	12.5	14.6
30°	7.1	7.1	7.1	7.9	8.5	8.5	8.7	9.4	10.4	13.8	16.5
27.5°	7.1	7.1	7.1	8.0	8.5	8.5	8.8	9.7	11.0	15.3	18.7
25°	7.1	7.1	7.1	8.1	8.5	8.5	9.0	10.0	12.2	17.1	21.1
22.5°	7.1	7.1	7.1	8.2	8.5	8.5	9.2	10.3	13.4	19.0	24.8
20°	7.1	7.1	7.1	8.2	8.5	8.6	9.4	10.5	14.7	21.0	28.4
17.5°	7.1	7.1	7.1	8.3	8.5	8.8	9.6	10.8	15.9	23.0	31.8
15°	7.1	7.1	7.1	8.4	8.5	8.9	9.9	11.1	17.2	25.2	35.0
12.5°	7.1	7.1	7.1	8.4	8.5	9.1	10.2	11.6	18.5	27.3	38.1
10°	7.1	7.1	7.1	8.4	8.5	9.2	10.4	12.2	19.9	29.9	42.6
7.5°	7.1	7.1	7.1	8.5	8.5	9.4	10.7	12.7	21.1	32.5	50.6
5°	7.1	7.1	7.1	8.5	8.5	9.6	10.9	13.2	22.2	35.0	58.9
2.5°	7.1	7.1	7.1	8.5	8.5	9.7	11.1	13.7	23.2	37.4	67.1
0°	7.1	7.1	7.1	8.5	8.5	9.9	11.3	14.2	24.1	39.6	75.0
-2.5°	7.1	7.1	7.2	8.5	8.6	10.0	12.1	17.1	30.4	51.4	95.0
-5°	7.1	7.1	7.2	8.5	8.7	10.2	12.8	19.8	36.5	62.7	113.9
-7.5°	7.1	7.1	7.3	8.5	8.9	10.3	13.4	22.3	42.0	73.2	131.0
-10°	7.1	7.1	7.3	8.5	9.0	10.4	14.0	24.5	46.9	82.5	146.1
-12.5°	7.1	7.1	7.4	8.4	9.1	10.5	14.5	26.4	51.0	90.7	157.9
-15°	7.1	7.1	7.4	8.4	9.1	10.6	14.8	27.7	55.5	99.3	167.1
-17.5°	7.1	7.1	7.5	8.4	9.2	10.6	15.0	29.8	60.7	106.5	174.1
-20°	7.1	7.1	7.5	8.4	9.2	10.7	15.5	32.2	64.6	112.0	178.7



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	7.1	7.6	8.4	9.2	10.7	16.5	33.7	67.1	115.9	180.8
-25°	7.1	7.1	7.6	8.4	9.2	11.0	17.0	34.2	68.1	117.9	180.2
-27.5°	7.1	7.1	7.6	8.4	9.2	11.3	17.1	33.7	67.5	118.4	181.8
-30°	7.1	7.1	7.6	8.4	9.2	11.5	16.8	32.1	66.5	117.6	181.1
-32.5°	7.1	7.1	7.6	8.4	9.2	11.7	15.9	31.3	64.7	114.5	177.8
-35°	7.1	7.1	7.6	8.4	9.3	11.7	15.7	30.4	61.2	109.2	172.0
-37.5°	7.1	7.1	7.6	8.4	9.3	11.7	15.8	28.7	56.1	101.5	156.8
-40°	7.1	7.1	7.6	8.5	9.2	11.7	15.7	26.2	49.3	93.6	140.5
-42.5°	7.1	7.1	7.5	8.5	9.2	11.6	15.4	23.0	44.2	81.3	122.9
-45°	7.1	7.1	7.5	8.6	9.3	11.5	15.0	20.5	39.5	67.8	104.7
-47.5°	7.1	7.1	7.5	8.6	9.3	11.3	14.4	19.8	33.8	53.6	88.7
-50°	7.1	7.1	7.4	8.5	9.3	11.0	14.0	18.9	26.6	45.4	71.9
-52.5°	7.1	7.1	7.3	8.4	9.3	10.7	13.6	17.8	23.2	36.8	55.1
-55°	7.1	7.1	7.3	8.3	9.2	10.5	13.1	16.5	21.4	27.8	44.9
-57.5°	7.1	7.1	7.2	8.1	9.1	10.3	12.5	15.7	19.5	24.1	34.4
-60°	7.1	7.1	7.1	8.0	9.0	10.1	11.8	14.8	17.8	21.9	26.2
-62.5°	7.1	7.1	7.1	7.9	8.8	9.9	11.4	13.8	16.7	19.7	23.7
-65°	7.1	7.1	7.1	7.7	8.6	9.6	11.0	12.9	15.5	18.2	21.1
-67.5°	7.1	7.1	7.1	7.6	8.4	9.3	10.4	12.2	14.3	16.8	19.3
-70°	7.1	7.1	7.1	7.4	8.2	9.0	9.9	11.4	13.3	15.4	17.8
-72.5°	7.1	7.1	7.1	7.4	8.0	8.8	9.5	10.6	12.3	14.2	16.2
-75°	7.1	7.1	7.1	7.3	7.8	8.5	9.2	10.1	11.2	12.9	14.6
-77.5°	7.1	7.1	7.1	7.3	7.7	8.2	8.9	9.6	10.6	11.6	13.0
-80°	7.1	7.1	7.1	7.3	7.6	8.0	8.5	9.2	9.9	10.8	11.7
-82.5°	7.1	7.1	7.1	7.2	7.5	7.8	8.2	8.7	9.2	9.9	10.6
-85°	7.1	7.1	7.1	7.2	7.3	7.6	7.8	8.3	8.7	9.2	9.7
-87.5°	7.1	7.1	7.1	7.1	7.2	7.3	7.5	7.9	8.3	8.7	9.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.4	6.1	5.7



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	5.7	5.7	5.7	5.7	5.3	5.0	4.6	4.2	4.2	4.2	4.2
85°	5.7	5.7	5.7	5.7	5.3	5.0	4.6	4.2	4.2	4.2	4.2
82.5°	6.1	6.1	5.9	5.7	5.4	5.0	4.6	4.4	4.4	4.4	4.4
80°	6.6	6.4	6.1	5.8	5.5	5.4	5.4	5.4	5.3	5.0	4.6
77.5°	6.8	6.5	6.1	5.8	5.7	5.9	5.9	5.8	5.4	5.1	4.7
75°	6.9	6.5	6.4	6.4	6.4	6.4	6.2	5.8	5.6	5.4	5.4
72.5°	6.9	6.8	6.9	7.1	6.9	6.6	6.2	5.9	6.2	6.9	7.4
70°	7.0	7.1	7.1	7.1	7.0	6.8	7.1	8.0	9.2	10.6	13.1
67.5°	7.1	7.1	7.1	7.1	7.1	7.5	8.6	13.8	20.0	22.7	23.7
65°	7.1	7.1	7.1	7.1	7.1	11.0	16.8	24.0	31.6	33.0	32.1
62.5°	7.1	7.1	7.1	8.1	11.4	16.8	23.5	31.3	40.1	40.4	35.3
60°	7.2	7.1	8.5	11.7	15.6	20.8	28.5	34.7	41.3	44.2	33.8
57.5°	7.3	8.2	11.1	14.9	19.0	23.0	27.5	33.6	36.7	37.2	27.5
55°	7.9	10.0	13.5	17.7	21.1	20.8	24.2	26.9	28.0	26.5	18.9
52.5°	9.3	11.7	15.9	19.8	21.1	19.6	18.9	20.7	19.9	17.0	13.9
50°	10.5	13.8	18.1	21.4	21.1	18.1	15.3	16.1	15.4	13.4	11.3
47.5°	12.0	15.6	20.7	22.9	20.3	18.2	15.7	14.9	14.1	14.4	12.7
45°	13.3	17.5	23.0	22.5	20.9	20.0	18.1	15.5	18.0	18.4	17.9
