

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: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-4S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

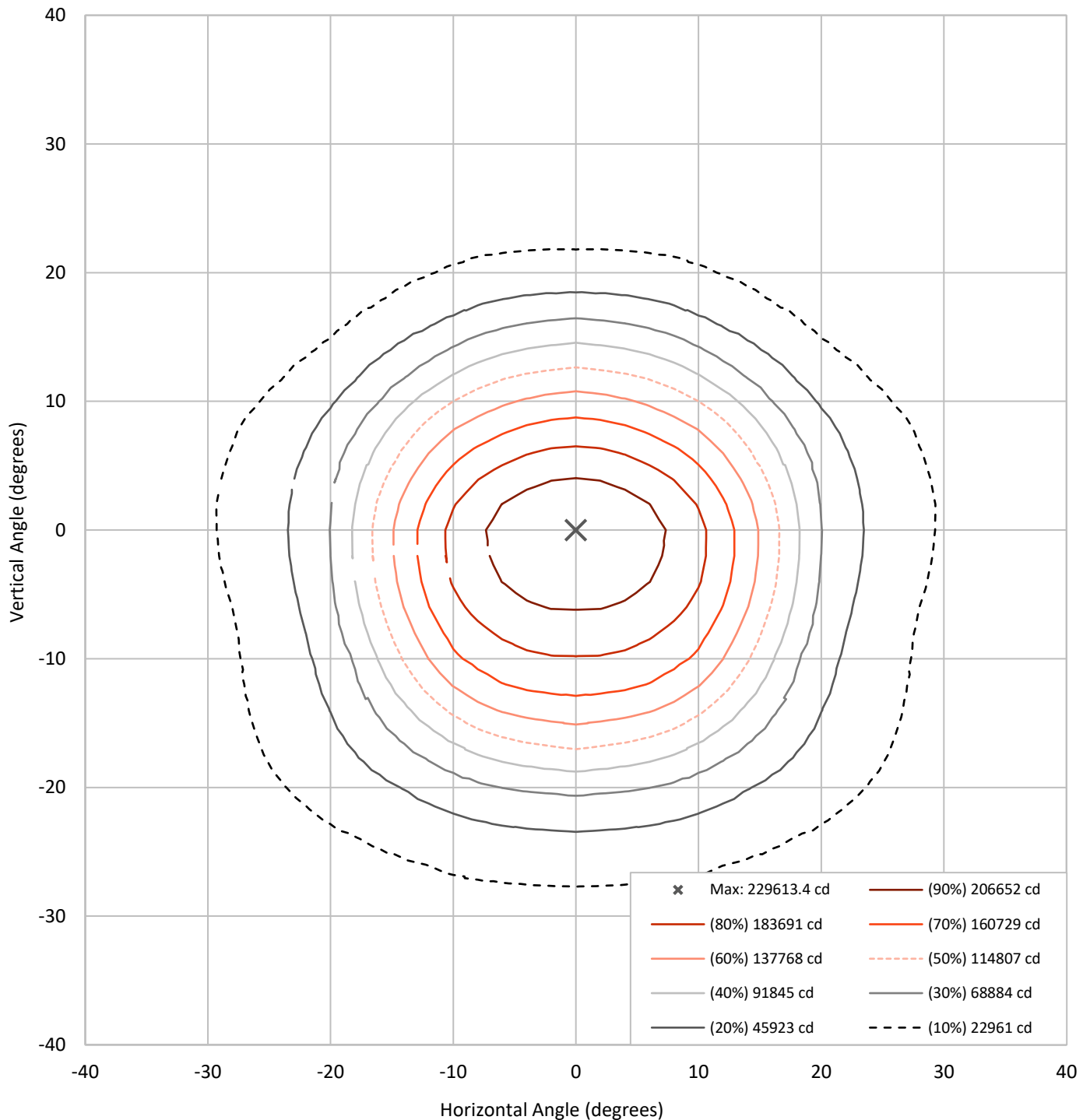
Test Method: LM-79-08  
Report Number: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-80-4S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	73486.6 lumens	Max Intensity:	229613.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	40324.5 lumens	Field Lumens:	64608.6 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	688		
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: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

### Iso-Candela Plot





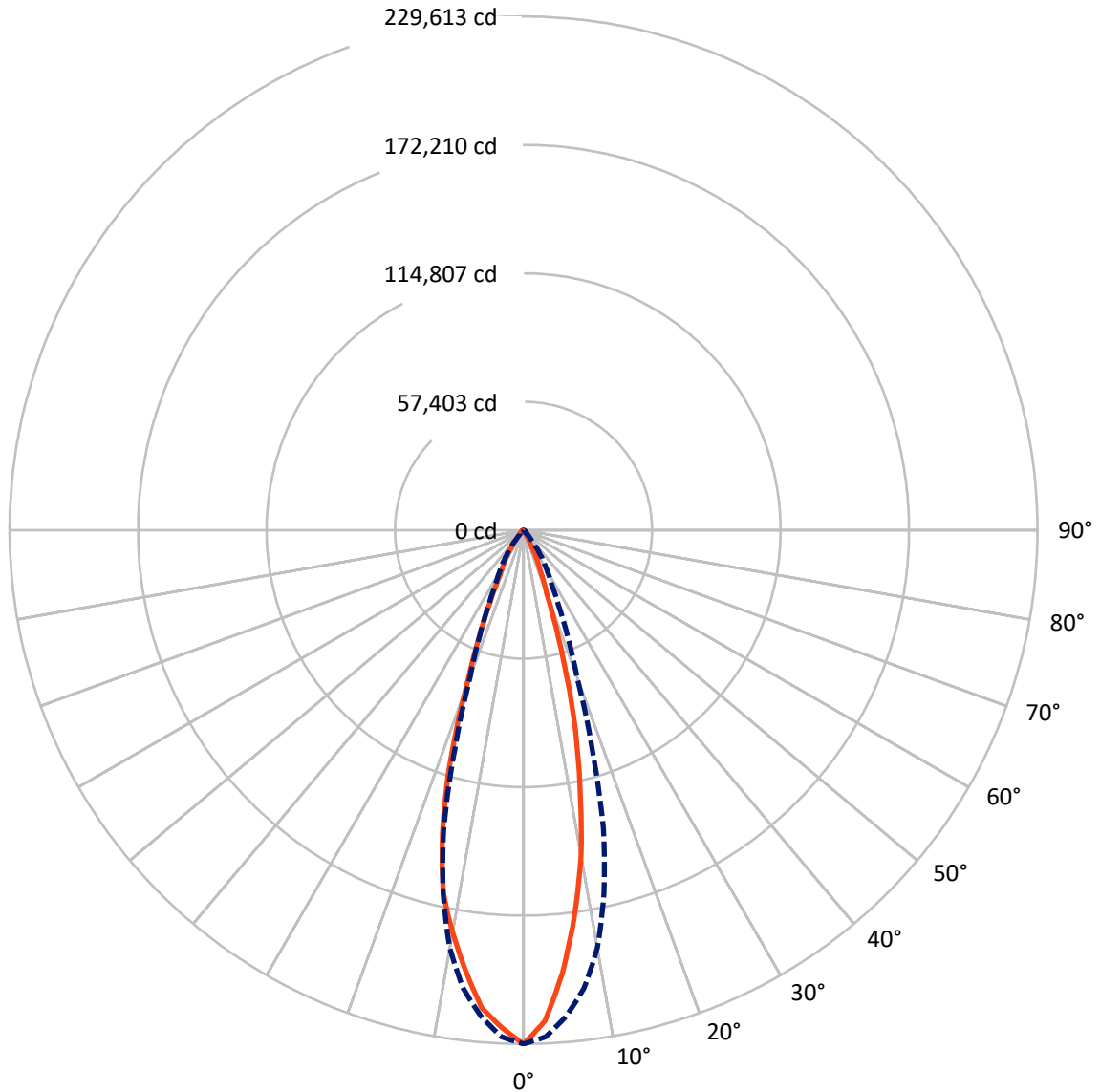
REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

