

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: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-2S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

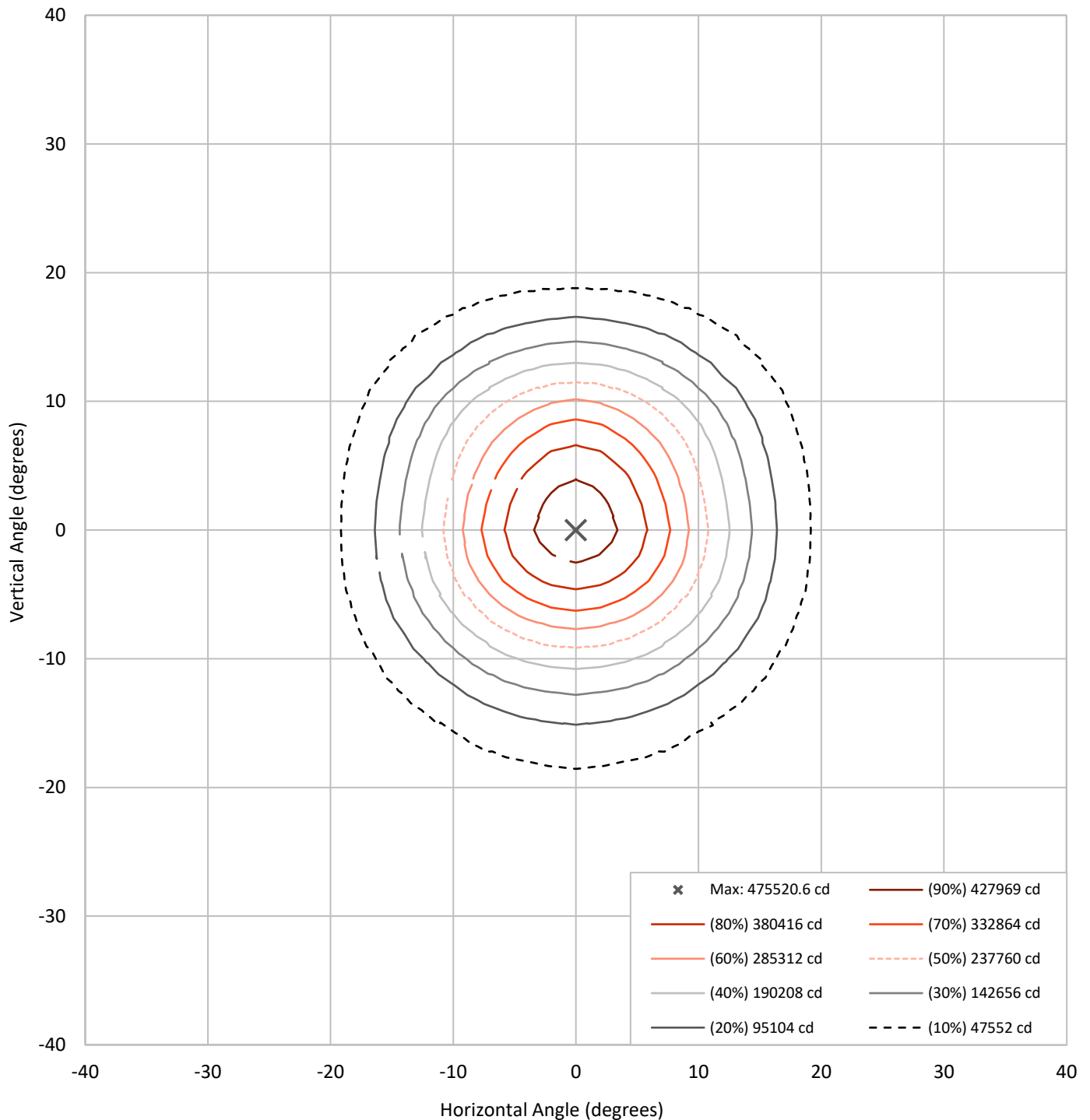
Test Method: LM-79-08  
Report Number: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-80-2S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 2S 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:	76892.1 lumens	Max Intensity:	475520.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	35705.2 lumens	Field Lumens:	65002.9 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	711		
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: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

### Iso-Candela Plot





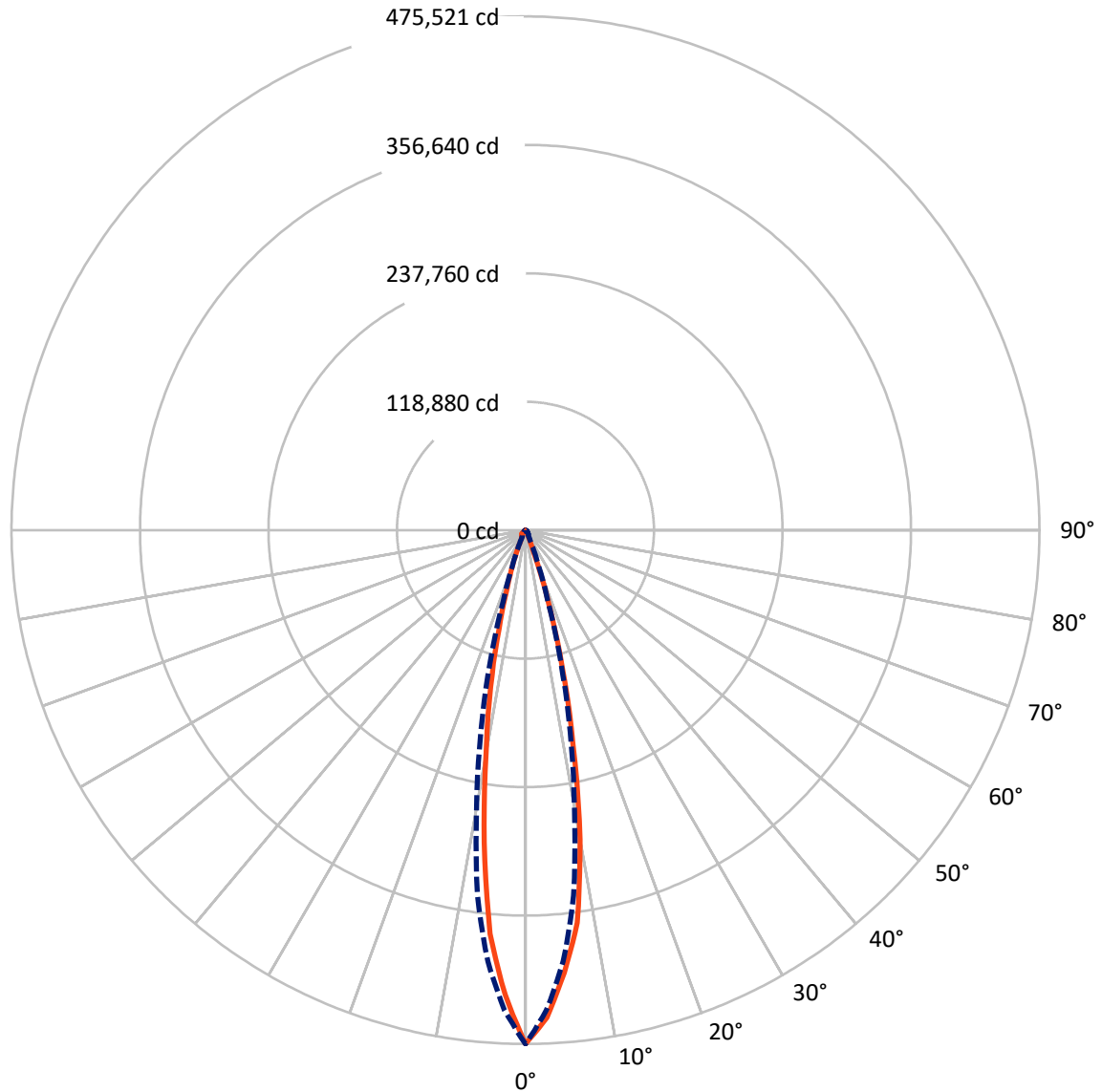
REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

### Lumen Table

90	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
80	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
70	0.1	0.1	0.2	0.7	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.7	0.2	0.1	0.1			
60		0.1	0.4	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.4	0.6	1.0	1.8	1.1	1.1	1.8	1.0	0.6	0.4	0.4	0.2	0.2			
40		0.3	1.0	2.7	5.1	7.4	10.2	12.3	12.3	10.2	7.4	5.1	2.7	1.0	0.3				
30	0.3	0.6	4.9	15.5	36.8	55.8	96.6	183.1	183.1	96.6	55.8	36.8	15.5	4.9	0.6	0.3			
20		1.4	10.3	41.1	94.2	176.1	1150.4	3564.8	3564.8	1150.4	176.1	94.2	41.1	10.3	1.4				
10	0.4	2.2	13.4	55.2	111.9	352.9	3381.2	10133.6	10133.6	3381.2	352.9	111.9	55.2	13.4	2.2	0.4			
0		2.8	14.3	55.3	111.6	336.4	3180.1	9216.3	9216.3	3180.1	336.4	111.6	55.3	14.3	2.8				
-10	0.6	3.3	13.7	44.3	94.4	163.6	935.5	2708.8	2708.8	935.5	163.6	94.4	44.3	13.7	3.3	0.6			
-20		3.3	12.9	31.4	84.6	126.3	191.8	370.8	370.8	191.8	126.3	84.6	31.4	12.9	3.3				
-30	0.5	2.9	11.1	23.6	59.0	122.6	159.2	178.0	178.0	159.2	122.6	59.0	23.6	11.1	2.9	0.5			
-40		2.1	8.3	19.4	34.9	59.1	101.0	134.6	134.6	101.0	59.1	34.9	19.4	8.3	2.1				
-50	0.3	1.0	5.0	12.8	24.9	37.6	49.0	55.4	55.4	49.0	37.6	24.9	12.8	5.0	1.0	0.3			
-60		0.4	1.7	5.2	10.9	17.5	24.1	27.9	27.9	24.1	17.5	10.9	5.2	1.7	0.4				
-70	0.2	1.2	3.7	8.6	11.6	8.6	3.7	1.2	0.2							0.2			
-80		1.2	3.7	8.6	11.6	8.6	3.7	1.2	0.2										
-90	0.2	1.2	3.7	8.6	11.6	8.6	3.7	1.2	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