42.5°	14.4	19.0	22.9	22.5	23.6	23.1	21.4	22.6	23.9	25.0	25.6
40°	15.5	20.2	23.3	26.6	27.1	27.0	29.3	31.4	31.5	33.6	35.2
37.5°	16.2	21.3	26.1	34.0	31.4	34.0	38.6	42.6	44.9	43.1	48.2
35°	16.6	23.2	35.3	43.6	41.3	43.4	50.6	58.6	66.5	62.0	70.8
32.5°	17.9	25.8	47.2	54.5	62.6	63.0	64.2	86.4	103.4	111.0	115.2
30°	21.0	36.6	60.3	67.3	92.4	97.6	96.7	124.2	155.5	230.1	287.1
27.5°	25.4	49.8	72.4	93.6	129.2	138.4	151.6	183.2	279.2	420.9	581.3
25°	29.7	67.0	85.8	129.1	168.9	187.8	210.4	258.2	452.3	769.9	886.1
22.5°	38.9	86.1	107.3	169.6	212.7	238.5	279.7	396.3	664.4	1152.4	1183.7
20°	53.7	104.0	138.7	208.0	260.5	288.8	348.8	539.6	900.2	1255.7	1394.1
17.5°	69.2	123.8	173.0	246.7	312.2	352.6	426.4	675.8	1083.8	1389.5	1552.5
15°	85.2	145.1	204.8	289.5	368.8	432.5	579.6	859.9	1211.2	1547.5	1782.0
12.5°	101.3	167.4	233.9	335.1	429.4	512.3	765.0	1164.2	1489.4	1759.8	2069.6
10°	116.9	190.1	260.4	382.2	492.6	591.3	969.0	1491.9	1812.4	2051.0	2322.5
7.5°	155.0	225.0	290.0	429.3	556.9	668.5	1182.0	1831.2	2105.9	2300.3	2504.7
5°	197.9	271.6	346.8	499.4	626.8	742.3	1389.4	2168.5	2375.4	2516.4	2643.5
2.5°	240.4	316.5	402.4	569.2	696.5	810.3	1564.3	2388.1	2565.4	2699.5	2800.9
0°	280.3	359.6	455.9	634.3	761.7	873.6	1714.6	2574.0	2734.0	2868.5	2990.3
-2.5°	302.6	394.4	496.0	659.1	769.2	877.5	1597.6	2510.7	2749.5	2928.8	3110.6
-5°	320.1	426.5	533.2	680.1	774.4	877.8	1460.5	2401.3	2767.8	2991.0	3213.0
-7.5°	332.6	455.1	567.1	697.2	780.7	881.4	1453.1	2440.1	2878.3	3080.5	3298.3
-10°	338.0	465.9	574.0	700.6	788.3	885.2	1435.0	2422.1	2984.8	3173.7	3369.3
-12.5°	327.5	460.7	572.1	699.5	794.6	884.9	1361.6	2341.1	3091.1	3275.8	3404.2
-15°	315.3	453.2	565.3	693.6	799.9	880.3	1225.3	2193.1	3110.3	3228.8	3355.3
-17.5°	302.2	443.5	553.2	682.7	804.6	871.6	1009.8	1819.5	2789.6	3074.1	3275.3
-20°	289.0	431.7	535.4	666.9	805.1	842.3	912.8	1460.4	2277.8	2851.6	3116.7



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	276.4	417.9	515.4	645.4	751.9	798.4	849.8	1127.2	1743.7	2565.3	2836.5
-25°	270.6	396.9	496.9	600.4	697.3	752.3	782.0	857.9	1304.6	2024.9	2525.7
-27.5°	268.5	378.6	469.2	557.1	650.2	702.5	725.7	781.7	1023.9	1504.0	2180.5
-30°	263.1	350.9	440.0	517.9	603.4	654.2	673.0	722.4	805.2	1153.2	1643.8
-32.5°	247.3	322.1	407.8	484.2	558.6	617.1	642.3	687.2	746.9	853.0	1205.1
-35°	227.6	297.6	374.3	449.4	517.8	581.6	626.0	658.4	699.0	752.6	925.4
-37.5°	210.2	271.9	340.5	413.2	479.0	544.6	607.6	637.2	669.0	709.9	782.3
-40°	191.1	245.2	310.0	376.3	440.7	504.6	565.7	619.1	644.3	686.6	736.3
-42.5°	170.6	222.4	279.8	339.4	400.9	461.2	521.6	578.4	633.0	666.4	706.2
-45°	149.9	198.0	249.4	305.1	360.0	416.6	473.1	531.5	598.9	657.4	686.5
-47.5°	128.0	172.4	220.8	270.2	320.9	371.9	423.5	486.4	553.7	617.0	678.2
-50°	106.0	147.0	191.4	237.8	283.1	328.9	375.8	441.5	506.6	568.2	626.7
-52.5°	86.4	120.2	162.3	206.3	247.8	288.5	336.7	396.6	458.8	519.6	575.2
-55°	65.9	96.7	131.8	173.1	214.5	251.6	298.1	352.8	409.0	467.5	522.1
-57.5°	50.7	73.4	103.5	137.5	177.1	218.2	263.2	308.7	359.9	413.0	461.3
-60°	38.5	54.2	76.5	105.1	136.2	176.9	225.7	270.7	313.8	356.1	401.3
-62.5°	27.7	40.1	54.9	74.1	100.8	132.3	173.6	220.0	269.8	306.5	342.2
-65°	24.9	28.6	38.8	52.5	66.5	92.6	123.7	158.5	200.4	237.7	275.8
-67.5°	22.0	25.5	28.9	34.2	46.7	60.6	75.1	102.9	133.4	159.2	186.2
-70°	20.0	22.4	25.4	28.5	31.7	37.9	50.2	63.0	75.6	90.1	111.9
-72.5°	18.1	20.0	22.2	24.8	27.6	30.8	34.2	37.8	45.2	54.6	63.5
-75°	16.1	17.5	19.1	21.1	23.3	25.8	28.5	31.4	34.0	36.3	38.7
-77.5°	14.0	15.1	16.2	17.5	18.9	20.7	22.6	24.8	26.7	28.5	30.2
-80°	12.2	12.7	13.4	14.3	15.4	16.6	17.7	18.7	19.7	21.0	22.4
-82.5°	10.8	11.0	11.2	11.5	12.3	13.1	13.9	14.8	15.4	16.1	16.7
-85°	9.5	9.2	9.1	9.1	9.7	10.4	11.0	11.7	11.9	12.2	12.4
-87.5°	9.0	8.9	8.7	8.5	8.7	8.9	9.2	9.5	9.5	9.6	9.6
-90°	5.7	5.7	5.7	5.7	5.3	5.0	4.6	4.2	4.2	4.2	4.2