### Lumen Table

90	0.2	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.2										
80	0.2	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.2										
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.2	0.1	0.2			
60		0.1	0.3	0.8	0.8	0.4	0.3	0.4	0.4	0.3	0.4	0.8	0.8	0.3	0.1				
50	0.2	0.2	0.4	0.6	0.7	0.9	1.2	1.4	1.4	1.2	0.9	0.7	0.6	0.4	0.2	0.2			
40		0.2	0.8	1.8	3.1	6.9	13.9	19.1	19.1	13.9	6.9	3.1	1.8	0.8	0.2				
30	0.2	0.4	2.7	7.2	26.9	98.0	232.1	392.6	392.6	232.1	98.0	26.9	7.2	2.7	0.4	0.2			
20		0.9	6.0	19.4	119.0	411.9	1264.0	2388.2	2388.2	1264.0	411.9	119.0	19.4	6.0	0.9				
10	0.3	1.7	10.3	36.5	277.1	987.0	3273.9	5531.7	5531.7	3273.9	987.0	277.1	36.5	10.3	1.7	0.3			
0		2.8	13.7	43.3	288.8	1017.8	3674.5	6073.1	6073.1	3674.5	1017.8	288.8	43.3	13.7	2.8				
-10	0.5	3.3	13.9	37.3	225.4	750.3	2194.5	3833.9	3833.9	2194.5	750.3	225.4	37.3	13.9	3.3	0.5			
-20		3.0	12.0	25.6	97.4	356.1	741.2	1109.2	1109.2	741.2	356.1	97.4	25.6	12.0	3.0				
-30	0.4	2.4	9.1	17.8	33.4	96.2	218.4	308.5	308.5	218.4	96.2	33.4	17.8	9.1	2.4	0.4			
-40		1.5	6.2	13.5	22.0	33.4	49.0	64.1	64.1	49.0	33.4	22.0	13.5	6.2	1.5				
-50	0.3	0.7	3.2	8.9	16.3	23.5	30.2	34.1	34.1	30.2	23.5	16.3	8.9	3.2	0.7	0.3			
-60		0.3	1.2	3.6	7.9	13.6	19.5	22.9	22.9	19.5	13.6	7.9	3.6	1.2	0.3				
-70																			
-80	0.2	0.8	2.9	7.7	10.9	7.7	2.9	0.8	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

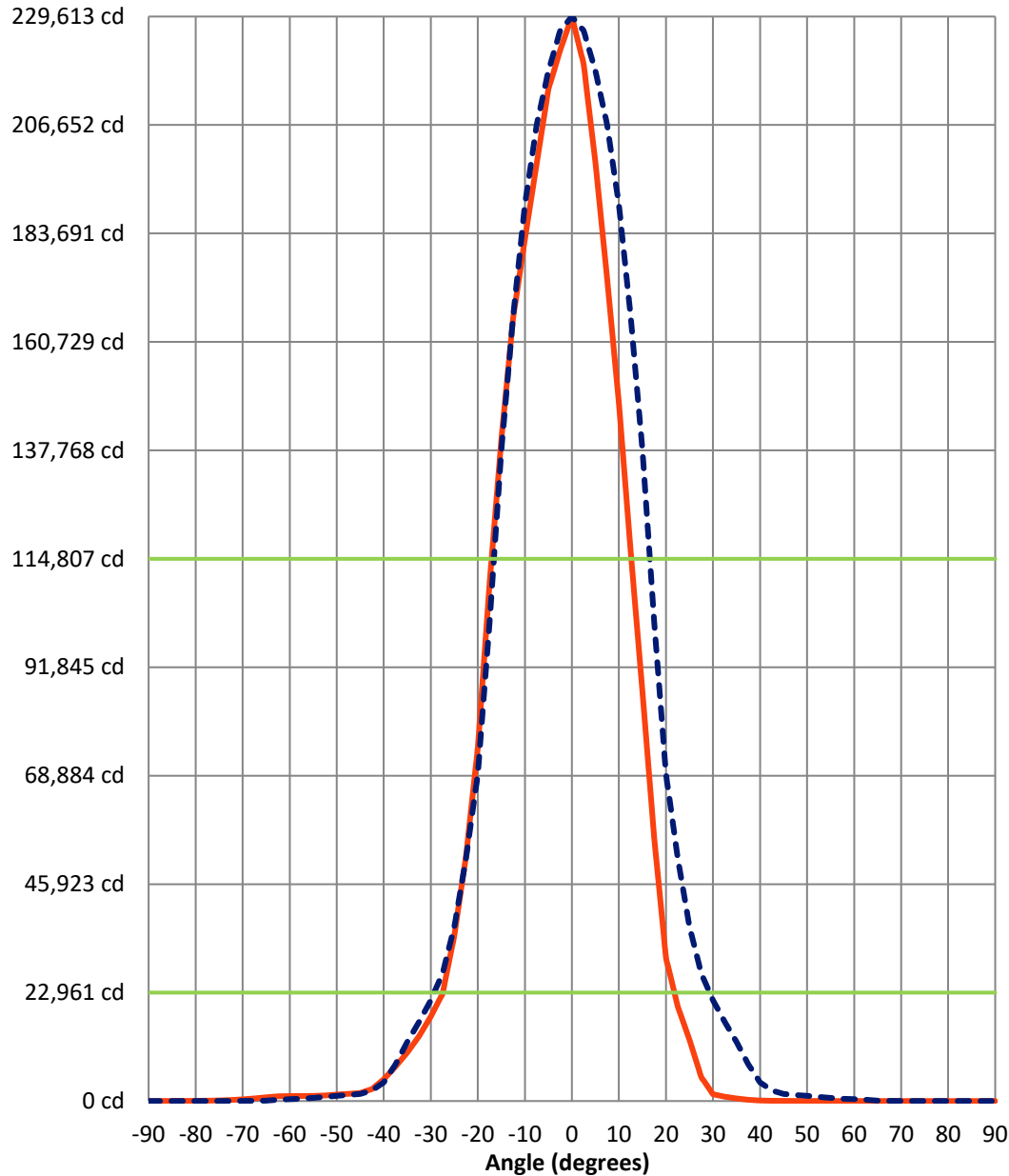
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.2°  
 V Angle: 29.7°  
 Lumens: 40324.5  
 Efficiency: 54.9%