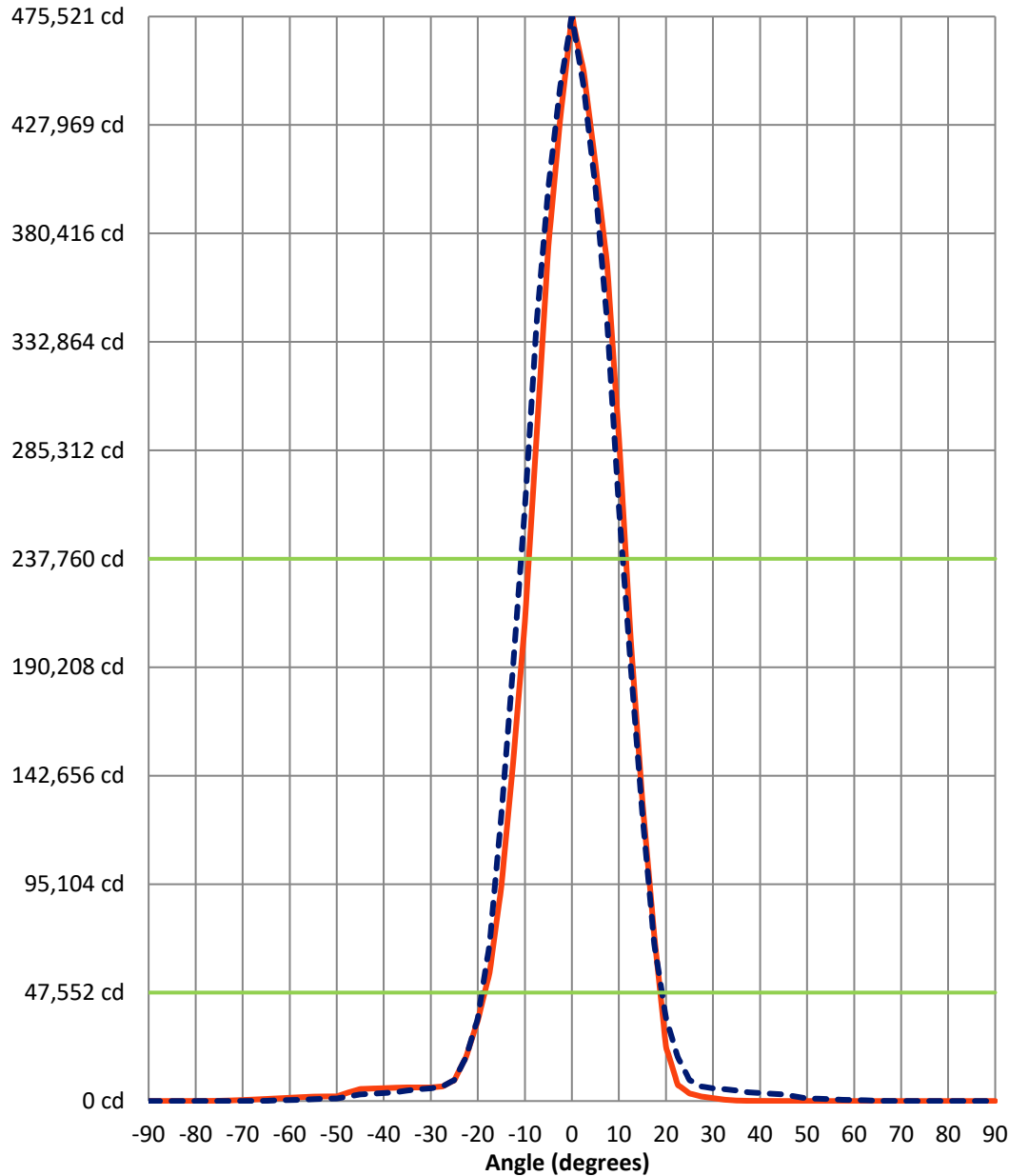
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.6°  
 V Angle: 20.7°  
 Lumens: 35705.2  
 Efficiency: 46.4%

**Field:**  
 H Angle: 38.3°  
 V Angle: 37.3°  
 Lumens: 65002.9  
 Efficiency: 84.5%

**Spill:**  
 Lumens: 11889.2  
 Efficiency: 15.5%

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



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	5.6	6.6	7.5	8.0	8.5	8.9	9.4	9.9	10.4	10.8	11.3
87.5°	5.6	5.6	5.6	5.2	4.9	4.5	4.3	4.2	4.1	4.0	3.8
85°	5.6	5.7	5.6	5.3	5.0	4.8	4.7	4.6	4.4	4.2	3.8
82.5°	5.6	5.7	5.6	5.3	5.2	5.1	5.2	5.0	4.7	4.5	4.3
80°	5.6	5.8	5.6	5.4	5.3	5.4	5.6	5.3	5.1	5.0	5.0
77.5°	5.6	5.8	5.6	5.5	5.5	5.6	5.6	5.4	5.4	5.5	5.6
75°	5.6	5.9	5.6	5.5	5.6	5.8	5.6	5.5	5.6	5.6	5.6
72.5°	5.6	5.9	5.7	5.6	5.8	5.9	5.7	5.6	5.6	5.6	5.6
70°	5.6	5.9	5.7	5.6	6.0	6.0	5.8	5.6	5.6	5.6	5.7
67.5°	5.6	6.0	5.7	5.8	6.2	6.2	5.8	5.6	5.6	5.9	5.8
65°	5.6	6.0	5.7	6.0	6.4	6.3	5.9	5.6	6.0	6.2	6.0
62.5°	5.6	6.1	5.8	6.2	6.6	6.3	5.9	5.9	6.5	6.5	6.1
60°	5.6	6.1	5.9	6.4	6.8	6.4	6.0	6.4	6.9	6.6	6.2
57.5°	5.6	6.2	6.0	6.6	6.8	6.4	6.4	7.0	7.1	6.7	6.7
55°	5.6	6.2	6.2	6.8	6.9	6.5	6.9	7.5	7.2	6.9	7.5
52.5°	5.6	6.3	6.3	7.0	6.9	6.6	7.4	7.7	7.3	7.6	8.3
50°	5.6	6.4	6.5	7.2	7.0	7.0	7.8	7.8	7.5	8.3	10.2
47.5°	5.6	6.4	6.6	7.4	7.0	7.4	8.2	7.9	8.1	9.0	12.0
45°	5.6	6.5	6.7	7.4	7.1	7.7	8.3	8.0	8.8	10.4	13.6
42.5°	5.6	6.5	6.8	7.5	7.2	8.1	8.4	8.4	9.5	11.5	15.6
40°	5.6	6.6	6.9	7.5	7.3	8.5	8.5	9.0	10.4	12.5	17.7
37.5°	5.6	6.6	7.0	7.6	7.6	8.8	8.6	9.7	11.5	14.1	19.6
35°	5.6	6.7	7.1	7.6	7.9	9.0	8.7	10.4	12.5	16.3	21.3
32.5°	5.6	6.8	7.2	7.7	8.1	9.1	8.9	11.1	13.6	18.6	23.6
30°	5.6	6.8	7.2	7.8	8.4	9.1	9.5	11.8	14.5	20.9	26.1
27.5°	5.6	6.9	7.3	7.9	8.6	9.2	10.1	12.7	15.8	23.3	28.7
25°	5.6	7.0	7.3	8.0	8.8	9.3	10.6	13.4	17.7	25.5	31.6
22.5°	5.6	7.0	7.4	8.1	8.9	9.4	11.2	14.2	19.6	27.7	36.7
20°	5.6	7.1	7.4	8.3	9.1	9.6	11.7	14.9	21.4	30.0	42.5
17.5°	5.6	7.1	7.4	8.4	9.2	9.7	12.3	15.5	23.1	32.3	48.8
15°	5.6	7.2	7.5	8.5	9.3	9.9	12.8	16.1	24.8	34.6	55.5
12.5°	5.6	7.3	7.5	8.7	9.3	10.2	13.3	16.7	26.2	36.8	62.3
10°	5.6	7.3	7.5	8.8	9.4	10.4	13.7	17.2	27.3	39.6	69.3
7.5°	5.6	7.4	7.5	9.0	9.4	10.6	14.1	17.7	28.3	42.6	76.3
5°	5.6	7.4	7.5	9.1	9.4	10.9	14.5	18.1	29.1	45.5	82.9
2.5°	5.6	7.5	7.5	9.3	9.4	11.1	14.8	18.5	29.7	48.3	88.9
0°	5.6	7.5	7.5	9.4	9.4	11.3	15.1	18.8	30.1	50.8	94.1
-2.5°	5.6	7.5	7.6	9.5	9.7	11.9	16.6	23.2	39.2	66.9	117.3
-5°	5.6	7.6	7.7	9.6	10.1	12.5	18.0	27.5	48.0	82.3	139.2
-7.5°	5.6	7.6	7.7	9.7	10.4	13.0	19.3	31.4	56.1	96.7	159.6
-10°	5.6	7.6	7.8	9.8	10.7	13.6	20.5	35.0	63.4	109.6	177.9
-12.5°	5.6	7.7	7.9	9.9	11.0	14.0	21.5	38.0	69.7	120.7	193.4
-15°	5.6	7.7	8.0	9.9	11.2	14.4	22.3	40.4	75.8	130.2	206.1
-17.5°	5.6	7.7	8.1	10.0	11.5	14.8	22.9	43.2	81.9	138.1	215.7
-20°	5.6	7.7	8.2	10.0	11.7	15.1	23.7	45.9	86.5	144.2	221.9