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.5	8.9	9.2	9.5	9.9	10.6	11.3	12.0	12.7	18.0	23.3
87.5°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.4	1.4
85°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.4	1.4
82.5°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.4	1.4
80°	4.3	3.9	3.6	3.2	2.8	2.7	2.6	2.6	2.6	2.4	2.1
77.5°	4.4	4.2	4.1	3.8	3.6	3.5	3.3	3.1	2.8	2.5	2.1
75°	5.6	5.6	5.4	5.0	4.4	3.9	3.6	3.2	2.9	2.8	2.7
72.5°	7.8	7.7	7.2	6.9	6.2	5.8	5.7	5.5	5.2	5.2	5.4
70°	14.5	14.8	14.1	12.8	10.9	9.6	9.0	8.2	7.1	7.0	7.5
67.5°	22.9	21.0	19.3	17.4	14.8	12.7	11.6	10.5	9.6	9.3	9.6
65°	28.8	22.8	19.6	17.2	15.4	13.7	12.3	11.0	9.6	8.9	8.7
62.5°	28.8	20.6	16.7	14.7	13.4	12.3	10.5	8.9	7.4	6.6	6.6
60°	24.8	17.0	12.6	10.9	9.5	8.5	7.7	6.8	6.1	5.7	5.8
57.5°	18.9	12.3	8.5	8.3	7.9	7.4	7.0	6.7	6.3	5.7	6.0
55°	13.1	10.2	8.6	8.7	8.8	8.7	8.2	7.5	7.0	6.6	6.9
52.5°	10.5	10.2	10.6	10.8	10.0	9.2	8.4	8.4	8.5	8.8	9.2
50°	11.1	11.6	11.8	11.1	10.6	10.3	9.8	10.2	10.9	11.4	11.9
47.5°	12.9	13.5	13.9	12.6	12.7	13.5	12.9	13.2	15.8	17.9	19.4
45°	17.0	19.1	19.4	19.6	19.4	21.3	22.5	23.5	28.9	31.0	30.9
42.5°	26.1	29.3	31.3	33.3	31.7	37.5	45.7	51.3	49.9	47.9	48.5
40°	39.5	45.3	53.4	57.8	62.7	69.2	71.5	61.9	60.5	68.2	68.9
37.5°	60.0	75.6	93.0	106.2	108.5	105.6	102.2	100.7	102.9	108.0	115.7
35°	98.6	135.4	151.4	159.7	164.9	149.3	143.4	149.2	144.3	158.5	163.4
32.5°	174.8	222.1	235.9	242.2	255.0	239.4	204.6	245.7	230.2	227.9	243.6
30°	277.1	343.2	400.0	404.2	395.1	392.6	412.5	417.9	399.3	399.2	461.4
27.5°	530.8	545.8	646.3	691.8	578.2	586.8	641.0	612.1	679.4	744.4	795.7
25°	840.6	853.0	1028.7	1001.9	881.5	915.7	947.5	941.2	1019.2	1097.3	1186.2
22.5°	1125.3	1176.3	1320.6	1283.3	1229.6	1244.4	1273.6	1331.3	1436.2	1595.1	2009.0
20°	1352.4	1385.6	1455.6	1487.6	1490.6	1519.7	1612.7	1771.9	2098.7	3170.5	4464.5
17.5°	1571.4	1520.1	1604.4	1659.6	1719.2	1825.8	2041.9	2694.1	4269.8	7518.6	10702.2
15°	1889.4	1857.8	1808.3	1883.7	2049.3	2267.2	2772.0	5156.6	10509.7	16601.4	22934.8
12.5°	2235.9	2194.1	2125.7	2189.4	2440.8	2828.9	5201.7	11244.6	19801.8	30722.8	51995.7
10°	2512.1	2493.3	2450.7	2585.8	2914.0	4083.3	8286.2	17794.6	30518.7	55852.4	86820.5
7.5°	2681.1	2672.4	2708.8	2930.2	3377.2	5963.5	13545.7	26785.6	49144.7	84314.8	136301.2
5°	2865.8	2852.5	2911.1	3179.5	3708.4	7168.8	17654.1	34862.3	68160.5	116819.4	192315.1
2.5°	3063.9	3033.4	3093.8	3399.7	3967.7	7436.1	18576.4	37281.3	79448.6	141875.7	243024.6
0°	3263.6	3201.3	3233.8	3539.7	4161.2	8312.6	20487.6	40768.5	87428.4	156372.0	263950.4
-2.5°	3279.9	3174.2	3206.6	3489.3	4084.5	7157.1	17787.6	37555.3	83094.1	145495.5	241717.7
-5°	3307.4	3169.7	3160.6	3408.4	3975.1	6529.7	15090.9	34347.1	73414.5	128034.4	211415.5
-7.5°	3358.7	3196.0	3117.7	3300.9	3801.5	5676.3	12311.9	28592.8	59391.9	104425.8	164848.3
-10°	3442.9	3268.0	3139.9	3220.3	3582.4	4629.4	8146.2	20781.9	44957.0	78731.3	119687.4
-12.5°	3546.7	3465.9	3273.6	3162.4	3361.2	3928.5	6403.1	15526.9	31586.3	49809.9	79687.5
-15°	3594.9	3625.4	3486.5	3265.2	3278.3	3629.2	4478.2	8501.5	19827.3	33068.3	47807.1
-17.5°	3529.4	3673.8	3513.3	3259.4	3156.5	3364.4	3761.5	5236.5	9162.2	17667.0	26311.2
-20°	3338.2	3385.5	3352.7	3200.2	3092.3	3103.6	3300.1	3682.6	4448.5	7232.6	10292.2



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2984.1	3014.5	3005.9	3118.8	2997.7	2943.2	2986.0	3134.4	3372.1	3733.3	4745.8
-25°	2682.3	2669.4	2739.2	2928.0	2957.8	2826.2	2791.8	2802.6	2937.7	3098.0	3319.9
-27.5°	2394.3	2481.4	2634.8	2826.4	2909.7	2821.1	2709.9	2637.1	2702.2	2752.7	2852.3
-30°	2153.4	2378.5	2539.3	2713.8	2839.1	2825.0	2716.7	2681.0	2650.3	2614.6	2639.8
-32.5°	1769.8	2254.3	2420.2	2562.8	2714.5	2776.0	2775.2	2760.1	2774.0	2744.8	2679.8
-35°	1375.4	1897.7	2328.5	2407.8	2505.8	2650.7	2761.8	2779.4	2796.1	2795.3	2779.7
-37.5°	986.7	1472.1	1908.8	2229.8	2345.1	2451.3	2658.4	2769.0	2805.1	2862.4	2883.5