**Field:**  
 H Angle: 58.6°  
 V Angle: 49.3°  
 Lumens: 64608.6  
 Efficiency: 87.9%

**Spill:**  
 Lumens: 8878  
 Efficiency: 12.1%

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



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.4	8.5	8.4	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.2	8.7	8.9	8.9	8.6	8.2
75°	8.1	8.1	8.1	8.1	8.2	8.7	9.2	9.4	9.2	8.7	8.3
72.5°	8.1	8.1	8.1	8.1	8.5	9.1	9.7	9.8	9.3	8.8	8.3
70°	8.1	8.1	8.1	8.1	8.8	9.5	10.1	9.8	9.3	8.9	8.9
67.5°	8.1	8.1	8.1	8.4	9.1	9.9	10.1	9.9	9.4	9.3	9.6
65°	8.1	8.1	8.1	8.6	9.5	10.1	10.1	9.9	9.7	9.8	10.1
62.5°	8.1	8.1	8.1	8.9	9.8	10.1	10.1	10.0	9.9	10.1	10.1
60°	8.1	8.1	8.1	9.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
57.5°	8.1	8.1	8.2	9.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1
55°	8.1	8.1	8.4	9.5	10.1	10.1	10.1	10.1	10.1	10.1	10.1
52.5°	8.1	8.1	8.5	9.7	10.1	10.1	10.1	10.1	10.1	10.1	10.1
50°	8.1	8.1	8.7	10.0	10.1	10.1	10.1	10.1	10.1	10.1	11.0
47.5°	8.1	8.1	8.8	10.1	10.1	10.1	10.1	10.1	10.1	10.1	11.9
45°	8.1	8.1	8.9	10.1	10.1	10.1	10.1	10.1	10.2	10.7	12.7
42.5°	8.1	8.1	9.0	10.1	10.1	10.1	10.1	10.2	10.3	11.3	13.2
40°	8.1	8.1	9.2	10.1	10.1	10.1	10.1	10.3	10.6	11.8	13.6
37.5°	8.1	8.1	9.3	10.1	10.1	10.1	10.1	10.5	11.2	12.4	14.0
35°	8.1	8.1	9.4	10.1	10.1	10.1	10.1	10.8	11.8	13.1	14.4
32.5°	8.1	8.1	9.5	10.1	10.1	10.1	10.2	11.0	12.3	13.7	15.4
30°	8.1	8.1	9.6	10.1	10.1	10.1	10.4	11.4	12.9	14.3	16.6
27.5°	8.1	8.1	9.6	10.1	10.1	10.1	10.6	11.8	13.4	14.9	18.2
25°	8.1	8.1	9.7	10.1	10.1	10.1	10.8	12.3	13.9	15.9	20.2
22.5°	8.1	8.1	9.8	10.1	10.1	10.1	11.1	12.7	14.3	17.3	24.4
20°	8.1	8.1	9.9	10.1	10.1	10.3	11.3	13.1	14.8	18.9	28.7
17.5°	8.1	8.1	9.9	10.1	10.1	10.5	11.6	13.4	15.2	20.5	33.1
15°	8.1	8.1	10.0	10.1	10.1	10.7	11.8	13.8	15.6	22.2	37.4
12.5°	8.1	8.1	10.0	10.1	10.1	10.9	11.9	14.2	16.6	23.9	41.6
10°	8.1	8.1	10.0	10.1	10.1	11.1	12.0	14.6	18.5	27.9	47.5
7.5°	8.1	8.1	10.1	10.1	10.1	11.4	12.1	15.1	20.4	32.2	57.1
5°	8.1	8.1	10.1	10.1	10.1	11.6	12.1	15.5	22.4	36.4	66.8
2.5°	8.1	8.1	10.1	10.1	10.1	11.9	12.1	15.9	24.4	40.6	76.1
0°	8.1	8.1	10.1	10.1	10.1	12.1	12.1	16.2	26.3	44.5	85.0
-2.5°	8.1	8.1	10.1	10.1	10.1	12.1	13.2	19.3	33.9	59.0	110.0
-5°	8.1	8.1	10.1	10.1	10.1	12.1	14.2	22.3	41.2	72.7	133.5
-7.5°	8.1	8.1	10.1	10.1	10.1	12.0	15.2	25.1	47.8	85.5	155.1
-10°	8.1	8.1	10.0	10.1	10.1	11.9	16.0	27.6	53.7	96.9	173.9
-12.5°	8.1	8.1	10.0	10.1	10.1	11.9	16.7	29.7	58.6	106.5	186.4
-15°	8.1	8.1	10.0	10.1	10.1	11.8	17.2	31.3	62.8	113.9	194.5
-17.5°	8.1	8.1	9.9	10.1	10.1	11.6	17.4	33.0	66.1	119.4	200.0
-20°	8.1	8.1	9.9	10.1	10.1	11.5	17.8	34.7	68.1	122.7	202.5



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.1	8.1	9.8	10.1	10.1	11.3	18.6	35.7	68.5	123.9	202.1
-25°	8.1	8.1	9.7	10.1	10.1	11.5	18.9	36.1	67.3	122.6	198.4
-27.5°	8.1	8.1	9.6	10.1	10.1	11.7	18.8	35.8	64.4	119.7	196.4
-30°	8.1	8.1	9.6	10.1	10.1	11.7	18.3	34.8	62.6	116.2	191.2
-32.5°	8.1	8.1	9.5	10.1	10.2	11.6	17.3	34.0	61.2	110.4	182.7
-35°	8.1	8.1	9.4	10.1	10.3	11.4	16.8	32.8	58.8	102.0	170.6
-37.5°	8.1	8.1	9.3	10.1	10.4	11.2	16.5	30.8	55.4	91.2	151.9
-40°	8.1	8.1	9.2	10.1	10.4	11.3	16.0	28.2	50.9	84.0	133.7
-42.5°	8.1	8.1	9.0	10.1	10.5	11.3	15.2	24.8	46.5	76.1	114.6
-45°	8.1	8.1	8.9	10.2	10.5	11.3	14.1	22.0	41.8	67.2	96.0
-47.5°	8.1	8.1	8.8	10.2	10.6	11.3	12.9	20.4	36.1	57.7	85.3
-50°	8.1	8.1	8.7	10.1	10.6	11.2	12.6	18.5	29.1	49.6	73.9
-52.5°	8.1	8.1	8.5	9.9	10.7	11.1	12.4	16.2	24.7	40.9	62.1
-55°	8.1	8.1	8.4	9.8	10.7	11.2	12.2	13.9	21.4	31.6	51.4
-57.5°	8.1	8.1	8.2	9.6	10.8	11.2	12.0	13.6	17.8	26.0	39.9
-60°	8.1	8.1	8.1	9.4	10.8	11.3	11.7	13.1	14.6	21.3	30.0
-62.5°	8.1	8.1	8.1	9.2	10.6	11.3	11.8	12.6	14.0	16.3	24.0
-65°	8.1	8.1	8.1	9.0	10.3	11.4	11.8	12.3	13.5	14.7	17.7
-67.5°	8.1	8.1	8.1	8.8	10.0	11.2	11.9	12.3	12.9	14.1	15.3
-70°	8.1	8.1	8.1	8.6	9.7	10.8	11.9	12.2	12.7	13.4	14.6
-72.5°	8.1	8.1	8.1	8.5	9.4	10.5	11.5	12.1	12.4	13.0	13.8
-75°	8.1	8.1	8.1	8.4	9.1	10.1	11.1	11.7	12.1	12.5	13.1
-77.5°	8.1	8.1	8.1	8.4	8.9	9.7	10.6	11.1	11.5	11.9	12.3
-80°	8.1	8.1	8.1	8.3	8.8	9.4	10.1	10.5	10.8	11.1	11.5
-82.5°	8.1	8.1	8.1	8.3	8.6	9.1	9.6	9.9	10.1	10.4	10.6
-85°	8.1	8.1	8.1	8.2	8.4	8.7	9.1	9.3	9.5	9.6	9.8
-87.5°	8.1	8.1	8.1	8.2	8.3	8.4	8.6	8.7	8.8	8.9	8.9
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.6	7.1	6.6
87.5°	7.6	7.1	6.6	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5
85°	7.6	7.1	6.7	6.4	6.4	6.4	6.3	6.1	5.8	5.6	5.5
82.5°	7.8	7.6	7.5	7.5	7.4	7.1	6.6	6.1	6.1	6.1	6.1
80°	8.0	8.1	8.1	8.1	7.7	7.2	6.7	6.2	6.1	6.2	6.2
77.5°	8.1	8.1	8.1	8.1	7.7	7.4	7.2	7.2	7.2	7.0	6.7
75°	8.1	8.1	8.2	8.2	8.0	8.0	8.1	8.1	7.8	7.3	6.8
72.5°	8.4	8.7	8.6	8.3	8.1	8.1	8.1	8.1	8.3	8.4	8.3
70°	9.2	9.3	8.9	8.4	8.1	8.4	9.5	10.5	11.2	11.3	11.6
67.5°	10.0	9.5	9.0	8.7	9.7	10.9	12.1	13.7	15.4	16.0	16.8
65°	10.0	9.6	9.6	10.4	11.9	13.5	15.3	17.4	21.8	24.5	25.8
62.5°	10.1	10.0	10.5	12.1	14.1	16.1	19.2	24.2	30.8	35.4	35.6
60°	10.1	10.3	11.8	14.1	16.2	18.9	23.6	31.1	41.0	48.5	44.2
57.5°	10.1	11.3	13.7	15.9	18.1	21.1	28.3	38.0	48.1	58.9	50.3
55°	10.6	12.9	15.2	17.2	19.9	23.9	31.4	40.5	51.7	54.7	45.0
52.5°	12.0	14.3	16.1	18.5	22.0	25.7	30.9	38.9	42.5	43.3	37.4
50°	13.2	15.0	16.8	19.7	23.2	26.3	27.9	32.7	34.1	32.4	29.1
47.5°	13.9	15.6	17.3	20.5	24.1	26.7	26.8	27.1	26.6	26.1	21.5
45°	14.5	16.2	17.9	21.5	25.3	27.6	26.3	22.6	25.6	24.7	23.6
42.5°	15.0	16.8	19.7	22.5	27.5	29.0	26.9	27.8	28.7	29.9	30.4
40°	15.5	17.3	22.2	27.6	30.4	31.2	34.5	37.0	35.9	39.3	41.3
37.5°	15.9	20.1	26.8	36.9	33.7	38.1	44.4	54.5	54.9	51.7	59.4
35°	16.3	23.2	38.2	49.1	46.4	49.1	65.8	79.0	83.0	78.6	83.6
32.5°	18.3	26.7	52.5	63.8	70.3	73.6	92.5	112.5	127.5	130.5	118.2
30°	22.0	39.8	68.9	81.6	100.4	118.6	131.8	155.9	186.8	211.0	220.9
27.5°	26.8	55.6	86.0	109.0	137.6	168.7	191.4	221.5	271.9	315.2	350.7
25°	32.0	77.3	105.1	142.5	185.0	225.2	260.2	310.5	377.3	449.0	573.8
22.5°	43.6	101.9	133.9	179.4	235.6	285.9	344.2	415.7	501.2	599.6	831.1
20°	62.4	126.2	168.5	220.7	290.0	349.6	431.8	523.1	639.6	849.7	1242.6
17.5°	82.5	152.2	204.0	269.4	355.5	430.8	523.0	629.7	784.0	1120.2	1894.1
15°	103.4	179.6	237.8	321.0	427.1	534.6	645.8	762.0	982.8	1502.9	2723.7
12.5°	124.5	207.7	270.0	374.4	502.9	642.9	775.5	923.3	1242.7	2160.8	3952.7
10°	145.2	236.1	300.4	428.3	581.2	753.6	904.2	1078.2	1512.8	2756.7	5051.7
7.5°	179.4	272.9	332.8	481.5	659.9	864.3	1030.4	1225.8	1776.6	3276.1	6063.9
5°	215.5	318.3	384.7	546.5	737.6	963.0	1144.5	1364.9	2026.4	3713.1	7013.3
2.5°	250.0	361.8	435.2	608.9	810.5	1039.6	1216.9	1442.8	2160.1	3917.3	7599.8
0°	281.5	403.0	484.0	666.2	876.8	1107.6	1281.8	1510.6	2241.6	3956.7	7787.8
-2.5°	319.7	448.2	534.4	711.7	913.1	1147.5	1322.9	1562.1	2325.9	4177.9	7821.8
-5°	352.5	490.0	582.4	752.3	943.5	1178.7	1357.3	1602.2	2365.2	4278.6	7657.3
-7.5°	379.0	528.2	627.8	784.4	959.3	1184.9	1369.8	1608.8	2337.7	4226.7	7320.8
-10°	395.0	544.3	638.8	783.8	954.2	1171.8	1369.9	1603.1	2258.8	4011.6	6848.2
-12.5°	383.4	539.9	640.8	777.9	944.4	1149.6	1360.2	1584.7	2124.3	3614.3	6295.2
-15°	369.0	532.7	639.5	766.6	930.5	1118.5	1340.0	1553.4	1914.8	2998.3	5612.2
-17.5°	352.6	522.8	634.7	749.7	912.7	1078.5	1298.8	1471.8	1698.0	2554.7	4824.9
-20°	334.8	510.3	626.1	727.3	891.1	1020.7	1202.0	1380.2	1586.4	2172.4	3765.9