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.6	7.7	8.2	10.1	11.9	15.3	24.5	47.6	89.4	148.6	224.6
-25°	5.6	7.7	8.3	10.1	12.0	15.6	24.9	48.0	90.6	151.1	223.4
-27.5°	5.6	7.7	8.4	10.1	12.1	15.8	24.7	47.2	89.8	152.0	225.1
-30°	5.6	7.7	8.5	10.1	12.2	15.9	23.9	45.0	88.4	150.9	224.6
-32.5°	5.6	7.7	8.5	10.0	12.3	15.9	22.5	43.6	85.8	147.1	221.5
-35°	5.6	7.7	8.6	10.0	12.4	15.7	21.9	41.9	81.3	140.6	215.9
-37.5°	5.6	7.7	8.7	10.0	12.5	15.6	21.7	39.3	74.7	131.4	202.6
-40°	5.6	7.7	8.7	9.9	12.5	15.7	21.4	35.7	66.0	121.4	186.1
-42.5°	5.6	7.6	8.8	9.8	12.5	15.7	20.8	31.1	59.1	107.6	167.0
-45°	5.6	7.6	8.8	9.8	12.5	15.6	20.1	27.6	52.7	91.7	145.8
-47.5°	5.6	7.6	8.9	9.8	12.4	15.5	19.2	26.5	45.0	74.3	125.8
-50°	5.6	7.5	9.0	9.8	12.3	15.3	18.9	25.2	35.7	63.6	103.8
-52.5°	5.6	7.5	9.0	9.9	12.1	15.1	18.6	23.6	31.4	51.9	81.0
-55°	5.6	7.5	9.1	9.9	11.9	14.8	18.2	22.0	29.1	39.3	66.5
-57.5°	5.6	7.4	9.1	10.0	11.7	14.5	17.8	21.4	26.5	34.0	50.8
-60°	5.6	7.4	9.1	10.0	11.5	14.2	17.3	20.7	24.2	30.8	38.4
-62.5°	5.6	7.3	9.0	10.0	11.4	13.8	16.7	19.9	23.2	27.3	34.3
-65°	5.6	7.3	8.9	9.9	11.2	13.3	16.1	19.0	22.1	25.5	30.0
-67.5°	5.6	7.2	8.8	9.9	11.1	12.9	15.4	18.1	20.9	24.0	27.4
-70°	5.6	7.1	8.7	9.8	10.8	12.5	14.7	17.1	19.6	22.4	25.5
-72.5°	5.6	7.1	8.6	9.6	10.6	12.0	14.0	16.0	18.3	20.7	23.5
-75°	5.6	7.0	8.4	9.4	10.3	11.5	13.1	15.0	16.9	19.0	21.4
-77.5°	5.6	6.9	8.3	9.2	10.0	11.0	12.3	14.0	15.7	17.3	19.2
-80°	5.6	6.9	8.1	8.9	9.7	10.5	11.4	12.9	14.5	16.0	17.5
-82.5°	5.6	6.8	8.0	8.7	9.4	10.1	10.8	12.0	13.2	14.6	16.0
-85°	5.6	6.7	7.8	8.5	9.1	9.7	10.4	11.3	12.3	13.3	14.5
-87.5°	5.6	6.6	7.7	8.2	8.8	9.3	9.9	10.6	11.3	12.1	12.9
-90°	5.6	5.6	5.6	5.2	4.7	4.3	3.8	3.8	3.8	3.8	3.8



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.3	11.3	11.3	11.3	11.8	12.3	12.7	13.2	13.7	14.2	14.6
87.5°	3.5	3.3	3.1	3.0	2.8	2.5	2.2	1.9	1.9	1.9	1.9
85°	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9	1.9
82.5°	4.3	4.3	4.1	3.8	3.4	2.9	2.5	2.2	2.2	2.2	2.1
80°	5.0	4.8	4.3	3.9	3.6	3.4	3.4	3.5	3.3	3.0	2.8
77.5°	5.3	4.8	4.4	3.9	3.9	4.2	4.5	4.7	4.7	4.5	4.3
75°	5.3	4.9	4.6	4.6	4.9	5.3	5.6	5.6	5.4	5.3	5.3
72.5°	5.4	5.2	5.3	5.6	5.6	5.6	5.6	5.6	7.2	9.2	10.7
70°	5.5	5.6	5.6	5.6	5.6	6.1	8.8	12.5	16.4	18.4	20.4
67.5°	5.6	5.6	5.6	5.8	7.2	10.1	14.3	22.4	31.1	33.2	32.9
65°	5.6	5.6	6.3	7.6	9.2	16.2	25.0	35.2	42.8	41.7	38.9
62.5°	5.6	6.4	7.7	10.4	16.0	24.3	32.4	39.7	46.9	45.7	39.3
60°	6.4	7.3	10.5	16.1	22.2	28.2	35.8	40.6	45.4	46.5	35.5
57.5°	7.3	9.6	14.8	20.6	25.8	30.2	33.1	37.3	38.9	37.8	27.7
55°	8.8	12.7	18.4	23.9	27.5	26.4	28.2	29.5	29.0	26.8	19.6
52.5°	11.5	15.7	21.2	25.8	26.3	23.8	22.2	22.5	20.7	17.6	15.3
50°	13.9	18.6	23.7	26.3	25.2	21.3	17.8	17.2	16.0	14.5	13.2
47.5°	16.4	21.5	25.5	26.8	23.3	19.9	16.5	15.3	14.5	14.9	14.0
45°	18.9	23.7	27.7	25.4	22.3	19.6	18.2	15.0	16.9	18.1	18.8
42.5°	21.2	25.6	27.3	24.3	22.5	22.5	22.2	21.5	22.5	27.1	29.8
40°	23.0	27.4	27.2	26.7	24.7	28.4	31.8	34.6	34.8	40.9	45.7
37.5°	24.6	28.1	29.7	33.5	31.7	38.5	44.3	67.9	68.9	57.0	77.2
35°	26.1	29.5	39.0	49.7	54.0	52.5	85.7	116.7	124.3	111.8	132.7
32.5°	27.7	31.7	51.7	76.7	99.5	101.0	139.0	188.3	214.3	223.0	234.5
30°	30.6	43.5	71.3	110.9	165.4	210.0	228.2	281.2	329.0	424.8	491.8
27.5°	36.0	58.9	104.0	171.8	255.5	339.7	368.6	405.5	530.9	700.5	868.3
25°	42.6	91.4	141.4	252.4	380.4	473.9	510.7	560.4	797.2	1125.1	1317.9
22.5°	59.7	133.2	197.8	345.3	518.9	604.6	652.8	831.1	1193.4	1628.9	1824.2
20°	90.3	183.0	266.5	422.9	658.0	734.5	788.4	1159.6	1686.9	2100.6	2407.0
17.5°	125.6	233.0	334.7	504.7	718.2	833.3	946.0	1522.0	2204.0	2567.7	2928.6
15°	164.5	282.7	393.9	577.5	772.8	892.5	1188.3	1932.3	2671.5	3026.4	3386.3
12.5°	205.7	331.7	444.6	641.4	826.6	947.8	1408.5	2224.8	2921.3	3388.1	3820.0
10°	247.8	379.4	487.9	696.6	878.8	999.0	1614.5	2473.4	3053.7	3469.0	3958.4
7.5°	276.3	410.6	521.7	743.3	928.3	1045.9	1801.1	2678.5	3143.6	3509.5	3944.4
5°	298.7	422.3	534.6	776.6	969.1	1083.1	1948.1	2840.6	3198.2	3515.8	3871.5
2.5°	316.6	430.2	544.7	802.4	1001.6	1106.7	1996.8	2890.5	3209.1	3515.6	3836.5
0°	329.5	434.9	551.7	820.9	1028.1	1126.0	2007.2	2901.5	3200.9	3507.8	3850.5
-2.5°	341.2	448.3	573.3	836.6	1029.3	1128.2	1997.3	2888.6	3237.0	3592.8	4002.1
-5°	348.3	459.0	591.1	844.7	1025.2	1126.8	1951.8	2837.1	3233.3	3594.2	4027.1
-7.5°	351.7	467.2	604.2	843.7	1011.1	1111.5	1831.1	2672.4	3106.2	3446.2	3900.0
-10°	352.9	477.2	612.9	825.8	984.6	1085.9	1675.4	2476.8	2965.7	3284.2	3724.6
-12.5°	356.1	488.6	618.4	805.6	958.4	1056.8	1499.3	2254.7	2813.4	3110.5	3524.2
-15°	355.9	497.4	621.1	784.8	934.0	1024.1	1307.0	2009.5	2700.1	3077.5	3415.6
-17.5°	352.6	503.6	621.4	764.8	912.8	988.1	1109.1	1792.9	2606.4	3063.9	3391.9
-20°	346.4	507.2	619.4	747.1	893.2	972.9	1071.4	1583.1	2357.2	3015.6	3382.5