-40°	809.2	954.7	1391.3	1784.0	2048.8	2370.5	2585.7	2785.9	2991.8	3112.2	3180.4
-42.5°	755.9	816.4	880.5	1182.5	1560.1	1913.2	2250.6	2631.9	2924.4	3151.7	3378.2
-45°	717.6	756.5	798.9	858.4	917.8	1216.9	1560.6	1905.6	2229.4	2555.8	2869.0
-47.5°	702.4	716.7	746.2	780.1	819.7	872.0	921.7	998.5	1265.7	1530.4	1814.2
-50°	678.0	713.6	726.4	738.8	770.7	801.4	825.1	857.6	889.9	910.2	937.0
-52.5°	626.6	672.5	711.8	747.8	768.5	786.4	802.1	828.7	853.7	875.4	890.4
-55°	573.4	620.8	666.2	710.4	751.9	791.7	826.2	845.3	864.6	884.0	892.0
-57.5°	510.8	560.9	609.8	656.0	701.2	745.4	784.6	819.9	853.7	885.1	904.8
-60°	445.3	488.0	537.5	588.7	635.9	679.4	722.8	763.7	801.5	833.6	853.8
-62.5°	381.6	422.2	462.9	509.1	560.3	609.7	648.8	688.5	728.4	763.5	788.9
-65°	312.5	346.5	379.1	413.9	450.6	490.2	531.4	572.1	611.7	645.1	670.1
-67.5°	218.2	250.8	280.9	310.7	338.2	366.0	395.7	425.9	455.9	482.3	504.6
-70°	133.0	152.8	170.3	189.3	212.0	235.4	258.8	280.3	299.9	316.2	329.2
-72.5°	72.0	79.6	88.1	102.1	115.0	129.0	143.3	156.6	168.7	179.9	189.9
-75°	41.1	44.5	50.6	56.0	60.8	66.7	73.1	79.3	85.2	91.0	96.2
-77.5°	32.0	33.7	35.4	37.0	38.5	40.6	43.1	45.6	48.1	52.3	56.8
-80°	23.8	25.0	26.1	27.2	28.3	29.7	31.2	32.5	33.8	35.7	37.5
-82.5°	17.4	17.9	18.4	18.8	19.2	20.2	21.2	22.2	23.2	25.2	27.2
-85°	12.6	12.9	13.0	13.2	13.4	13.9	14.4	14.8	15.3	17.1	19.0
-87.5°	9.6	9.7	9.8	9.9	9.9	10.3	10.6	11.0	11.3	13.2	15.0
-90°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	28.7	34.0	38.9	43.9	38.9	34.0	28.7	23.3	18.0	12.7	12.0
87.5°	1.4	1.4	0.7	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.8
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
80°	1.8	1.4	1.4	1.4	1.4	1.4	1.8	2.1	2.4	2.6	2.6
77.5°	1.8	1.4	1.4	1.4	1.4	1.4	1.8	2.1	2.5	2.8	3.1
75°	2.7	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.8	2.9	3.2
72.5°	5.5	5.6	5.7	5.7	5.7	5.6	5.5	5.4	5.2	5.2	5.5
70°	7.9	8.4	9.1	9.9	9.1	8.4	7.9	7.5	7.0	7.1	8.2
67.5°	9.8	9.8	8.6	7.1	8.6	9.8	9.8	9.6	9.3	9.6	10.5
65°	8.6	8.6	7.9	7.1	7.9	8.6	8.6	8.7	8.9	9.6	11.0
62.5°	6.8	7.1	7.1	7.1	7.1	7.1	6.8	6.6	6.6	7.4	8.9
60°	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.8	5.7	6.1	6.8
57.5°	6.5	6.9	7.1	7.1	7.1	6.9	6.5	6.0	5.7	6.3	6.7
55°	7.0	7.1	7.6	8.5	7.6	7.1	7.0	6.9	6.6	7.0	7.5
52.5°	9.5	9.7	9.9	9.9	9.9	9.7	9.5	9.2	8.8	8.5	8.4
50°	12.2	12.5	12.6	12.7	12.6	12.5	12.2	11.9	11.4	10.9	10.2
47.5°	20.3	20.8	21.5	22.7	21.5	20.8	20.3	19.4	17.9	15.8	13.2
45°	32.3	33.2	34.5	36.8	34.5	33.2	32.3	30.9	31.0	28.9	23.5
42.5°	51.1	52.6	54.1	56.6	54.1	52.6	51.1	48.5	47.9	49.9	51.3
40°	70.5	71.4	72.3	75.0	72.3	71.4	70.5	68.9	68.2	60.5	61.9
37.5°	119.2	114.1	108.8	120.3	108.8	114.1	119.2	115.7	108.0	102.9	100.7
35°	162.5	165.5	170.3	178.4	170.3	165.5	162.5	163.4	158.5	144.3	149.2
32.5°	246.5	259.9	266.1	274.7	266.1	259.9	246.5	243.6	227.9	230.2	245.7
30°	490.5	489.7	450.2	457.3	450.2	489.7	490.5	461.4	399.2	399.3	417.9
27.5°	812.2	822.0	817.6	838.2	817.6	822.0	812.2	795.7	744.4	679.4	612.1
25°	1264.3	1306.5	1298.3	1339.4	1298.3	1306.5	1264.3	1186.2	1097.3	1019.2	941.2
22.5°	2517.7	2712.5	2709.4	2969.1	2709.4	2712.5	2517.7	2009.0	1595.1	1436.2	1331.3
20°	6724.4	8054.7	7506.5	7607.5	7506.5	8054.7	6724.4	4464.5	3170.5	2098.7	1771.9
17.5°	15506.8	20014.4	21971.9	24418.1	21971.9	20014.4	15506.8	10702.2	7518.6	4269.8	2694.1
15°	35399.1	47408.5	53415.7	47284.3	53415.7	47408.5	35399.1	22934.8	16601.4	10509.7	5156.6
12.5°	74115.2	95201.3	109776.9	98591.1	109776.9	95201.3	74115.2	51995.7	30722.8	19801.8	11244.6
10°	128040.5	166880.8	198980.3	188401.1	198980.3	166880.8	128040.5	86820.5	55852.4	30518.7	17794.6
7.5°	196840.8	259586.0	298748.1	298458.0	298748.1	259586.0	196840.8	136301.2	84314.8	49144.7	26785.6
5°	283194.0	363472.1	413337.5	419350.4	413337.5	363472.1	283194.0	192315.1	116819.4	68160.5	34862.3
2.5°	347132.6	434169.8	502257.9	526816.3	502257.9	434169.8	347132.6	243024.6	141875.7	79448.6	37281.3