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	316.2	495.4	611.8	712.7	835.9	954.2	1100.1	1274.7	1463.7	1697.5	2639.4
-25°	305.3	467.4	591.3	679.0	776.2	886.3	995.5	1156.7	1335.6	1523.9	2019.7
-27.5°	299.6	440.3	557.7	645.3	718.6	818.4	911.3	1040.0	1205.8	1366.8	1523.9
-30°	289.9	402.0	523.5	610.4	676.9	755.5	835.5	939.8	1087.1	1228.5	1358.7
-32.5°	269.0	363.0	481.3	571.4	639.9	697.2	776.3	869.5	982.8	1105.6	1210.4
-35°	243.4	332.4	436.0	532.7	603.5	657.8	729.0	807.3	890.5	996.9	1122.3
-37.5°	219.5	299.0	390.8	489.2	561.8	627.8	682.5	753.0	824.8	903.6	1029.0
-40°	193.9	263.1	349.9	440.4	524.4	592.8	649.6	702.4	765.1	843.9	927.7
-42.5°	167.3	232.8	308.1	392.6	476.9	550.7	615.1	663.8	717.4	785.3	859.9
-45°	145.1	200.9	265.2	345.2	424.7	502.5	568.2	629.5	680.9	730.9	795.3
-47.5°	122.1	169.5	228.7	296.9	372.4	445.4	516.6	584.3	649.7	696.3	735.8
-50°	101.1	143.5	191.8	254.3	320.3	388.6	455.2	534.5	603.8	662.7	708.6
-52.5°	87.7	116.7	161.0	212.4	271.7	333.1	399.0	471.9	546.9	616.9	670.6
-55°	73.5	98.5	129.8	174.2	224.5	280.2	341.8	408.8	477.0	547.3	616.0
-57.5°	59.8	82.0	105.9	136.8	180.4	228.1	284.5	343.9	406.7	470.6	534.1
-60°	46.0	65.5	87.0	109.6	136.3	179.1	225.9	278.1	333.9	391.2	448.6
-62.5°	32.9	48.8	67.7	88.2	109.3	132.6	170.3	213.8	258.8	306.4	356.3
-65°	25.5	33.8	47.8	65.8	85.1	105.4	127.9	152.4	189.9	226.8	261.9
-67.5°	17.9	25.6	33.1	42.4	58.9	76.4	95.3	115.6	137.4	158.9	184.0
-70°	16.0	18.1	24.1	30.9	37.3	45.8	61.2	77.7	94.6	110.9	128.8
-72.5°	15.0	16.6	18.7	21.4	26.8	32.1	37.3	42.3	52.3	65.7	78.9
-75°	13.9	15.0	16.5	18.4	20.5	22.7	25.4	29.9	34.0	38.0	42.1
-77.5°	12.8	13.5	14.4	15.5	16.8	18.5	20.3	22.2	23.9	25.5	27.2
-80°	11.8	12.1	12.6	13.3	14.0	14.9	15.9	17.0	17.8	18.7	19.8
-82.5°	10.9	11.1	11.3	11.5	11.7	11.9	12.2	12.8	13.4	13.9	14.4
-85°	9.9	10.1	10.2	10.4	10.2	10.0	9.8	9.8	10.0	10.2	10.4
-87.5°	9.0	9.1	9.2	9.2	9.0	8.7	8.4	8.1	8.0	7.9	7.8
-90°	7.6	7.1	6.6	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.1	6.1	6.1	6.1	6.1	7.1	8.1	9.1	10.1	11.1	12.2
87.5°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0
85°	5.3	5.1	4.8	4.4	4.0	3.9	3.9	3.9	3.9	3.4	3.0
82.5°	6.1	5.6	5.1	4.6	4.0	4.0	4.0	4.0	4.0	3.5	3.0
80°	6.1	5.7	5.1	4.6	4.1	4.0	4.0	4.0	4.0	3.5	3.0
77.5°	6.2	5.8	5.5	5.3	5.2	5.0	4.8	4.5	4.1	3.6	3.0
75°	6.3	6.2	6.3	6.3	6.2	5.7	5.2	4.6	4.1	3.9	3.9
72.5°	7.9	7.6	7.5	7.7	7.7	7.5	7.1	6.5	5.8	5.7	5.9
70°	11.9	12.1	12.2	12.0	11.3	10.4	9.6	8.7	7.9	7.7	7.8
67.5°	18.0	18.2	17.6	16.3	14.2	12.3	11.6	10.8	9.9	9.7	9.8
65°	25.8	23.9	21.8	19.5	16.9	14.0	13.1	12.4	11.8	11.8	12.5
62.5°	33.3	27.2	21.8	18.5	16.0	14.0	13.0	12.1	11.3	10.9	11.2
60°	36.7	26.0	18.9	16.7	14.6	12.4	11.2	10.3	9.4	8.9	9.2
57.5°	36.8	25.5	17.5	14.9	12.7	10.8	9.8	9.2	8.6	8.2	8.7
55°	32.7	22.6	14.9	12.8	11.5	10.5	10.0	9.8	9.6	9.4	9.8
52.5°	26.3	18.9	13.8	11.9	12.0	12.0	11.9	12.0	12.2	12.6	13.1
50°	20.9	16.1	14.6	13.8	14.3	14.4	14.1	14.9	15.9	16.5	17.0
47.5°	19.1	17.6	17.7	17.3	18.0	19.4	19.7	20.3	21.9	22.8	23.5
45°	21.3	22.8	23.8	25.5	26.5	28.8	29.6	29.6	32.9	35.2	36.4
42.5°	29.8	32.4	35.5	38.7	40.3	43.3	46.4	48.0	53.1	57.1	58.6
40°	45.0	46.5	53.1	57.2	60.3	64.0	73.4	79.6	89.3	107.5	120.8
37.5°	66.2	71.0	75.0	80.8	93.5	99.7	129.7	157.0	175.6	220.9	246.4
35°	96.9	110.3	105.7	131.6	163.6	203.9	247.7	313.0	364.7	425.9	482.4
32.5°	152.0	184.5	215.9	246.0	318.1	433.6	436.8	559.0	640.8	739.9	827.1
30°	240.4	355.4	500.1	548.0	750.9	977.6	914.7	1102.1	1287.8	1398.3	1779.7
27.5°	474.5	733.7	1021.2	1386.6	1764.5	2154.2	2412.3	2502.7	3442.3	4133.2	5032.5
25°	811.9	1266.6	2069.9	2661.6	3325.2	4190.7	4690.7	5363.7	6931.1	8884.2	10401.2
22.5°	1293.8	2088.5	3149.7	4045.1	5039.8	6206.2	7261.2	8874.8	11312.0	13978.0	16246.0
20°	1833.9	2858.5	4203.1	5544.6	6848.6	8368.7	10204.2	13499.3	17265.1	21444.1	25222.1
17.5°	2830.5	3837.9	5559.9	7393.9	9246.5	11077.6	15113.9	19993.8	25889.0	32081.3	37581.2
15°	4254.5	5885.0	7593.1	10018.1	13101.7	16620.4	21732.2	30291.3	39447.1	49111.1	60632.1
12.5°	6112.9	8476.8	11039.0	13846.7	18027.5	24450.8	32930.8	43377.9	56483.2	70981.7	87375.6
10°	8009.4	11418.5	14947.0	18957.0	24467.4	32740.9	43692.2	56773.1	77383.1	97696.8	114806.8
7.5°	9551.3	13524.4	17976.1	23302.9	30485.1	40566.1	54099.4	73004.5	97582.9	121752.7	140893.9
5°	10998.0	15362.4	19996.9	25439.4	34098.2	46254.8	62553.0	86139.6	115543.6	141248.6	161759.4
2.5°	12047.3	16632.0	21426.5	26964.3	36836.1	49713.0	67606.5	96864.2	130708.1	157044.4	180562.1
0°	12511.9	16754.0	21340.4	27022.3	36926.1	51477.0	69358.9	101392.8	137727.6	166040.7	189664.2
-2.5°	11935.9	16054.4	20787.2	26338.0	36265.9	50244.1	68715.5	100882.8	137342.5	166056.5	189347.2
-5°	11326.6	15231.0	19624.5	24755.4	33808.2	46805.4	65651.3	96386.1	131373.2	160240.7	182960.5
-7.5°	10677.0	14250.4	18181.2	22784.7	30815.9	43323.1	60822.7	86762.9	119466.4	148858.5	170226.5
-10°	9934.4	13187.4	17321.1	22200.1	29191.7	40063.8	54535.8	75317.2	105948.2	133256.5	156717.3
-12.5°	9498.3	12968.2	17098.7	21580.3	27220.0	36801.2	49968.8	67695.6	88663.5	114030.1	134905.4
-15°	8937.9	12450.2	16546.6	20751.1	25971.5	33452.2	43848.6	56868.9	72823.6	89917.6	108446.6
-17.5°	8016.5	11526.7	14825.6	18771.7	23730.0	29640.3	37111.5	47216.2	57802.1	69914.0	80999.7
-20°	6499.1	9334.6	12454.3	16172.4	20434.8	24913.6	29902.8	36787.8	43502.9	51982.3	58789.6