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	337.7	508.2	617.3	738.1	877.8	977.7	1062.3	1353.2	2028.0	2935.6	3319.5
-25°	333.0	493.3	614.8	727.6	861.4	983.6	1052.8	1141.2	1702.8	2532.6	3171.7
-27.5°	330.4	476.1	600.8	710.2	840.5	982.1	1053.6	1128.4	1427.7	2072.6	2943.3
-30°	322.7	447.7	581.7	687.4	815.8	954.4	1060.5	1119.2	1203.1	1703.4	2414.0
-32.5°	306.6	417.9	550.5	662.7	783.6	922.1	1053.3	1118.9	1190.6	1339.0	1912.5
-35°	289.6	394.6	514.6	632.0	743.9	878.4	1006.7	1116.5	1178.5	1255.3	1511.7
-37.5°	276.0	368.3	478.0	594.4	704.8	825.7	955.0	1076.3	1169.2	1246.6	1344.3
-40°	259.0	339.1	444.5	553.6	661.6	773.4	894.4	1016.5	1133.6	1251.1	1340.1
-42.5°	238.6	316.4	409.5	512.0	615.6	723.0	831.0	948.8	1085.5	1233.4	1347.6
-45°	214.3	290.0	372.9	467.9	565.2	668.5	773.0	879.4	1023.5	1175.5	1318.7
-47.5°	186.9	259.6	338.6	420.4	512.3	608.5	710.3	821.6	948.0	1093.1	1249.2
-50°	158.0	225.5	299.2	375.1	457.1	546.0	640.1	752.6	871.5	998.6	1139.5
-52.5°	130.7	188.0	256.2	328.7	402.9	482.6	570.8	671.4	782.9	901.3	1019.6
-55°	101.2	152.7	209.8	277.5	348.8	420.5	497.5	586.8	683.7	791.7	897.8
-57.5°	78.5	116.1	165.3	221.9	288.3	357.8	426.1	498.6	583.4	675.4	764.9
-60°	59.4	85.2	121.5	169.4	222.7	285.2	350.7	416.8	485.1	553.5	629.7
-62.5°	42.1	62.0	86.0	117.8	163.3	209.8	264.5	325.4	389.9	448.6	504.7
-65°	36.8	42.7	59.1	81.4	104.9	143.4	184.8	227.4	280.6	333.2	386.8
-67.5°	31.3	36.7	42.0	50.5	70.7	90.8	110.9	147.0	183.9	217.5	253.4
-70°	28.4	31.0	35.5	40.2	44.8	53.2	70.7	88.1	104.9	124.9	153.3
-72.5°	25.9	28.1	30.6	33.2	37.2	41.3	45.3	49.1	59.1	72.9	85.9
-75°	23.4	25.1	27.1	29.3	31.6	34.0	36.7	40.2	43.3	46.4	49.5
-77.5°	20.8	22.4	23.9	25.4	27.0	28.8	30.8	33.0	34.8	36.6	38.4
-80°	18.5	19.6	21.0	22.3	23.3	24.4	25.5	26.8	27.8	28.8	30.0
-82.5°	16.7	17.4	18.2	19.1	19.8	20.3	20.9	21.6	22.6	23.6	24.4
-85°	14.8	15.1	15.5	15.9	16.7	17.3	17.9	18.5	18.9	19.4	19.9
-87.5°	13.1	13.2	13.3	13.5	14.1	14.7	15.2	15.8	16.1	16.3	16.4
-90°	3.3	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	15.1	15.1	15.1	15.1	15.1	15.6	16.0	16.5	16.9	16.9	16.9
87.5°	1.9	1.8	1.8	1.7	1.7	1.3	0.9	0.5	0.0	0.0	0.0
85°	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	2.5	2.5	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	4.1	3.7	3.3	2.7	2.1	1.9	1.9	1.9	1.9	1.9	1.9
75°	5.4	5.3	5.2	4.7	3.9	3.7	3.7	3.7	3.5	3.5	3.6
72.5°	11.5	11.4	10.7	9.8	8.5	7.8	7.6	7.3	6.8	6.6	6.3
70°	20.9	20.2	19.0	16.9	14.0	12.1	11.0	9.7	8.1	7.4	7.4
67.5°	30.0	26.9	24.3	21.4	17.6	14.5	12.7	11.1	9.5	8.8	8.4
65°	34.6	27.7	23.0	19.5	16.7	14.1	12.2	10.4	8.8	7.9	7.7
62.5°	31.8	23.1	18.2	15.3	12.8	11.1	9.7	8.4	7.1	6.3	6.5
60°	26.0	17.8	13.7	12.0	10.6	9.5	8.3	7.1	6.2	5.7	6.3
57.5°	19.9	14.2	11.2	10.4	9.4	8.1	7.2	6.9	6.8	6.9	7.2
55°	14.8	12.5	11.3	10.0	8.8	7.9	7.6	7.8	7.8	7.5	7.5
52.5°	12.6	11.6	10.3	9.1	8.9	9.0	9.3	8.9	8.7	8.7	8.9
50°	12.4	11.3	10.4	9.4	9.7	9.8	9.5	9.8	10.4	10.6	10.7
47.5°	13.4	12.6	13.2	11.2	11.6	13.0	13.1	13.3	15.0	15.8	16.0
45°	17.6	21.4	21.4	19.7	19.0	27.5	28.1	23.5	38.3	36.7	25.8
42.5°	32.5	34.5	34.6	43.2	58.5	66.7	88.4	123.0	115.2	89.5	54.1
40°	53.7	51.1	62.3	80.0	97.7	118.7	148.4	207.3	197.3	158.0	173.6
37.5°	92.8	92.8	98.1	122.7	129.5	111.5	158.5	153.1	122.0	171.6	181.6
35°	169.6	186.6	158.4	196.4	201.5	185.4	194.5	214.9	185.9	222.5	238.1
32.5°	304.6	336.1	340.2	349.5	377.6	399.1	393.0	443.2	445.7	493.0	557.8
30°	486.9	552.1	619.7	630.3	665.2	721.9	750.5	851.4	958.5	1028.6	1157.3
27.5°	855.8	871.9	1007.9	1115.0	1072.3	1157.3	1369.9	1493.1	1697.7	1819.6	1949.1
25°	1374.5	1418.9	1610.4	1807.8	1834.1	1911.7	2220.6	2396.9	2607.7	2730.8	2997.9
22.5°	2032.7	2224.0	2434.9	2694.5	2801.1	2983.4	3283.6	3542.2	3981.3	4524.6	5695.4
20°	2766.0	3053.5	3337.0	3565.1	3784.7	4074.6	4440.0	5687.7	7166.1	11620.5	14694.0
17.5°	3393.4	3864.5	4135.5	4356.2	4631.8	5191.3	6641.6	10318.3	17408.6	27325.9	36403.8
15°	3881.4	4321.2	4757.0	5033.8	5464.4	6702.8	9653.6	18670.9	33363.0	50104.2	70362.6
12.5°	4268.2	4633.4	4999.5	5406.7	6202.7	8616.1	16123.4	30048.9	51413.9	78475.0	114389.6
10°	4477.2	4842.6	5195.8	5775.6	7248.9	11643.5	22164.8	40529.2	74061.5	116324.8	162095.4
7.5°	4475.7	4921.1	5358.0	6065.1	8315.3	15261.2	29281.3	54132.1	93794.9	146781.2	205706.7
5°	4473.3	5012.3	5469.9	6268.0	8982.3	17730.0	33698.7	61665.5	109862.9	169658.1	232752.8
2.5°	4516.7	5109.9	5542.3	6401.6	9291.3	19054.7	36149.1	67615.7	121096.5	182679.3	250100.9
0°	4618.8	5196.8	5584.7	6415.0	9254.5	19328.0	36434.1	69055.3	125419.9	190846.0	260032.2
-2.5°	4787.7	5184.3	5560.7	6360.8	9131.0	18764.2	35768.5	67799.5	120410.2	181758.3	248717.7
-5°	4686.0	5006.3	5339.2	6059.1	8525.4	16787.8	32219.5	60669.5	105604.9	160695.7	218055.8
-7.5°	4425.0	4749.6	5057.9	5678.8	7652.5	13853.8	26355.9	48737.3	83834.8	126739.2	171791.9
-10°	4187.1	4478.1	4768.5	5265.1	6538.7	10161.3	18859.9	34492.2	61209.0	93551.4	127980.9
-12.5°	4003.8	4248.4	4471.9	4804.8	5513.0	7536.4	13720.8	25322.9	41103.0	61693.9	86891.2
-15°	3842.6	4032.7	4197.2	4517.5	5043.9	6101.0	8549.6	15177.8	25010.3	37984.8	51743.4
-17.5°	3693.4	3875.8	4070.1	4314.1	4645.5	5153.0	6559.6	9347.6	15020.1	23495.4	31609.8
-20°	3617.2	3840.3	4007.3	4198.2	4479.5	4869.4	5363.7	6746.7	9084.8	14293.5	19569.5