0°	373237.7	462967.7	535750.4	576332.0	535750.4	462967.7	373237.7	263950.4	156372.0	87428.4	40768.5
-2.5°	352725.7	435600.7	495630.8	520773.4	495630.8	435600.7	352725.7	241717.7	145495.5	83094.1	37555.3
-5°	307977.1	386026.4	432334.1	448779.3	432334.1	386026.4	307977.1	211415.5	128034.4	73414.5	34347.1
-7.5°	241009.2	306343.8	346319.1	360757.5	346319.1	306343.8	241009.2	164848.3	104425.8	59391.9	28592.8
-10°	166899.6	215464.2	250170.5	260936.0	250170.5	215464.2	166899.6	119687.4	78731.3	44957.0	20781.9
-12.5°	107542.4	136356.1	155584.2	162587.6	155584.2	136356.1	107542.4	79687.5	49809.9	31586.3	15526.9
-15°	65423.9	81467.4	90779.6	93917.4	90779.6	81467.4	65423.9	47807.1	33068.3	19827.3	8501.5
-17.5°	36048.3	43791.2	46637.8	48640.7	46637.8	43791.2	36048.3	26311.2	17667.0	9162.2	5236.5
-20°	16149.6	19511.1	21160.6	22006.8	21160.6	19511.1	16149.6	10292.2	7232.6	4448.5	3682.6



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6226.9	7208.5	7650.6	8013.8	7650.6	7208.5	6226.9	4745.8	3733.3	3372.1	3134.4
-25°	3512.9	3649.2	3711.3	3752.1	3711.3	3649.2	3512.9	3319.9	3098.0	2937.7	2802.6
-27.5°	2923.4	3002.0	3056.0	3046.9	3056.0	3002.0	2923.4	2852.3	2752.7	2702.2	2637.1
-30°	2641.7	2665.9	2686.3	2670.3	2686.3	2665.9	2641.7	2639.8	2614.6	2650.3	2681.0
-32.5°	2634.0	2609.1	2594.8	2591.0	2594.8	2609.1	2634.0	2679.8	2744.8	2774.0	2760.1
-35°	2762.0	2750.7	2743.6	2748.2	2743.6	2750.7	2762.0	2779.7	2795.3	2796.1	2779.4
-37.5°	2886.0	2869.5	2844.4	2824.7	2844.4	2869.5	2886.0	2883.5	2862.4	2805.1	2769.0
-40°	3193.5	3253.0	3328.4	3369.8	3328.4	3253.0	3193.5	3180.4	3112.2	2991.8	2785.9
-42.5°	3445.4	3488.9	3508.5	3507.1	3508.5	3488.9	3445.4	3378.2	3151.7	2924.4	2631.9
-45°	3106.6	3280.3	3374.1	3392.4	3374.1	3280.3	3106.6	2869.0	2555.8	2229.4	1905.6
-47.5°	2120.1	2402.3	2567.8	2589.6	2567.8	2402.3	2120.1	1814.2	1530.4	1265.7	998.5
-50°	973.7	1011.5	1025.4	1015.2	1025.4	1011.5	973.7	937.0	910.2	889.9	857.6
-52.5°	904.7	919.3	926.8	928.8	926.8	919.3	904.7	890.4	875.4	853.7	828.7
-55°	899.6	907.5	912.9	917.5	912.9	907.5	899.6	892.0	884.0	864.6	845.3
-57.5°	923.1	940.1	948.2	951.5	948.2	940.1	923.1	904.8	885.1	853.7	819.9
-60°	872.1	888.7	894.8	896.2	894.8	888.7	872.1	853.8	833.6	801.5	763.7
-62.5°	812.8	834.8	843.0	845.3	843.0	834.8	812.8	788.9	763.5	728.4	688.5
-65°	691.9	710.6	711.8	706.5	711.8	710.6	691.9	670.1	645.1	611.7	572.1
-67.5°	524.8	542.3	543.2	538.0	543.2	542.3	524.8	504.6	482.3	455.9	425.9
-70°	339.7	347.8	349.4	348.3	349.4	347.8	339.7	329.2	316.2	299.9	280.3
-72.5°	198.8	206.3	204.8	201.1	204.8	206.3	198.8	189.9	179.9	168.7	156.6
-75°	100.9	105.1	106.6	107.6	106.6	105.1	100.9	96.2	91.0	85.2	79.3
-77.5°	61.4	65.8	67.1	68.0	67.1	65.8	61.4	56.8	52.3	48.1	45.6
-80°	39.3	40.9	41.1	41.1	41.1	40.9	39.3	37.5	35.7	33.8	32.5
-82.5°	29.1	31.0	31.8	32.6	31.8	31.0	29.1	27.2	25.2	23.2	22.2
-85°	20.8	22.7	23.4	24.1	23.4	22.7	20.8	19.0	17.1	15.3	14.8
-87.5°	16.7	18.5	19.1	19.8	19.1	18.5	16.7	15.0	13.2	11.3	11.0
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.8



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.3	10.6	9.9	9.5	9.2	8.9	8.5	8.5	8.5	8.5	8.5
87.5°	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.2	4.2	4.2	4.2
85°	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.2	4.2	4.2	4.2
82.5°	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.4	4.4	4.4	4.4
80°	2.6	2.7	2.8	3.2	3.6	3.9	4.3	4.6	5.0	5.3	5.4
77.5°	3.3	3.5	3.6	3.8	4.1	4.2	4.4	4.7	5.1	5.4	5.8
75°	3.6	3.9	4.4	5.0	5.4	5.6	5.6	5.4	5.4	5.6	5.8
72.5°	5.7	5.8	6.2	6.9	7.2	7.7	7.8	7.4	6.9	6.2	5.9
70°	9.0	9.6	10.9	12.8	14.1	14.8	14.5	13.1	10.6	9.2	8.0
67.5°	11.6	12.7	14.8	17.4	19.3	21.0	22.9	23.7	22.7	20.0	13.8
65°	12.3	13.7	15.4	17.2	19.6	22.8	28.8	32.1	33.0	31.6	24.0
62.5°	10.5	12.3	13.4	14.7	16.7	20.6	28.8	35.3	40.4	40.1	31.3
60°	7.7	8.5	9.5	10.9	12.6	17.0	24.8	33.8	44.2	41.3	34.7