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4675.8	7072.5	9775.4	12848.2	16223.6	20058.1	23816.6	27449.9	32052.0	37419.4	42888.9
-25°	3045.2	4818.4	7158.9	9677.3	12034.7	15099.1	17799.3	19969.3	23072.6	25501.2	28815.8
-27.5°	2108.7	3261.2	5004.7	7011.3	8870.8	10832.2	13030.4	14511.9	16929.3	18243.1	20275.0
-30°	1543.0	2189.9	3443.8	4944.5	6564.5	8234.1	9803.4	11432.3	13113.9	14601.0	15728.5
-32.5°	1368.3	1622.4	2240.8	3320.9	4588.5	5988.5	7317.4	8737.4	10077.1	11229.8	12160.0
-35°	1249.7	1392.2	1586.4	2157.6	2914.1	4007.1	5052.5	6202.0	7278.0	8169.1	8915.9
-37.5°	1155.8	1269.9	1392.2	1517.5	1942.1	2420.5	3163.6	3962.4	4653.0	5441.8	6051.2
-40°	1049.1	1171.0	1268.9	1369.0	1481.5	1601.6	2003.8	2361.4	2751.6	3284.2	3719.3
-42.5°	939.1	1045.2	1155.5	1248.6	1333.5	1423.2	1513.6	1593.8	1791.8	2026.6	2204.8
-45°	863.0	938.0	1018.8	1117.5	1209.0	1286.7	1359.8	1429.9	1501.8	1568.2	1623.3
-47.5°	795.9	856.5	923.1	990.9	1059.7	1139.6	1214.6	1285.8	1348.2	1404.8	1450.3
-50°	746.9	788.8	844.2	897.7	956.5	1012.3	1062.1	1120.4	1184.3	1242.3	1288.7
-52.5°	722.1	758.8	790.6	829.0	882.0	928.7	969.7	1015.9	1060.3	1101.0	1130.8
-55°	673.4	721.4	767.8	811.0	847.6	881.0	916.5	961.8	1000.8	1034.3	1052.8
-57.5°	597.0	658.7	717.1	771.9	823.4	871.9	912.1	948.1	984.2	1018.4	1034.2
-60°	506.9	565.7	626.7	692.6	759.1	825.2	874.0	920.5	964.3	1001.0	1020.5
-62.5°	409.9	463.5	518.1	577.5	640.7	702.6	755.8	811.2	868.0	917.0	948.2
-65°	299.7	345.5	394.3	443.0	491.0	540.6	588.0	634.6	680.0	716.7	742.3
-67.5°	214.8	244.3	274.6	305.8	343.1	381.3	416.3	450.3	482.7	508.6	527.7
-70°	147.7	166.7	184.5	204.4	228.2	251.5	273.1	293.6	312.8	329.2	342.8
-72.5°	91.9	104.4	116.7	130.7	144.2	157.2	169.4	180.9	191.5	201.1	209.8
-75°	46.1	52.0	61.8	71.1	79.9	89.0	97.4	104.8	111.3	116.6	121.2
-77.5°	29.9	33.6	37.2	40.6	43.7	48.0	52.6	57.4	62.1	65.9	69.5
-80°	20.9	22.9	25.2	27.4	29.6	32.3	35.0	37.7	40.4	42.1	43.6
-82.5°	14.9	16.0	17.3	18.6	19.9	21.8	23.7	25.6	27.4	28.7	29.9
-85°	10.7	11.2	11.8	12.4	13.0	14.7	16.4	18.1	19.8	20.9	22.0
-87.5°	7.7	7.8	7.8	7.9	7.9	9.4	11.0	12.5	14.1	14.6	15.2
-90°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.2	14.2	14.2	14.2	14.2	14.2	13.2	12.2	11.1	10.1	9.1
87.5°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	3.9
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0
80°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0
77.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.6	4.1	4.5
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	4.1	4.6
72.5°	6.0	6.0	6.1	6.1	6.1	6.0	6.0	5.9	5.7	5.8	6.5
70°	8.0	8.0	7.2	6.1	7.2	8.0	8.0	7.8	7.7	7.9	8.7
67.5°	9.9	10.0	11.0	12.1	11.0	10.0	9.9	9.8	9.7	9.9	10.8
65°	13.2	13.9	13.2	12.1	13.2	13.9	13.2	12.5	11.8	11.8	12.4
62.5°	11.6	12.1	11.3	10.1	11.3	12.1	11.6	11.2	10.9	11.3	12.1
60°	9.6	10.0	10.1	10.1	10.1	10.0	9.6	9.2	8.9	9.4	10.3
57.5°	9.3	9.9	10.1	10.1	10.1	9.9	9.3	8.7	8.2	8.6	9.2
55°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.8	9.4	9.6	9.8
52.5°	13.6	13.9	14.1	14.2	14.1	13.9	13.6	13.1	12.6	12.2	12.0
50°	17.5	17.9	18.1	18.2	18.1	17.9	17.5	17.0	16.5	15.9	14.9
47.5°	24.0	24.1	24.2	24.3	24.2	24.1	24.0	23.5	22.8	21.9	20.3
45°	37.0	36.5	36.1	36.4	36.1	36.5	37.0	36.4	35.2	32.9	29.6
42.5°	60.2	60.3	60.1	60.7	60.1	60.3	60.2	58.6	57.1	53.1	48.0
40°	124.4	119.9	113.5	113.4	113.5	119.9	124.4	120.8	107.5	89.3	79.6
37.5°	259.0	263.5	263.0	267.3	263.0	263.5	259.0	246.4	220.9	175.6	157.0
35°	525.3	548.8	554.1	552.8	554.1	548.8	525.3	482.4	425.9	364.7	313.0
32.5°	865.2	896.5	905.2	917.3	905.2	896.5	865.2	827.1	739.9	640.8	559.0
30°	1521.1	1563.1	1523.1	1441.7	1523.1	1563.1	1521.1	1779.7	1398.3	1287.8	1102.1
27.5°	5511.5	5713.6	5258.6	5092.6	5258.6	5713.6	5511.5	5032.5	4133.2	3442.3	2502.7
25°	11232.3	12126.3	13042.6	12961.4	13042.6	12126.3	11232.3	10401.2	8884.2	6931.1	5363.7
22.5°	18127.5	19033.4	19788.4	20048.5	19788.4	19033.4	18127.5	16246.0	13978.0	11312.0	8874.8
20°	28712.4	30476.8	31740.1	30393.7	31740.1	30476.8	28712.4	25222.1	21444.1	17265.1	13499.3
17.5°	45895.1	51208.1	53968.0	55711.0	53968.0	51208.1	45895.1	37581.2	32081.3	25889.0	19993.8
15°	71244.2	79256.7	83695.8	86635.3	83695.8	79256.7	71244.2	60632.1	49111.1	39447.1	30291.3
12.5°	100478.0	109214.1	113137.5	116339.6	113137.5	109214.1	100478.0	87375.6	70981.7	56483.2	43377.9
10°	128268.6	137706.7	144241.3	147637.4	144241.3	137706.7	128268.6	114806.8	97696.8	77383.1	56773.1
7.5°	153731.6	165277.1	171908.1	174018.8	171908.1	165277.1	153731.6	140893.9	121752.7	97582.9	73004.5
5°	178637.7	188938.9	196913.4	198721.6	196913.4	188938.9	178637.7	161759.4	141248.6	115543.6	86139.6
2.5°	197814.4	210160.0	217319.6	219483.9	217319.6	210160.0	197814.4	180562.1	157044.4	130708.1	96864.2
0°	206602.4	218095.8	226573.0	229613.4	226573.0	218095.8	206602.4	189664.2	166040.7	137727.6	101392.8
-2.5°	204764.3	215356.1	221424.1	222469.6	221424.1	215356.1	204764.3	189347.2	166056.5	137342.5	100882.8
-5°	198299.6	208031.1	214024.4	214195.9	214024.4	208031.1	198299.6	182960.5	160240.7	131373.2	96386.1
-7.5°	184099.2	193199.4	197377.6	198427.0	197377.6	193199.4	184099.2	170226.5	148858.5	119466.4	86762.9
-10°	169645.9	178088.6	182036.9	182473.8	182036.9	178088.6	169645.9	156717.3	133256.5	105948.2	75317.2
-12.5°	150924.3	159958.0	163900.3	165754.2	163900.3	159958.0	150924.3	134905.4	114030.1	88663.5	67695.6
-15°	123064.4	131799.9	136529.5	140021.8	136529.5	131799.9	123064.4	108446.6	89917.6	72823.6	56868.9
-17.5°	93212.8	100700.2	105361.1	109603.7	105361.1	100700.2	93212.8	80999.7	69914.0	57802.1	47216.2
-20°	66363.6	71131.9	72596.5	74882.8	72596.5	71131.9	66363.6	58789.6	51982.3	43502.9	36787.8