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3556.9	3769.8	3960.3	4181.8	4470.7	4778.5	5045.3	5467.7	6570.8	8206.6	10930.2
-25°	3483.7	3693.4	3975.3	4297.7	4545.9	4778.6	4914.0	5002.0	5475.4	5943.0	6985.7
-27.5°	3344.5	3677.0	4090.9	4439.0	4706.0	4850.4	4959.5	5030.9	5314.6	5593.4	5896.8
-30°	3220.2	3729.8	4176.7	4581.5	4814.0	4990.4	5132.6	5261.2	5457.2	5693.3	5803.7
-32.5°	2778.8	3715.5	4212.6	4585.2	4824.0	5032.2	5251.3	5370.2	5542.9	5715.8	5855.2
-35°	2182.7	3134.5	4173.7	4387.1	4624.3	4895.6	5158.8	5328.0	5503.9	5681.9	5846.1
-37.5°	1635.1	2346.9	3189.7	3960.5	4278.7	4556.6	4879.6	5140.1	5370.3	5564.5	5751.5
-40°	1433.2	1626.3	2246.3	2858.5	3508.7	4105.4	4424.8	4773.6	5120.0	5359.8	5573.2
-42.5°	1430.9	1504.9	1568.3	1978.6	2478.8	2992.0	3535.1	4041.3	4604.9	4999.9	5299.6
-45°	1440.1	1497.7	1556.7	1616.1	1670.7	2048.3	2444.3	2845.9	3434.0	4017.9	4522.7
-47.5°	1371.6	1482.6	1553.3	1610.3	1664.4	1717.4	1769.1	1877.4	2253.4	2651.4	3015.1
-50°	1262.8	1377.3	1482.6	1588.1	1650.0	1702.4	1758.8	1820.6	1880.8	1942.0	1982.6
-52.5°	1129.5	1242.2	1351.7	1451.9	1542.0	1630.7	1719.3	1791.2	1855.5	1918.1	1949.3
-55°	1002.0	1103.4	1203.2	1291.3	1379.3	1466.7	1554.8	1642.5	1729.6	1815.0	1858.8
-57.5°	860.4	959.0	1052.8	1127.0	1201.7	1276.3	1356.3	1438.6	1518.1	1590.8	1629.2
-60°	710.3	794.7	875.1	947.1	1017.1	1084.4	1152.3	1221.0	1288.2	1347.4	1382.1
-62.5°	561.0	626.1	693.1	755.9	815.5	873.0	934.9	994.0	1049.9	1097.0	1129.8
-65°	439.2	487.9	530.8	574.2	618.4	668.8	719.9	768.1	813.3	850.7	878.7
-67.5°	298.2	343.0	382.3	419.2	453.1	487.5	524.1	559.2	592.5	620.1	641.8
-70°	180.3	205.5	227.9	252.8	282.4	311.4	340.3	367.1	391.4	411.3	427.2
-72.5°	98.0	108.6	120.1	138.0	154.5	170.9	187.2	202.0	215.5	227.5	238.0
-75°	52.7	57.3	65.6	73.0	79.6	86.3	92.7	98.6	104.0	108.3	112.0
-77.5°	40.7	42.9	44.9	46.7	48.3	49.7	51.2	52.5	53.8	55.1	56.2
-80°	31.2	32.8	34.3	35.7	37.1	38.1	38.9	39.5	40.1	40.9	41.7
-82.5°	25.1	25.8	26.5	27.2	28.0	28.7	29.5	30.3	31.0	31.3	31.6
-85°	20.5	20.8	21.1	21.3	21.5	21.8	22.0	22.2	22.3	22.4	22.5
-87.5°	16.6	16.6	16.7	16.7	16.7	17.2	17.7	18.2	18.7	18.8	18.8
-90°	1.9	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.5
87.5°	0.0	0.0	0.9	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.5
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.5	3.7
72.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.3	6.6	6.8	7.3
70°	7.4	7.4	7.5	7.5	7.5	7.4	7.4	7.4	7.4	8.1	9.7
67.5°	8.0	7.6	6.6	5.6	6.6	7.6	8.0	8.4	8.8	9.5	11.1
65°	7.6	7.5	6.6	5.6	6.6	7.5	7.6	7.7	7.9	8.8	10.4
62.5°	6.9	7.4	6.7	5.6	6.7	7.4	6.9	6.5	6.3	7.1	8.4
60°	6.8	7.4	7.5	7.5	7.5	7.4	6.8	6.3	5.7	6.2	7.1
57.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.2	6.9	6.8	6.9
55°	7.5	7.5	8.2	9.4	8.2	7.5	7.5	7.5	7.5	7.8	7.8
52.5°	9.1	9.3	9.4	9.4	9.4	9.3	9.1	8.9	8.7	8.7	8.9
50°	11.0	11.2	11.3	11.3	11.3	11.2	11.0	10.7	10.6	10.4	9.8
47.5°	16.0	15.4	15.0	15.1	15.0	15.4	16.0	16.0	15.8	15.0	13.3
45°	26.2	26.2	26.2	26.4	26.2	26.2	26.2	25.8	36.7	38.3	23.5
42.5°	52.7	47.5	43.4	45.2	43.4	47.5	52.7	54.1	89.5	115.2	123.0
40°	154.9	106.4	61.6	62.1	61.6	106.4	154.9	173.6	158.0	197.3	207.3
37.5°	144.8	116.8	105.4	103.6	105.4	116.8	144.8	181.6	171.6	122.0	153.1
35°	238.9	237.4	227.0	225.9	227.0	237.4	238.9	238.1	222.5	185.9	214.9
32.5°	582.9	606.8	599.0	589.3	599.0	606.8	582.9	557.8	493.0	445.7	443.2
30°	1218.3	1271.4	1260.6	1289.8	1260.6	1271.4	1218.3	1157.3	1028.6	958.5	851.4
27.5°	2020.8	2055.5	2019.7	2009.1	2019.7	2055.5	2020.8	1949.1	1819.6	1697.7	1493.1
25°	3180.5	3247.8	3278.8	3342.1	3278.8	3247.8	3180.5	2997.9	2730.8	2607.7	2396.9
22.5°	7150.9	7567.7	7353.6	7162.5	7353.6	7567.7	7150.9	5695.4	4524.6	3981.3	3542.2
20°	20986.0	24692.5	24419.4	23931.7	24419.4	24692.5	20986.0	14694.0	11620.5	7166.1	5687.7
17.5°	50603.4	61990.5	69081.9	72813.6	69081.9	61990.5	50603.4	36403.8	27325.9	17408.6	10318.3
15°	94404.8	113557.9	124803.5	131181.6	124803.5	113557.9	94404.8	70362.6	50104.2	33363.0	18670.9
12.5°	148917.2	178936.9	198852.2	202659.3	198852.2	178936.9	148917.2	114389.6	78475.0	51413.9	30048.9
10°	208942.6	247391.1	279100.3	290665.1	279100.3	247391.1	208942.6	162095.4	116324.8	74061.5	40529.2
7.5°	260206.3	309270.9	351376.4	366352.0	351376.4	309270.9	260206.3	205706.7	146781.2	93794.9	54132.1
5°	297483.2	362569.3	400681.7	410965.4	400681.7	362569.3	297483.2	232752.8	169658.1	109862.9	61665.5
2.5°	327826.7	389609.5	430471.3	451539.1	430471.3	389609.5	327826.7	250100.9	182679.3	121096.5	67615.7
0°	341168.2	400541.7	444610.9	475520.6	444610.9	400541.7	341168.2	260032.2	190846.0	125419.9	69055.3
-2.5°	324772.5	385490.2	416838.9	430386.6	416838.9	385490.2	324772.5	248717.7	181758.3	120410.2	67799.5
-5°	276124.6	333361.9	364869.7	374879.6	364869.7	333361.9	276124.6	218055.8	160695.7	105604.9	60669.5
-7.5°	215388.7	255042.8	282226.7	291700.7	282226.7	255042.8	215388.7	171791.9	126739.2	83834.8	48737.3
-10°	162183.0	190621.8	205189.2	210112.8	205189.2	190621.8	162183.0	127980.9	93551.4	61209.0	34492.2
-12.5°	111363.6	132772.4	142188.9	148375.3	142188.9	132772.4	111363.6	86891.2	61693.9	41103.0	25322.9
-15°	68502.8	82459.7	89874.5	94107.3	89874.5	82459.7	68502.8	51743.4	37984.8	25010.3	15177.8
-17.5°	41619.0	49205.7	54119.5	56345.8	54119.5	49205.7	41619.0	31609.8	23495.4	15020.1	9347.6
-20°	25838.2	30889.5	33758.6	35404.2	33758.6	30889.5	25838.2	19569.5	14293.5	9084.8	6746.7