57.5°	7.0	7.4	7.9	8.3	8.5	12.3	18.9	27.5	37.2	36.7	33.6
55°	8.2	8.7	8.8	8.7	8.6	10.2	13.1	18.9	26.5	28.0	26.9
52.5°	8.4	9.2	10.0	10.8	10.6	10.2	10.5	13.9	17.0	19.9	20.7
50°	9.8	10.3	10.6	11.1	11.8	11.6	11.1	11.3	13.4	15.4	16.1
47.5°	12.9	13.5	12.7	12.6	13.9	13.5	12.9	12.7	14.4	14.1	14.9
45°	22.5	21.3	19.4	19.6	19.4	19.1	17.0	17.9	18.4	18.0	15.5
42.5°	45.7	37.5	31.7	33.3	31.3	29.3	26.1	25.6	25.0	23.9	22.6
40°	71.5	69.2	62.7	57.8	53.4	45.3	39.5	35.2	33.6	31.5	31.4
37.5°	102.2	105.6	108.5	106.2	93.0	75.6	60.0	48.2	43.1	44.9	42.6
35°	143.4	149.3	164.9	159.7	151.4	135.4	98.6	70.8	62.0	66.5	58.6
32.5°	204.6	239.4	255.0	242.2	235.9	222.1	174.8	115.2	111.0	103.4	86.4
30°	412.5	392.6	395.1	404.2	400.0	343.2	277.1	287.1	230.1	155.5	124.2
27.5°	641.0	586.8	578.2	691.8	646.3	545.8	530.8	581.3	420.9	279.2	183.2
25°	947.5	915.7	881.5	1001.9	1028.7	853.0	840.6	886.1	769.9	452.3	258.2
22.5°	1273.6	1244.4	1229.6	1283.3	1320.6	1176.3	1125.3	1183.7	1152.4	664.4	396.3
20°	1612.7	1519.7	1490.6	1487.6	1455.6	1385.6	1352.4	1394.1	1255.7	900.2	539.6
17.5°	2041.9	1825.8	1719.2	1659.6	1604.4	1520.1	1571.4	1552.5	1389.5	1083.8	675.8
15°	2772.0	2267.2	2049.3	1883.7	1808.3	1857.8	1889.4	1782.0	1547.5	1211.2	859.9
12.5°	5201.7	2828.9	2440.8	2189.4	2125.7	2194.1	2235.9	2069.6	1759.8	1489.4	1164.2
10°	8286.2	4083.3	2914.0	2585.8	2450.7	2493.3	2512.1	2322.5	2051.0	1812.4	1491.9
7.5°	13545.7	5963.5	3377.2	2930.2	2708.8	2672.4	2681.1	2504.7	2300.3	2105.9	1831.2
5°	17654.1	7168.8	3708.4	3179.5	2911.1	2852.5	2865.8	2643.5	2516.4	2375.4	2168.5
2.5°	18576.4	7436.1	3967.7	3399.7	3093.8	3033.4	3063.9	2800.9	2699.5	2565.4	2388.1
0°	20487.6	8312.6	4161.2	3539.7	3233.8	3201.3	3263.6	2990.3	2868.5	2734.0	2574.0
-2.5°	17787.6	7157.1	4084.5	3489.3	3206.6	3174.2	3279.9	3110.6	2928.8	2749.5	2510.7
-5°	15090.9	6529.7	3975.1	3408.4	3160.6	3169.7	3307.4	3213.0	2991.0	2767.8	2401.3
-7.5°	12311.9	5676.3	3801.5	3300.9	3117.7	3196.0	3358.7	3298.3	3080.5	2878.3	2440.1
-10°	8146.2	4629.4	3582.4	3220.3	3139.9	3268.0	3442.9	3369.3	3173.7	2984.8	2422.1
-12.5°	6403.1	3928.5	3361.2	3162.4	3273.6	3465.9	3546.7	3404.2	3275.8	3091.1	2341.1
-15°	4478.2	3629.2	3278.3	3265.2	3486.5	3625.4	3594.9	3355.3	3228.8	3110.3	2193.1
-17.5°	3761.5	3364.4	3156.5	3259.4	3513.3	3673.8	3529.4	3275.3	3074.1	2789.6	1819.5
-20°	3300.1	3103.6	3092.3	3200.2	3352.7	3385.5	3338.2	3116.7	2851.6	2277.8	1460.4



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2986.0	2943.2	2997.7	3118.8	3005.9	3014.5	2984.1	2836.5	2565.3	1743.7	1127.2
-25°	2791.8	2826.2	2957.8	2928.0	2739.2	2669.4	2682.3	2525.7	2024.9	1304.6	857.9
-27.5°	2709.9	2821.1	2909.7	2826.4	2634.8	2481.4	2394.3	2180.5	1504.0	1023.9	781.7
-30°	2716.7	2825.0	2839.1	2713.8	2539.3	2378.5	2153.4	1643.8	1153.2	805.2	722.4
-32.5°	2775.2	2776.0	2714.5	2562.8	2420.2	2254.3	1769.8	1205.1	853.0	746.9	687.2
-35°	2761.8	2650.7	2505.8	2407.8	2328.5	1897.7	1375.4	925.4	752.6	699.0	658.4
-37.5°	2658.4	2451.3	2345.1	2229.8	1908.8	1472.1	986.7	782.3	709.9	669.0	637.2
-40°	2585.7	2370.5	2048.8	1784.0	1391.3	954.7	809.2	736.3	686.6	644.3	619.1
-42.5°	2250.6	1913.2	1560.1	1182.5	880.5	816.4	755.9	706.2	666.4	633.0	578.4
-45°	1560.6	1216.9	917.8	858.4	798.9	756.5	717.6	686.5	657.4	598.9	531.5
-47.5°	921.7	872.0	819.7	780.1	746.2	716.7	702.4	678.2	617.0	553.7	486.4
-50°	825.1	801.4	770.7	738.8	726.4	713.6	678.0	626.7	568.2	506.6	441.5
-52.5°	802.1	786.4	768.5	747.8	711.8	672.5	626.6	575.2	519.6	458.8	396.6
-55°	826.2	791.7	751.9	710.4	666.2	620.8	573.4	522.1	467.5	409.0	352.8
-57.5°	784.6	745.4	701.2	656.0	609.8	560.9	510.8	461.3	413.0	359.9	308.7
-60°	722.8	679.4	635.9	588.7	537.5	488.0	445.3	401.3	356.1	313.8	270.7
-62.5°	648.8	609.7	560.3	509.1	462.9	422.2	381.6	342.2	306.5	269.8	220.0
-65°	531.4	490.2	450.6	413.9	379.1	346.5	312.5	275.8	237.7	200.4	158.5