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	46610.5	49321.7	51039.0	52009.5	51039.0	49321.7	46610.5	42888.9	37419.4	32052.0	27449.9
-25°	31598.7	33478.9	34210.1	35053.0	34210.1	33478.9	31598.7	28815.8	25501.2	23072.6	19969.3
-27.5°	21166.1	21938.2	22465.5	22751.8	22465.5	21938.2	21166.1	20275.0	18243.1	16929.3	14511.9
-30°	16636.2	17342.3	17765.7	17900.1	17765.7	17342.3	16636.2	15728.5	14601.0	13113.9	11432.3
-32.5°	12880.1	13413.8	13699.2	13736.9	13699.2	13413.8	12880.1	12160.0	11229.8	10077.1	8737.4
-35°	9542.0	10028.1	10297.2	10278.4	10297.2	10028.1	9542.0	8915.9	8169.1	7278.0	6202.0
-37.5°	6575.3	6987.3	7240.2	7305.8	7240.2	6987.3	6575.3	6051.2	5441.8	4653.0	3962.4
-40°	4113.4	4416.1	4596.8	4620.8	4596.8	4416.1	4113.4	3719.3	3284.2	2751.6	2361.4
-42.5°	2361.2	2483.8	2552.6	2549.3	2552.6	2483.8	2361.2	2204.8	2026.6	1791.8	1593.8
-45°	1659.5	1687.0	1702.5	1705.0	1702.5	1687.0	1659.5	1623.3	1568.2	1501.8	1429.9
-47.5°	1483.3	1509.3	1523.1	1524.7	1523.1	1509.3	1483.3	1450.3	1404.8	1348.2	1285.8
-50°	1325.8	1356.6	1373.4	1376.9	1373.4	1356.6	1325.8	1288.7	1242.3	1184.3	1120.4
-52.5°	1154.9	1175.3	1182.1	1178.5	1182.1	1175.3	1154.9	1130.8	1101.0	1060.3	1015.9
-55°	1070.0	1086.6	1093.8	1095.5	1093.8	1086.6	1070.0	1052.8	1034.3	1000.8	961.8
-57.5°	1049.5	1064.4	1069.0	1069.1	1069.0	1064.4	1049.5	1034.2	1018.4	984.2	948.1
-60°	1039.7	1058.3	1061.9	1059.0	1061.9	1058.3	1039.7	1020.5	1001.0	964.3	920.5
-62.5°	976.0	999.8	1007.3	1006.4	1007.3	999.8	976.0	948.2	917.0	868.0	811.2
-65°	763.9	781.3	790.3	793.8	790.3	781.3	763.9	742.3	716.7	680.0	634.6
-67.5°	543.3	555.4	559.3	558.9	559.3	555.4	543.3	527.7	508.6	482.7	450.3
-70°	354.2	363.6	364.6	362.5	364.6	363.6	354.2	342.8	329.2	312.8	293.6
-72.5°	217.4	223.8	223.2	220.7	223.2	223.8	217.4	209.8	201.1	191.5	180.9
-75°	125.1	128.3	127.3	125.5	127.3	128.3	125.1	121.2	116.6	111.3	104.8
-77.5°	72.9	76.2	76.8	76.9	76.8	76.2	72.9	69.5	65.9	62.1	57.4
-80°	45.0	46.4	46.5	46.6	46.5	46.4	45.0	43.6	42.1	40.4	37.7
-82.5°	31.1	32.3	32.4	32.4	32.4	32.3	31.1	29.9	28.7	27.4	25.6
-85°	23.1	24.2	24.3	24.3	24.3	24.2	23.1	22.0	20.9	19.8	18.1
-87.5°	15.7	16.2	16.2	16.2	16.2	16.2	15.7	15.2	14.6	14.1	12.5
-90°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.1	7.1	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1
87.5°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	5.1	5.6	6.1
85°	3.9	3.9	4.0	4.4	4.8	5.1	5.3	5.5	5.6	5.8	6.1
82.5°	4.0	4.0	4.0	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
80°	4.0	4.0	4.1	4.6	5.1	5.7	6.1	6.2	6.2	6.1	6.2
77.5°	4.8	5.0	5.2	5.3	5.5	5.8	6.2	6.7	7.0	7.2	7.2
75°	5.2	5.7	6.2	6.3	6.3	6.2	6.3	6.8	7.3	7.8	8.1
72.5°	7.1	7.5	7.7	7.7	7.5	7.6	7.9	8.3	8.4	8.3	8.1
70°	9.6	10.4	11.3	12.0	12.2	12.1	11.9	11.6	11.3	11.2	10.5
67.5°	11.6	12.3	14.2	16.3	17.6	18.2	18.0	16.8	16.0	15.4	13.7
65°	13.1	14.0	16.9	19.5	21.8	23.9	25.8	25.8	24.5	21.8	17.4
62.5°	13.0	14.0	16.0	18.5	21.8	27.2	33.3	35.6	35.4	30.8	24.2
60°	11.2	12.4	14.6	16.7	18.9	26.0	36.7	44.2	48.5	41.0	31.1
57.5°	9.8	10.8	12.7	14.9	17.5	25.5	36.8	50.3	58.9	48.1	38.0
55°	10.0	10.5	11.5	12.8	14.9	22.6	32.7	45.0	54.7	51.7	40.5
52.5°	11.9	12.0	12.0	11.9	13.8	18.9	26.3	37.4	43.3	42.5	38.9
50°	14.1	14.4	14.3	13.8	14.6	16.1	20.9	29.1	32.4	34.1	32.7
47.5°	19.7	19.4	18.0	17.3	17.7	17.6	19.1	21.5	26.1	26.6	27.1
45°	29.6	28.8	26.5	25.5	23.8	22.8	21.3	23.6	24.7	25.6	22.6
42.5°	46.4	43.3	40.3	38.7	35.5	32.4	29.8	30.4	29.9	28.7	27.8
40°	73.4	64.0	60.3	57.2	53.1	46.5	45.0	41.3	39.3	35.9	37.0
37.5°	129.7	99.7	93.5	80.8	75.0	71.0	66.2	59.4	51.7	54.9	54.5
35°	247.7	203.9	163.6	131.6	105.7	110.3	96.9	83.6	78.6	83.0	79.0
32.5°	436.8	433.6	318.1	246.0	215.9	184.5	152.0	118.2	130.5	127.5	112.5
30°	914.7	977.6	750.9	548.0	500.1	355.4	240.4	220.9	211.0	186.8	155.9
27.5°	2412.3	2154.2	1764.5	1386.6	1021.2	733.7	474.5	350.7	315.2	271.9	221.5
25°	4690.7	4190.7	3325.2	2661.6	2069.9	1266.6	811.9	573.8	449.0	377.3	310.5
22.5°	7261.2	6206.2	5039.8	4045.1	3149.7	2088.5	1293.8	831.1	599.6	501.2	415.7
20°	10204.2	8368.7	6848.6	5544.6	4203.1	2858.5	1833.9	1242.6	849.7	639.6	523.1
17.5°	15113.9	11077.6	9246.5	7393.9	5559.9	3837.9	2830.5	1894.1	1120.2	784.0	629.7
15°	21732.2	16620.4	13101.7	10018.1	7593.1	5885.0	4254.5	2723.7	1502.9	982.8	762.0
12.5°	32930.8	24450.8	18027.5	13846.7	11039.0	8476.8	6112.9	3952.7	2160.8	1242.7	923.3
10°	43692.2	32740.9	24467.4	18957.0	14947.0	11418.5	8009.4	5051.7	2756.7	1512.8	1078.2
7.5°	54099.4	40566.1	30485.1	23302.9	17976.1	13524.4	9551.3	6063.9	3276.1	1776.6	1225.8
5°	62553.0	46254.8	34098.2	25439.4	19996.9	15362.4	10998.0	7013.3	3713.1	2026.4	1364.9
2.5°	67606.5	49713.0	36836.1	26964.3	21426.5	16632.0	12047.3	7599.8	3917.3	2160.1	1442.8
0°	69358.9	51477.0	36926.1	27022.3	21340.4	16754.0	12511.9	7787.8	3956.7	2241.6	1510.6
-2.5°	68715.5	50244.1	36265.9	26338.0	20787.2	16054.4	11935.9	7821.8	4177.9	2325.9	1562.1
-5°	65651.3	46805.4	33808.2	24755.4	19624.5	15231.0	11326.6	7657.3	4278.6	2365.2	1602.2
-7.5°	60822.7	43323.1	30815.9	22784.7	18181.2	14250.4	10677.0	7320.8	4226.7	2337.7	1608.8
-10°	54535.8	40063.8	29191.7	22200.1	17321.1	13187.4	9934.4	6848.2	4011.6	2258.8	1603.1
-12.5°	49968.8	36801.2	27220.0	21580.3	17098.7	12968.2	9498.3	6295.2	3614.3	2124.3	1584.7
-15°	43848.6	33452.2	25971.5	20751.1	16546.6	12450.2	8937.9	5612.2	2998.3	1914.8	1553.4
-17.5°	37111.5	29640.3	23730.0	18771.7	14825.6	11526.7	8016.5	4824.9	2554.7	1698.0	1471.8
-20°	29902.8	24913.6	20434.8	16172.4	12454.3	9334.6	6499.1	3765.9	2172.4	1586.4	1380.2