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14515.1	17286.7	18840.9	19382.6	18840.9	17286.7	14515.1	10930.2	8206.6	6570.8	5467.7
-25°	8071.7	8777.1	9085.8	9158.4	9085.8	8777.1	8071.7	6985.7	5943.0	5475.4	5002.0
-27.5°	6159.7	6310.2	6405.5	6433.9	6405.5	6310.2	6159.7	5896.8	5593.4	5314.6	5030.9
-30°	5908.6	5924.3	5950.6	5946.2	5950.6	5924.3	5908.6	5803.7	5693.3	5457.2	5261.2
-32.5°	5953.5	5959.2	5964.5	5955.6	5964.5	5959.2	5953.5	5855.2	5715.8	5542.9	5370.2
-35°	5935.7	5952.7	5966.1	5972.6	5966.1	5952.7	5935.7	5846.1	5681.9	5503.9	5328.0
-37.5°	5825.9	5849.4	5860.9	5850.2	5860.9	5849.4	5825.9	5751.5	5564.5	5370.3	5140.1
-40°	5624.5	5641.5	5642.6	5633.6	5642.6	5641.5	5624.5	5573.2	5359.8	5120.0	4773.6
-42.5°	5390.9	5450.3	5478.4	5479.2	5478.4	5450.3	5390.9	5299.6	4999.9	4604.9	4041.3
-45°	4842.6	5090.8	5238.0	5274.0	5238.0	5090.8	4842.6	4522.7	4017.9	3434.0	2845.9
-47.5°	3305.8	3552.4	3712.8	3773.3	3712.8	3552.4	3305.8	3015.1	2651.4	2253.4	1877.4
-50°	2012.2	2042.1	2055.3	2052.4	2055.3	2042.1	2012.2	1982.6	1942.0	1880.8	1820.6
-52.5°	1973.2	1996.8	2011.4	2018.5	2011.4	1996.8	1973.2	1949.3	1918.1	1855.5	1791.2
-55°	1894.7	1924.3	1939.6	1943.2	1939.6	1924.3	1894.7	1858.8	1815.0	1729.6	1642.5
-57.5°	1661.4	1687.1	1701.9	1707.8	1701.9	1687.1	1661.4	1629.2	1590.8	1518.1	1438.6
-60°	1410.2	1431.8	1441.3	1442.3	1441.3	1431.8	1410.2	1382.1	1347.4	1288.2	1221.0
-62.5°	1157.0	1178.6	1185.6	1184.3	1185.6	1178.6	1157.0	1129.8	1097.0	1049.9	994.0
-65°	902.1	920.7	924.4	920.7	924.4	920.7	902.1	878.7	850.7	813.3	768.1
-67.5°	660.0	674.6	678.8	677.8	678.8	674.6	660.0	641.8	620.1	592.5	559.2
-70°	439.8	449.2	448.9	444.4	448.9	449.2	439.8	427.2	411.3	391.4	367.1
-72.5°	246.8	253.9	259.7	263.6	259.7	253.9	246.8	238.0	227.5	215.5	202.0
-75°	114.9	117.2	120.1	122.4	120.1	117.2	114.9	112.0	108.3	104.0	98.6
-77.5°	57.2	58.1	59.2	60.3	59.2	58.1	57.2	56.2	55.1	53.8	52.5
-80°	42.4	43.1	43.3	43.3	43.3	43.1	42.4	41.7	40.9	40.1	39.5
-82.5°	31.8	31.9	32.0	32.0	32.0	31.9	31.8	31.6	31.3	31.0	30.3
-85°	22.5	22.6	23.5	24.5	23.5	22.6	22.5	22.5	22.4	22.3	22.2
-87.5°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.7	18.2
-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: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.0	15.6	15.1	15.1	15.1	15.1	15.1	14.6	14.2	13.7	13.2
87.5°	0.9	1.3	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9
85°	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.2	2.2
80°	1.9	1.9	1.9	2.2	2.4	2.5	2.5	2.8	3.0	3.3	3.5
77.5°	1.9	1.9	2.1	2.7	3.3	3.7	4.1	4.3	4.5	4.7	4.7
75°	3.7	3.7	3.9	4.7	5.2	5.3	5.4	5.3	5.3	5.4	5.6
72.5°	7.6	7.8	8.5	9.8	10.7	11.4	11.5	10.7	9.2	7.2	5.6
70°	11.0	12.1	14.0	16.9	19.0	20.2	20.9	20.4	18.4	16.4	12.5
67.5°	12.7	14.5	17.6	21.4	24.3	26.9	30.0	32.9	33.2	31.1	22.4
65°	12.2	14.1	16.7	19.5	23.0	27.7	34.6	38.9	41.7	42.8	35.2
62.5°	9.7	11.1	12.8	15.3	18.2	23.1	31.8	39.3	45.7	46.9	39.7
60°	8.3	9.5	10.6	12.0	13.7	17.8	26.0	35.5	46.5	45.4	40.6
57.5°	7.2	8.1	9.4	10.4	11.2	14.2	19.9	27.7	37.8	38.9	37.3
55°	7.6	7.9	8.8	10.0	11.3	12.5	14.8	19.6	26.8	29.0	29.5
52.5°	9.3	9.0	8.9	9.1	10.3	11.6	12.6	15.3	17.6	20.7	22.5
50°	9.5	9.8	9.7	9.4	10.4	11.3	12.4	13.2	14.5	16.0	17.2
47.5°	13.1	13.0	11.6	11.2	13.2	12.6	13.4	14.0	14.9	14.5	15.3
45°	28.1	27.5	19.0	19.7	21.4	21.4	17.6	18.8	18.1	16.9	15.0
42.5°	88.4	66.7	58.5	43.2	34.6	34.5	32.5	29.8	27.1	22.5	21.5
40°	148.4	118.7	97.7	80.0	62.3	51.1	53.7	45.7	40.9	34.8	34.6
37.5°	158.5	111.5	129.5	122.7	98.1	92.8	92.8	77.2	57.0	68.9	67.9
35°	194.5	185.4	201.5	196.4	158.4	186.6	169.6	132.7	111.8	124.3	116.7
32.5°	393.0	399.1	377.6	349.5	340.2	336.1	304.6	234.5	223.0	214.3	188.3
30°	750.5	721.9	665.2	630.3	619.7	552.1	486.9	491.8	424.8	329.0	281.2
27.5°	1369.9	1157.3	1072.3	1115.0	1007.9	871.9	855.8	868.3	700.5	530.9	405.5
25°	2220.6	1911.7	1834.1	1807.8	1610.4	1418.9	1374.5	1317.9	1125.1	797.2	560.4
22.5°	3283.6	2983.4	2801.1	2694.5	2434.9	2224.0	2032.7	1824.2	1628.9	1193.4	831.1
20°	4440.0	4074.6	3784.7	3565.1	3337.0	3053.5	2766.0	2407.0	2100.6	1686.9	1159.6
17.5°	6641.6	5191.3	4631.8	4356.2	4135.5	3864.5	3393.4	2928.6	2567.7	2204.0	1522.0
15°	9653.6	6702.8	5464.4	5033.8	4757.0	4321.2	3881.4	3386.3	3026.4	2671.5	1932.3
12.5°	16123.4	8616.1	6202.7	5406.7	4999.5	4633.4	4268.2	3820.0	3388.1	2921.3	2224.8
10°	22164.8	11643.5	7248.9	5775.6	5195.8	4842.6	4477.2	3958.4	3469.0	3053.7	2473.4
7.5°	29281.3	15261.2	8315.3	6065.1	5358.0	4921.1	4475.7	3944.4	3509.5	3143.6	2678.5
5°	33698.7	17730.0	8982.3	6268.0	5469.9	5012.3	4473.3	3871.5	3515.8	3198.2	2840.6
2.5°	36149.1	19054.7	9291.3	6401.6	5542.3	5109.9	4516.7	3836.5	3515.6	3209.1	2890.5
0°	<b>36434.1</b>	<b>19328.0</b>	<b>9254.5</b>	<b>6415.0</b>	<b>5584.7</b>	<b>5196.8</b>	<b>4618.8</b>	<b>3850.5</b>	<b>3507.8</b>	<b>3200.9</b>	<b>2901.5</b>
-2.5°	35768.5	18764.2	9131.0	6360.8	5560.7	5184.3	4787.7	4002.1	3592.8	3237.0	2888.6
-5°	32219.5	16787.8	8525.4	6059.1	5339.2	5006.3	4686.0	4027.1	3594.2	3233.3	2837.1
-7.5°	26355.9	13853.8	7652.5	5678.8	5057.9	4749.6	4425.0	3900.0	3446.2	3106.2	2672.4
-10°	18859.9	10161.3	6538.7	5265.1	4768.5	4478.1	4187.1	3724.6	3284.2	2965.7	2476.8
-12.5°	13720.8	7536.4	5513.0	4804.8	4471.9	4248.4	4003.8	3524.2	3110.5	2813.4	2254.7
-15°	8549.6	6101.0	5043.9	4517.5	4197.2	4032.7	3842.6	3415.6	3077.5	2700.1	2009.5
-17.5°	6559.6	5153.0	4645.5	4314.1	4070.1	3875.8	3693.4	3391.9	3063.9	2606.4	1792.9
-20°	5363.7	4869.4	4479.5	4198.2	4007.3	3840.3	3617.2	3382.5	3015.6	2357.2	1583.1