-67.5°	395.7	366.0	338.2	310.7	280.9	250.8	218.2	186.2	159.2	133.4	102.9
-70°	258.8	235.4	212.0	189.3	170.3	152.8	133.0	111.9	90.1	75.6	63.0
-72.5°	143.3	129.0	115.0	102.1	88.1	79.6	72.0	63.5	54.6	45.2	37.8
-75°	73.1	66.7	60.8	56.0	50.6	44.5	41.1	38.7	36.3	34.0	31.4
-77.5°	43.1	40.6	38.5	37.0	35.4	33.7	32.0	30.2	28.5	26.7	24.8
-80°	31.2	29.7	28.3	27.2	26.1	25.0	23.8	22.4	21.0	19.7	18.7
-82.5°	21.2	20.2	19.2	18.8	18.4	17.9	17.4	16.7	16.1	15.4	14.8
-85°	14.4	13.9	13.4	13.2	13.0	12.9	12.6	12.4	12.2	11.9	11.7
-87.5°	10.6	10.3	9.9	9.9	9.8	9.7	9.6	9.6	9.6	9.5	9.5
-90°	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.2	4.2	4.2	4.2



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.2	7.8	7.5
87.5°	4.6	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.1	6.4	6.8
85°	4.6	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.1	6.4	6.8
82.5°	4.6	5.0	5.4	5.7	5.9	6.1	6.1	6.1	6.2	6.4	6.8
80°	5.4	5.4	5.5	5.8	6.1	6.4	6.6	6.7	6.6	6.7	6.8
77.5°	5.9	5.9	5.7	5.8	6.1	6.5	6.8	7.1	7.0	6.9	7.0
75°	6.2	6.4	6.4	6.4	6.4	6.5	6.9	7.1	7.1	7.1	7.0
72.5°	6.2	6.6	6.9	7.1	6.9	6.8	6.9	7.1	7.1	7.1	7.1
70°	7.1	6.8	7.0	7.1	7.1	7.1	7.0	7.2	7.1	7.1	7.1
67.5°	8.6	7.5	7.1	7.1	7.1	7.1	7.1	7.3	7.3	7.1	7.1
65°	16.8	11.0	7.1	7.1	7.1	7.1	7.1	7.4	7.5	7.4	7.1
62.5°	23.5	16.8	11.4	8.1	7.1	7.1	7.1	7.5	7.8	7.7	7.4
60°	28.5	20.8	15.6	11.7	8.5	7.1	7.2	7.5	7.8	8.1	7.7
57.5°	27.5	23.0	19.0	14.9	11.1	8.2	7.3	7.6	7.9	8.2	8.1
55°	24.2	20.8	21.1	17.7	13.5	10.0	7.9	7.7	8.0	8.3	8.5
52.5°	18.9	19.6	21.1	19.8	15.9	11.7	9.3	7.8	8.1	8.3	8.5
50°	15.3	18.1	21.1	21.4	18.1	13.8	10.5	8.7	8.1	8.4	8.5
47.5°	15.7	18.2	20.3	22.9	20.7	15.6	12.0	9.5	8.2	8.5	8.5
45°	18.1	20.0	20.9	22.5	23.0	17.5	13.3	10.3	8.8	8.5	8.5
42.5°	21.4	23.1	23.6	22.5	22.9	19.0	14.4	11.2	9.3	8.6	8.6
40°	29.3	27.0	27.1	26.6	23.3	20.2	15.5	12.0	9.7	8.9	8.7
37.5°	38.6	34.0	31.4	34.0	26.1	21.3	16.2	12.6	10.2	9.3	8.8
35°	50.6	43.4	41.3	43.6	35.3	23.2	16.6	13.0	11.3	9.7	9.0
32.5°	64.2	63.0	62.6	54.5	47.2	25.8	17.9	14.6	12.5	10.0	9.2
30°	96.7	97.6	92.4	67.3	60.3	36.6	21.0	16.5	13.8	10.4	9.4
27.5°	151.6	138.4	129.2	93.6	72.4	49.8	25.4	18.7	15.3	11.0	9.7
25°	210.4	187.8	168.9	129.1	85.8	67.0	29.7	21.1	17.1	12.2	10.0
22.5°	279.7	238.5	212.7	169.6	107.3	86.1	38.9	24.8	19.0	13.4	10.3
20°	348.8	288.8	260.5	208.0	138.7	104.0	53.7	28.4	21.0	14.7	10.5
17.5°	426.4	352.6	312.2	246.7	173.0	123.8	69.2	31.8	23.0	15.9	10.8
15°	579.6	432.5	368.8	289.5	204.8	145.1	85.2	35.0	25.2	17.2	11.1
12.5°	765.0	512.3	429.4	335.1	233.9	167.4	101.3	38.1	27.3	18.5	11.6
10°	969.0	591.3	492.6	382.2	260.4	190.1	116.9	42.6	29.9	19.9	12.2
7.5°	1182.0	668.5	556.9	429.3	290.0	225.0	155.0	50.6	32.5	21.1	12.7
5°	1389.4	742.3	626.8	499.4	346.8	271.6	197.9	58.9	35.0	22.2	13.2
2.5°	1564.3	810.3	696.5	569.2	402.4	316.5	240.4	67.1	37.4	23.2	13.7
0°	1714.6	873.6	761.7	634.3	455.9	359.6	280.3	75.0	39.6	24.1	14.2
-2.5°	1597.6	877.5	769.2	659.1	496.0	394.4	302.6	95.0	51.4	30.4	17.1
-5°	1460.5	877.8	774.4	680.1	533.2	426.5	320.1	113.9	62.7	36.5	19.8
-7.5°	1453.1	881.4	780.7	697.2	567.1	455.1	332.6	131.0	73.2	42.0	22.3
-10°	1435.0	885.2	788.3	700.6	574.0	465.9	338.0	146.1	82.5	46.9	24.5
-12.5°	1361.6	884.9	794.6	699.5	572.1	460.7	327.5	157.9	90.7	51.0	26.4
-15°	1225.3	880.3	799.9	693.6	565.3	453.2	315.3	167.1	99.3	55.5	27.7
-17.5°	1009.8	871.6	804.6	682.7	553.2	443.5	302.2	174.1	106.5	60.7	29.8
-20°	912.8	842.3	805.1	666.9	535.4	431.7	289.0	178.7	112.0	64.6	32.2



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	849.8	798.4	751.9	645.4	515.4	417.9	276.4	180.8	115.9	67.1	33.7
-25°	782.0	752.3	697.3	600.4	496.9	396.9	270.6	180.2	117.9	68.1	34.2
-27.5°	725.7	702.5	650.2	557.1	469.2	378.6	268.5	181.8	118.4	67.5	33.7
-30°	673.0	654.2	603.4	517.9	440.0	350.9	263.1	181.1	117.6	66.5	32.1
-32.5°	642.3	617.1	558.6	484.2	407.8	322.1	247.3	177.8	114.5	64.7	31.3
-35°	626.0	581.6	517.8	449.4	374.3	297.6	227.6	172.0	109.2	61.2	30.4