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23816.6	20058.1	16223.6	12848.2	9775.4	7072.5	4675.8	2639.4	1697.5	1463.7	1274.7
-25°	17799.3	15099.1	12034.7	9677.3	7158.9	4818.4	3045.2	2019.7	1523.9	1335.6	1156.7
-27.5°	13030.4	10832.2	8870.8	7011.3	5004.7	3261.2	2108.7	1523.9	1366.8	1205.8	1040.0
-30°	9803.4	8234.1	6564.5	4944.5	3443.8	2189.9	1543.0	1358.7	1228.5	1087.1	939.8
-32.5°	7317.4	5988.5	4588.5	3320.9	2240.8	1622.4	1368.3	1210.4	1105.6	982.8	869.5
-35°	5052.5	4007.1	2914.1	2157.6	1586.4	1392.2	1249.7	1122.3	996.9	890.5	807.3
-37.5°	3163.6	2420.5	1942.1	1517.5	1392.2	1269.9	1155.8	1029.0	903.6	824.8	753.0
-40°	2003.8	1601.6	1481.5	1369.0	1268.9	1171.0	1049.1	927.7	843.9	765.1	702.4
-42.5°	1513.6	1423.2	1333.5	1248.6	1155.5	1045.2	939.1	859.9	785.3	717.4	663.8
-45°	1359.8	1286.7	1209.0	1117.5	1018.8	938.0	863.0	795.3	730.9	680.9	629.5
-47.5°	1214.6	1139.6	1059.7	990.9	923.1	856.5	795.9	735.8	696.3	649.7	584.3
-50°	1062.1	1012.3	956.5	897.7	844.2	788.8	746.9	708.6	662.7	603.8	534.5
-52.5°	969.7	928.7	882.0	829.0	790.6	758.8	722.1	670.6	616.9	546.9	471.9
-55°	916.5	881.0	847.6	811.0	767.8	721.4	673.4	616.0	547.3	477.0	408.8
-57.5°	912.1	871.9	823.4	771.9	717.1	658.7	597.0	534.1	470.6	406.7	343.9
-60°	874.0	825.2	759.1	692.6	626.7	565.7	506.9	448.6	391.2	333.9	278.1
-62.5°	755.8	702.6	640.7	577.5	518.1	463.5	409.9	356.3	306.4	258.8	213.8
-65°	588.0	540.6	491.0	443.0	394.3	345.5	299.7	261.9	226.8	189.9	152.4
-67.5°	416.3	381.3	343.1	305.8	274.6	244.3	214.8	184.0	158.9	137.4	115.6
-70°	273.1	251.5	228.2	204.4	184.5	166.7	147.7	128.8	110.9	94.6	77.7
-72.5°	169.4	157.2	144.2	130.7	116.7	104.4	91.9	78.9	65.7	52.3	42.3
-75°	97.4	89.0	79.9	71.1	61.8	52.0	46.1	42.1	38.0	34.0	29.9
-77.5°	52.6	48.0	43.7	40.6	37.2	33.6	29.9	27.2	25.5	23.9	22.2
-80°	35.0	32.3	29.6	27.4	25.2	22.9	20.9	19.8	18.7	17.8	17.0
-82.5°	23.7	21.8	19.9	18.6	17.3	16.0	14.9	14.4	13.9	13.4	12.8
-85°	16.4	14.7	13.0	12.4	11.8	11.2	10.7	10.4	10.2	10.0	9.8
-87.5°	11.0	9.4	7.9	7.9	7.8	7.8	7.7	7.8	7.9	8.0	8.1
-90°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	5.1	5.6	6.1