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5045.3	4778.5	4470.7	4181.8	3960.3	3769.8	3556.9	3319.5	2935.6	2028.0	1353.2
-25°	4914.0	4778.6	4545.9	4297.7	3975.3	3693.4	3483.7	3171.7	2532.6	1702.8	1141.2
-27.5°	4959.5	4850.4	4706.0	4439.0	4090.9	3677.0	3344.5	2943.3	2072.6	1427.7	1128.4
-30°	5132.6	4990.4	4814.0	4581.5	4176.7	3729.8	3220.2	2414.0	1703.4	1203.1	1119.2
-32.5°	5251.3	5032.2	4824.0	4585.2	4212.6	3715.5	2778.8	1912.5	1339.0	1190.6	1118.9
-35°	5158.8	4895.6	4624.3	4387.1	4173.7	3134.5	2182.7	1511.7	1255.3	1178.5	1116.5
-37.5°	4879.6	4556.6	4278.7	3960.5	3189.7	2346.9	1635.1	1344.3	1246.6	1169.2	1076.3
-40°	4424.8	4105.4	3508.7	2858.5	2246.3	1626.3	1433.2	1340.1	1251.1	1133.6	1016.5
-42.5°	3535.1	2992.0	2478.8	1978.6	1568.3	1504.9	1430.9	1347.6	1233.4	1085.5	948.8
-45°	2444.3	2048.3	1670.7	1616.1	1556.7	1497.7	1440.1	1318.7	1175.5	1023.5	879.4
-47.5°	1769.1	1717.4	1664.4	1610.3	1553.3	1482.6	1371.6	1249.2	1093.1	948.0	821.6
-50°	1758.8	1702.4	1650.0	1588.1	1482.6	1377.3	1262.8	1139.5	998.6	871.5	752.6
-52.5°	1719.3	1630.7	1542.0	1451.9	1351.7	1242.2	1129.5	1019.6	901.3	782.9	671.4
-55°	1554.8	1466.7	1379.3	1291.3	1203.2	1103.4	1002.0	897.8	791.7	683.7	586.8
-57.5°	1356.3	1276.3	1201.7	1127.0	1052.8	959.0	860.4	764.9	675.4	583.4	498.6
-60°	1152.3	1084.4	1017.1	947.1	875.1	794.7	710.3	629.7	553.5	485.1	416.8
-62.5°	934.9	873.0	815.5	755.9	693.1	626.1	561.0	504.7	448.6	389.9	325.4
-65°	719.9	668.8	618.4	574.2	530.8	487.9	439.2	386.8	333.2	280.6	227.4
-67.5°	524.1	487.5	453.1	419.2	382.3	343.0	298.2	253.4	217.5	183.9	147.0
-70°	340.3	311.4	282.4	252.8	227.9	205.5	180.3	153.3	124.9	104.9	88.1
-72.5°	187.2	170.9	154.5	138.0	120.1	108.6	98.0	85.9	72.9	59.1	49.1
-75°	92.7	86.3	79.6	73.0	65.6	57.3	52.7	49.5	46.4	43.3	40.2
-77.5°	51.2	49.7	48.3	46.7	44.9	42.9	40.7	38.4	36.6	34.8	33.0
-80°	38.9	38.1	37.1	35.7	34.3	32.8	31.2	30.0	28.8	27.8	26.8
-82.5°	29.5	28.7	28.0	27.2	26.5	25.8	25.1	24.4	23.6	22.6	21.6
-85°	22.0	21.8	21.5	21.3	21.1	20.8	20.5	19.9	19.4	18.9	18.5
-87.5°	17.7	17.2	16.7	16.7	16.7	16.6	16.6	16.4	16.3	16.1	15.8
-90°	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12.7	12.3	11.8	11.3	11.3	11.3	11.3	11.3	10.8	10.4	9.9
87.5°	2.2	2.5	2.8	3.0	3.1	3.3	3.5	3.8	4.0	4.1	4.2
85°	2.4	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.2	4.4	4.6
82.5°	2.5	2.9	3.4	3.8	4.1	4.3	4.3	4.3	4.5	4.7	5.0
80°	3.4	3.4	3.6	3.9	4.3	4.8	5.0	5.0	5.0	5.1	5.3
77.5°	4.5	4.2	3.9	3.9	4.4	4.8	5.3	5.6	5.5	5.4	5.4
75°	5.6	5.3	4.9	4.6	4.6	4.9	5.3	5.6	5.6	5.6	5.5
72.5°	5.6	5.6	5.6	5.6	5.3	5.2	5.4	5.6	5.6	5.6	5.6
70°	8.8	6.1	5.6	5.6	5.6	5.6	5.5	5.7	5.6	5.6	5.6
67.5°	14.3	10.1	7.2	5.8	5.6	5.6	5.6	5.8	5.9	5.6	5.6
65°	25.0	16.2	9.2	7.6	6.3	5.6	5.6	6.0	6.2	6.0	5.6
62.5°	32.4	24.3	16.0	10.4	7.7	6.4	5.6	6.1	6.5	6.5	5.9
60°	35.8	28.2	22.2	16.1	10.5	7.3	6.4	6.2	6.6	6.9	6.4
57.5°	33.1	30.2	25.8	20.6	14.8	9.6	7.3	6.7	6.7	7.1	7.0
55°	28.2	26.4	27.5	23.9	18.4	12.7	8.8	7.5	6.9	7.2	7.5
52.5°	22.2	23.8	26.3	25.8	21.2	15.7	11.5	8.3	7.6	7.3	7.7
50°	17.8	21.3	25.2	26.3	23.7	18.6	13.9	10.2	8.3	7.5	7.8
47.5°	16.5	19.9	23.3	26.8	25.5	21.5	16.4	12.0	9.0	8.1	7.9
45°	18.2	19.6	22.3	25.4	27.7	23.7	18.9	13.6	10.4	8.8	8.0
42.5°	22.2	22.5	22.5	24.3	27.3	25.6	21.2	15.6	11.5	9.5	8.4
40°	31.8	28.4	24.7	26.7	27.2	27.4	23.0	17.7	12.5	10.4	9.0
37.5°	44.3	38.5	31.7	33.5	29.7	28.1	24.6	19.6	14.1	11.5	9.7
35°	85.7	52.5	54.0	49.7	39.0	29.5	26.1	21.3	16.3	12.5	10.4
32.5°	139.0	101.0	99.5	76.7	51.7	31.7	27.7	23.6	18.6	13.6	11.1
30°	228.2	210.0	165.4	110.9	71.3	43.5	30.6	26.1	20.9	14.5	11.8
27.5°	368.6	339.7	255.5	171.8	104.0	58.9	36.0	28.7	23.3	15.8	12.7
25°	510.7	473.9	380.4	252.4	141.4	91.4	42.6	31.6	25.5	17.7	13.4
22.5°	652.8	604.6	518.9	345.3	197.8	133.2	59.7	36.7	27.7	19.6	14.2
20°	788.4	734.5	658.0	422.9	266.5	183.0	90.3	42.5	30.0	21.4	14.9
17.5°	946.0	833.3	718.2	504.7	334.7	233.0	125.6	48.8	32.3	23.1	15.5
15°	1188.3	892.5	772.8	577.5	393.9	282.7	164.5	55.5	34.6	24.8	16.1
12.5°	1408.5	947.8	826.6	641.4	444.6	331.7	205.7	62.3	36.8	26.2	16.7
10°	1614.5	999.0	878.8	696.6	487.9	379.4	247.8	69.3	39.6	27.3	17.2
7.5°	1801.1	1045.9	928.3	743.3	521.7	410.6	276.3	76.3	42.6	28.3	17.7
5°	1948.1	1083.1	969.1	776.6	534.6	422.3	298.7	82.9	45.5	29.1	18.1
2.5°	1996.8	1106.7	1001.6	802.4	544.7	430.2	316.6	88.9	48.3	29.7	18.5
0°	2007.2	1126.0	1028.1	820.9	551.7	434.9	329.5	94.1	50.8	30.1	18.8
-2.5°	1997.3	1128.2	1029.3	836.6	573.3	448.3	341.2	117.3	66.9	39.2	23.2
-5°	1951.8	1126.8	1025.2	844.7	591.1	459.0	348.3	139.2	82.3	48.0	27.5
-7.5°	1831.1	1111.5	1011.1	843.7	604.2	467.2	351.7	159.6	96.7	56.1	31.4
-10°	1675.4	1085.9	984.6	825.8	612.9	477.2	352.9	177.9	109.6	63.4	35.0
-12.5°	1499.3	1056.8	958.4	805.6	618.4	488.6	356.1	193.4	120.7	69.7	38.0
-15°	1307.0	1024.1	934.0	784.8	621.1	497.4	355.9	206.1	130.2	75.8	40.4
-17.5°	1109.1	988.1	912.8	764.8	621.4	503.6	352.6	215.7	138.1	81.9	43.2
-20°	1071.4	972.9	893.2	747.1	619.4	507.2	346.4	221.9	144.2	86.5	45.9