-37.5°	607.6	544.6	479.0	413.2	340.5	271.9	210.2	156.8	101.5	56.1	28.7
-40°	565.7	504.6	440.7	376.3	310.0	245.2	191.1	140.5	93.6	49.3	26.2
-42.5°	521.6	461.2	400.9	339.4	279.8	222.4	170.6	122.9	81.3	44.2	23.0
-45°	473.1	416.6	360.0	305.1	249.4	198.0	149.9	104.7	67.8	39.5	20.5
-47.5°	423.5	371.9	320.9	270.2	220.8	172.4	128.0	88.7	53.6	33.8	19.8
-50°	375.8	328.9	283.1	237.8	191.4	147.0	106.0	71.9	45.4	26.6	18.9
-52.5°	336.7	288.5	247.8	206.3	162.3	120.2	86.4	55.1	36.8	23.2	17.8
-55°	298.1	251.6	214.5	173.1	131.8	96.7	65.9	44.9	27.8	21.4	16.5
-57.5°	263.2	218.2	177.1	137.5	103.5	73.4	50.7	34.4	24.1	19.5	15.7
-60°	225.7	176.9	136.2	105.1	76.5	54.2	38.5	26.2	21.9	17.8	14.8
-62.5°	173.6	132.3	100.8	74.1	54.9	40.1	27.7	23.7	19.7	16.7	13.8
-65°	123.7	92.6	66.5	52.5	38.8	28.6	24.9	21.1	18.2	15.5	12.9
-67.5°	75.1	60.6	46.7	34.2	28.9	25.5	22.0	19.3	16.8	14.3	12.2
-70°	50.2	37.9	31.7	28.5	25.4	22.4	20.0	17.8	15.4	13.3	11.4
-72.5°	34.2	30.8	27.6	24.8	22.2	20.0	18.1	16.2	14.2	12.3	10.6
-75°	28.5	25.8	23.3	21.1	19.1	17.5	16.1	14.6	12.9	11.2	10.1
-77.5°	22.6	20.7	18.9	17.5	16.2	15.1	14.0	13.0	11.6	10.6	9.6
-80°	17.7	16.6	15.4	14.3	13.4	12.7	12.2	11.7	10.8	9.9	9.2
-82.5°	13.9	13.1	12.3	11.5	11.2	11.0	10.8	10.6	9.9	9.2	8.7
-85°	11.0	10.4	9.7	9.1	9.1	9.2	9.5	9.7	9.2	8.7	8.3
-87.5°	9.2	8.9	8.7	8.5	8.7	8.9	9.0	9.1	8.7	8.3	7.9
-90°	4.6	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.1	6.4	6.8



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
67.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
65°	7.2	7.2	7.1	7.1	7.1	7.1	7.1
62.5°	7.3	7.3	7.1	7.1	7.1	7.1	7.1
60°	7.4	7.4	7.1	7.1	7.1	7.1	7.1
57.5°	7.6	7.5	7.2	7.1	7.1	7.1	7.1
55°	7.9	7.7	7.4	7.1	7.1	7.1	7.1
52.5°	8.1	7.8	7.5	7.1	7.1	7.1	7.1
50°	8.3	8.0	7.7	7.1	7.1	7.1	7.1
47.5°	8.5	8.1	7.8	7.1	7.1	7.1	7.1
45°	8.5	8.2	8.0	7.3	7.1	7.1	7.1
42.5°	8.5	8.3	8.2	7.4	7.1	7.1	7.1
40°	8.5	8.4	8.3	7.5	7.1	7.1	7.1
37.5°	8.5	8.5	8.4	7.6	7.1	7.1	7.1
35°	8.5	8.5	8.4	7.7	7.1	7.1	7.1
32.5°	8.5	8.5	8.5	7.8	7.1	7.1	7.1
30°	8.7	8.5	8.5	7.9	7.1	7.1	7.1
27.5°	8.8	8.5	8.5	8.0	7.1	7.1	7.1
25°	9.0	8.5	8.5	8.1	7.1	7.1	7.1
22.5°	9.2	8.5	8.5	8.2	7.1	7.1	7.1
20°	9.4	8.6	8.5	8.2	7.1	7.1	7.1
17.5°	9.6	8.8	8.5	8.3	7.1	7.1	7.1
15°	9.9	8.9	8.5	8.4	7.1	7.1	7.1
12.5°	10.2	9.1	8.5	8.4	7.1	7.1	7.1
10°	10.4	9.2	8.5	8.4	7.1	7.1	7.1
7.5°	10.7	9.4	8.5	8.5	7.1	7.1	7.1
5°	10.9	9.6	8.5	8.5	7.1	7.1	7.1
2.5°	11.1	9.7	8.5	8.5	7.1	7.1	7.1
0°	11.3	9.9	8.5	8.5	7.1	7.1	7.1
-2.5°	12.1	10.0	8.6	8.5	7.2	7.1	7.1
-5°	12.8	10.2	8.7	8.5	7.2	7.1	7.1
-7.5°	13.4	10.3	8.9	8.5	7.3	7.1	7.1
-10°	14.0	10.4	9.0	8.5	7.3	7.1	7.1
-12.5°	14.5	10.5	9.1	8.4	7.4	7.1	7.1
-15°	14.8	10.6	9.1	8.4	7.4	7.1	7.1
-17.5°	15.0	10.6	9.2	8.4	7.5	7.1	7.1
-20°	15.5	10.7	9.2	8.4	7.5	7.1	7.1



REPORT NUMBER: P1306398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.5	10.7	9.2	8.4	7.6	7.1	7.1
-25°	17.0	11.0	9.2	8.4	7.6	7.1	7.1
-27.5°	17.1	11.3	9.2	8.4	7.6	7.1	7.1
-30°	16.8	11.5	9.2	8.4	7.6	7.1	7.1
-32.5°	15.9	11.7	9.2	8.4	7.6	7.1	7.1
-35°	15.7	11.7	9.3	8.4	7.6	7.1	7.1
-37.5°	15.8	11.7	9.3	8.4	7.6	7.1	7.1
-40°	15.7	11.7	9.2	8.5	7.6	7.1	7.1
-42.5°	15.4	11.6	9.2	8.5	7.5	7.1	7.1
-45°	15.0	11.5	9.3	8.6	7.5	7.1	7.1
-47.5°	14.4	11.3	9.3	8.6	7.5	7.1	7.1
-50°	14.0	11.0	9.3	8.5	7.4	7.1	7.1
-52.5°	13.6	10.7	9.3	8.4	7.3	7.1	7.1
-55°	13.1	10.5	9.2	8.3	7.3	7.1	7.1
-57.5°	12.5	10.3	9.1	8.1	7.2	7.1	7.1
-60°	11.8	10.1	9.0	8.0	7.1	7.1	7.1
-62.5°	11.4	9.9	8.8	7.9	7.1	7.1	7.1
-65°	11.0	9.6	8.6	7.7	7.1	7.1	7.1
-67.5°	10.4	9.3	8.4	7.6	7.1	7.1	7.1
-70°	9.9	9.0	8.2	7.4	7.1	7.1	7.1
-72.5°	9.5	8.8	8.0	7.4	7.1	7.1	7.1
-75°	9.2	8.5	7.8	7.3	7.1	7.1	7.1
-77.5°	8.9	8.2	7.7	7.3	7.1	7.1	7.1
-80°	8.5	8.0	7.6	7.3	7.1	7.1	7.1
-82.5°	8.2	7.8	7.5	7.2	7.1	7.1	7.1
-85°	7.8	7.6	7.3	7.2	7.1	7.1	7.1
-87.5°	7.5	7.3	7.2	7.1	7.1	7.1	7.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1

(END OF REPORT)