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1062.3	977.7	877.8	738.1	617.3	508.2	337.7	224.6	148.6	89.4	47.6
-25°	1052.8	983.6	861.4	727.6	614.8	493.3	333.0	223.4	151.1	90.6	48.0
-27.5°	1053.6	982.1	840.5	710.2	600.8	476.1	330.4	225.1	152.0	89.8	47.2
-30°	1060.5	954.4	815.8	687.4	581.7	447.7	322.7	224.6	150.9	88.4	45.0
-32.5°	1053.3	922.1	783.6	662.7	550.5	417.9	306.6	221.5	147.1	85.8	43.6
-35°	1006.7	878.4	743.9	632.0	514.6	394.6	289.6	215.9	140.6	81.3	41.9
-37.5°	955.0	825.7	704.8	594.4	478.0	368.3	276.0	202.6	131.4	74.7	39.3
-40°	894.4	773.4	661.6	553.6	444.5	339.1	259.0	186.1	121.4	66.0	35.7
-42.5°	831.0	723.0	615.6	512.0	409.5	316.4	238.6	167.0	107.6	59.1	31.1
-45°	773.0	668.5	565.2	467.9	372.9	290.0	214.3	145.8	91.7	52.7	27.6
-47.5°	710.3	608.5	512.3	420.4	338.6	259.6	186.9	125.8	74.3	45.0	26.5
-50°	640.1	546.0	457.1	375.1	299.2	225.5	158.0	103.8	63.6	35.7	25.2
-52.5°	570.8	482.6	402.9	328.7	256.2	188.0	130.7	81.0	51.9	31.4	23.6
-55°	497.5	420.5	348.8	277.5	209.8	152.7	101.2	66.5	39.3	29.1	22.0
-57.5°	426.1	357.8	288.3	221.9	165.3	116.1	78.5	50.8	34.0	26.5	21.4
-60°	350.7	285.2	222.7	169.4	121.5	85.2	59.4	38.4	30.8	24.2	20.7
-62.5°	264.5	209.8	163.3	117.8	86.0	62.0	42.1	34.3	27.3	23.2	19.9
-65°	184.8	143.4	104.9	81.4	59.1	42.7	36.8	30.0	25.5	22.1	19.0
-67.5°	110.9	90.8	70.7	50.5	42.0	36.7	31.3	27.4	24.0	20.9	18.1
-70°	70.7	53.2	44.8	40.2	35.5	31.0	28.4	25.5	22.4	19.6	17.1
-72.5°	45.3	41.3	37.2	33.2	30.6	28.1	25.9	23.5	20.7	18.3	16.0
-75°	36.7	34.0	31.6	29.3	27.1	25.1	23.4	21.4	19.0	16.9	15.0
-77.5°	30.8	28.8	27.0	25.4	23.9	22.4	20.8	19.2	17.3	15.7	14.0
-80°	25.5	24.4	23.3	22.3	21.0	19.6	18.5	17.5	16.0	14.5	12.9
-82.5°	20.9	20.3	19.8	19.1	18.2	17.4	16.7	16.0	14.6	13.2	12.0
-85°	17.9	17.3	16.7	15.9	15.5	15.1	14.8	14.5	13.3	12.3	11.3
-87.5°	15.2	14.7	14.1	13.5	13.3	13.2	13.1	12.9	12.1	11.3	10.6
-90°	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8	3.8	3.8



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.4	8.9	8.5	8.0	7.5	6.6	5.6
87.5°	4.3	4.5	4.9	5.2	5.6	5.6	5.6
85°	4.7	4.8	5.0	5.3	5.6	5.7	5.6
82.5°	5.2	5.1	5.2	5.3	5.6	5.7	5.6
80°	5.6	5.4	5.3	5.4	5.6	5.8	5.6
77.5°	5.6	5.6	5.5	5.5	5.6	5.8	5.6
75°	5.6	5.8	5.6	5.5	5.6	5.9	5.6
72.5°	5.7	5.9	5.8	5.6	5.7	5.9	5.6
70°	5.8	6.0	6.0	5.6	5.7	5.9	5.6
67.5°	5.8	6.2	6.2	5.8	5.7	6.0	5.6
65°	5.9	6.3	6.4	6.0	5.7	6.0	5.6
62.5°	5.9	6.3	6.6	6.2	5.8	6.1	5.6
60°	6.0	6.4	6.8	6.4	5.9	6.1	5.6
57.5°	6.4	6.4	6.8	6.6	6.0	6.2	5.6
55°	6.9	6.5	6.9	6.8	6.2	6.2	5.6
52.5°	7.4	6.6	6.9	7.0	6.3	6.3	5.6
50°	7.8	7.0	7.0	7.2	6.5	6.4	5.6
47.5°	8.2	7.4	7.0	7.4	6.6	6.4	5.6
45°	8.3	7.7	7.1	7.4	6.7	6.5	5.6
42.5°	8.4	8.1	7.2	7.5	6.8	6.5	5.6
40°	8.5	8.5	7.3	7.5	6.9	6.6	5.6
37.5°	8.6	8.8	7.6	7.6	7.0	6.6	5.6
35°	8.7	9.0	7.9	7.6	7.1	6.7	5.6
32.5°	8.9	9.1	8.1	7.7	7.2	6.8	5.6
30°	9.5	9.1	8.4	7.8	7.2	6.8	5.6
27.5°	10.1	9.2	8.6	7.9	7.3	6.9	5.6
25°	10.6	9.3	8.8	8.0	7.3	7.0	5.6
22.5°	11.2	9.4	8.9	8.1	7.4	7.0	5.6
20°	11.7	9.6	9.1	8.3	7.4	7.1	5.6
17.5°	12.3	9.7	9.2	8.4	7.4	7.1	5.6
15°	12.8	9.9	9.3	8.5	7.5	7.2	5.6
12.5°	13.3	10.2	9.3	8.7	7.5	7.3	5.6
10°	13.7	10.4	9.4	8.8	7.5	7.3	5.6
7.5°	14.1	10.6	9.4	9.0	7.5	7.4	5.6
5°	14.5	10.9	9.4	9.1	7.5	7.4	5.6
2.5°	14.8	11.1	9.4	9.3	7.5	7.5	5.6
0°	15.1	11.3	9.4	9.4	7.5	7.5	5.6
-2.5°	16.6	11.9	9.7	9.5	7.6	7.5	5.6
-5°	18.0	12.5	10.1	9.6	7.7	7.6	5.6
-7.5°	19.3	13.0	10.4	9.7	7.7	7.6	5.6
-10°	20.5	13.6	10.7	9.8	7.8	7.6	5.6
-12.5°	21.5	14.0	11.0	9.9	7.9	7.7	5.6
-15°	22.3	14.4	11.2	9.9	8.0	7.7	5.6
-17.5°	22.9	14.8	11.5	10.0	8.1	7.7	5.6
-20°	23.7	15.1	11.7	10.0	8.2	7.7	5.6



REPORT NUMBER: P1306305 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.5	15.3	11.9	10.1	8.2	7.7	5.6
-25°	24.9	15.6	12.0	10.1	8.3	7.7	5.6
-27.5°	24.7	15.8	12.1	10.1	8.4	7.7	5.6
-30°	23.9	15.9	12.2	10.1	8.5	7.7	5.6
-32.5°	22.5	15.9	12.3	10.0	8.5	7.7	5.6
-35°	21.9	15.7	12.4	10.0	8.6	7.7	5.6
-37.5°	21.7	15.6	12.5	10.0	8.7	7.7	5.6
-40°	21.4	15.7	12.5	9.9	8.7	7.7	5.6
-42.5°	20.8	15.7	12.5	9.8	8.8	7.6	5.6
-45°	20.1	15.6	12.5	9.8	8.8	7.6	5.6
-47.5°	19.2	15.5	12.4	9.8	8.9	7.6	5.6
-50°	18.9	15.3	12.3	9.8	9.0	7.5	5.6
-52.5°	18.6	15.1	12.1	9.9	9.0	7.5	5.6
-55°	18.2	14.8	11.9	9.9	9.1	7.5	5.6
-57.5°	17.8	14.5	11.7	10.0	9.1	7.4	5.6
-60°	17.3	14.2	11.5	10.0	9.1	7.4	5.6
-62.5°	16.7	13.8	11.4	10.0	9.0	7.3	5.6
-65°	16.1	13.3	11.2	9.9	8.9	7.3	5.6
-67.5°	15.4	12.9	11.1	9.9	8.8	7.2	5.6
-70°	14.7	12.5	10.8	9.8	8.7	7.1	5.6
-72.5°	14.0	12.0	10.6	9.6	8.6	7.1	5.6
-75°	13.1	11.5	10.3	9.4	8.4	7.0	5.6
-77.5°	12.3	11.0	10.0	9.2	8.3	6.9	5.6
-80°	11.4	10.5	9.7	8.9	8.1	6.9	5.6
-82.5°	10.8	10.1	9.4	8.7	8.0	6.8	5.6
-85°	10.4	9.7	9.1	8.5	7.8	6.7	5.6
-87.5°	9.9	9.3	8.8	8.2	7.7	6.6	5.6
-90°	3.8	4.3	4.7	5.2	5.6	5.6	5.6

(END OF REPORT)