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1	8.1	8.1	8.1
85°	6.3	6.4	6.4	6.4	6.7	7.1	7.6	8.1	8.1	8.1	8.1
82.5°	6.6	7.1	7.4	7.5	7.5	7.6	7.8	8.1	8.2	8.1	8.1
80°	6.7	7.2	7.7	8.1	8.1	8.1	8.0	8.1	8.4	8.5	8.4
77.5°	7.2	7.4	7.7	8.1	8.1	8.1	8.1	8.2	8.6	8.9	8.9
75°	8.1	8.0	8.0	8.2	8.2	8.1	8.1	8.3	8.7	9.2	9.4
72.5°	8.1	8.1	8.1	8.3	8.6	8.7	8.4	8.3	8.8	9.3	9.8
70°	9.5	8.4	8.1	8.4	8.9	9.3	9.2	8.9	8.9	9.3	9.8
67.5°	12.1	10.9	9.7	8.7	9.0	9.5	10.0	9.6	9.3	9.4	9.9
65°	15.3	13.5	11.9	10.4	9.6	9.6	10.0	10.1	9.8	9.7	9.9
62.5°	19.2	16.1	14.1	12.1	10.5	10.0	10.1	10.1	10.1	9.9	10.0
60°	23.6	18.9	16.2	14.1	11.8	10.3	10.1	10.1	10.1	10.1	10.1
57.5°	28.3	21.1	18.1	15.9	13.7	11.3	10.1	10.1	10.1	10.1	10.1
55°	31.4	23.9	19.9	17.2	15.2	12.9	10.6	10.1	10.1	10.1	10.1
52.5°	30.9	25.7	22.0	18.5	16.1	14.3	12.0	10.1	10.1	10.1	10.1
50°	27.9	26.3	23.2	19.7	16.8	15.0	13.2	11.0	10.1	10.1	10.1
47.5°	26.8	26.7	24.1	20.5	17.3	15.6	13.9	11.9	10.1	10.1	10.1
45°	26.3	27.6	25.3	21.5	17.9	16.2	14.5	12.7	10.7	10.2	10.1
42.5°	26.9	29.0	27.5	22.5	19.7	16.8	15.0	13.2	11.3	10.3	10.2
40°	34.5	31.2	30.4	27.6	22.2	17.3	15.5	13.6	11.8	10.6	10.3
37.5°	44.4	38.1	33.7	36.9	26.8	20.1	15.9	14.0	12.4	11.2	10.5
35°	65.8	49.1	46.4	49.1	38.2	23.2	16.3	14.4	13.1	11.8	10.8
32.5°	92.5	73.6	70.3	63.8	52.5	26.7	18.3	15.4	13.7	12.3	11.0
30°	131.8	118.6	100.4	81.6	68.9	39.8	22.0	16.6	14.3	12.9	11.4
27.5°	191.4	168.7	137.6	109.0	86.0	55.6	26.8	18.2	14.9	13.4	11.8
25°	260.2	225.2	185.0	142.5	105.1	77.3	32.0	20.2	15.9	13.9	12.3
22.5°	344.2	285.9	235.6	179.4	133.9	101.9	43.6	24.4	17.3	14.3	12.7
20°	431.8	349.6	290.0	220.7	168.5	126.2	62.4	28.7	18.9	14.8	13.1
17.5°	523.0	430.8	355.5	269.4	204.0	152.2	82.5	33.1	20.5	15.2	13.4
15°	645.8	534.6	427.1	321.0	237.8	179.6	103.4	37.4	22.2	15.6	13.8
12.5°	775.5	642.9	502.9	374.4	270.0	207.7	124.5	41.6	23.9	16.6	14.2
10°	904.2	753.6	581.2	428.3	300.4	236.1	145.2	47.5	27.9	18.5	14.6
7.5°	1030.4	864.3	659.9	481.5	332.8	272.9	179.4	57.1	32.2	20.4	15.1
5°	1144.5	963.0	737.6	546.5	384.7	318.3	215.5	66.8	36.4	22.4	15.5
2.5°	1216.9	1039.6	810.5	608.9	435.2	361.8	250.0	76.1	40.6	24.4	15.9
0°	1281.8	1107.6	876.8	666.2	484.0	403.0	281.5	85.0	44.5	26.3	16.2
-2.5°	1322.9	1147.5	913.1	711.7	534.4	448.2	319.7	110.0	59.0	33.9	19.3
-5°	1357.3	1178.7	943.5	752.3	582.4	490.0	352.5	133.5	72.7	41.2	22.3
-7.5°	1369.8	1184.9	959.3	784.4	627.8	528.2	379.0	155.1	85.5	47.8	25.1
-10°	1369.9	1171.8	954.2	783.8	638.8	544.3	395.0	173.9	96.9	53.7	27.6
-12.5°	1360.2	1149.6	944.4	777.9	640.8	539.9	383.4	186.4	106.5	58.6	29.7
-15°	1340.0	1118.5	930.5	766.6	639.5	532.7	369.0	194.5	113.9	62.8	31.3
-17.5°	1298.8	1078.5	912.7	749.7	634.7	522.8	352.6	200.0	119.4	66.1	33.0
-20°	1202.0	1020.7	891.1	727.3	626.1	510.3	334.8	202.5	122.7	68.1	34.7



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1100.1	954.2	835.9	712.7	611.8	495.4	316.2	202.1	123.9	68.5	35.7
-25°	995.5	886.3	776.2	679.0	591.3	467.4	305.3	198.4	122.6	67.3	36.1
-27.5°	911.3	818.4	718.6	645.3	557.7	440.3	299.6	196.4	119.7	64.4	35.8
-30°	835.5	755.5	676.9	610.4	523.5	402.0	289.9	191.2	116.2	62.6	34.8
-32.5°	776.3	697.2	639.9	571.4	481.3	363.0	269.0	182.7	110.4	61.2	34.0
-35°	729.0	657.8	603.5	532.7	436.0	332.4	243.4	170.6	102.0	58.8	32.8
-37.5°	682.5	627.8	561.8	489.2	390.8	299.0	219.5	151.9	91.2	55.4	30.8
-40°	649.6	592.8	524.4	440.4	349.9	263.1	193.9	133.7	84.0	50.9	28.2
-42.5°	615.1	550.7	476.9	392.6	308.1	232.8	167.3	114.6	76.1	46.5	24.8
-45°	568.2	502.5	424.7	345.2	265.2	200.9	145.1	96.0	67.2	41.8	22.0
-47.5°	516.6	445.4	372.4	296.9	228.7	169.5	122.1	85.3	57.7	36.1	20.4
-50°	455.2	388.6	320.3	254.3	191.8	143.5	101.1	73.9	49.6	29.1	18.5
-52.5°	399.0	333.1	271.7	212.4	161.0	116.7	87.7	62.1	40.9	24.7	16.2
-55°	341.8	280.2	224.5	174.2	129.8	98.5	73.5	51.4	31.6	21.4	13.9
-57.5°	284.5	228.1	180.4	136.8	105.9	82.0	59.8	39.9	26.0	17.8	13.6
-60°	225.9	179.1	136.3	109.6	87.0	65.5	46.0	30.0	21.3	14.6	13.1
-62.5°	170.3	132.6	109.3	88.2	67.7	48.8	32.9	24.0	16.3	14.0	12.6
-65°	127.9	105.4	85.1	65.8	47.8	33.8	25.5	17.7	14.7	13.5	12.3
-67.5°	95.3	76.4	58.9	42.4	33.1	25.6	17.9	15.3	14.1	12.9	12.3
-70°	61.2	45.8	37.3	30.9	24.1	18.1	16.0	14.6	13.4	12.7	12.2
-72.5°	37.3	32.1	26.8	21.4	18.7	16.6	15.0	13.8	13.0	12.4	12.1
-75°	25.4	22.7	20.5	18.4	16.5	15.0	13.9	13.1	12.5	12.1	11.7
-77.5°	20.3	18.5	16.8	15.5	14.4	13.5	12.8	12.3	11.9	11.5	11.1
-80°	15.9	14.9	14.0	13.3	12.6	12.1	11.8	11.5	11.1	10.8	10.5
-82.5°	12.2	11.9	11.7	11.5	11.3	11.1	10.9	10.6	10.4	10.1	9.9
-85°	9.8	10.0	10.2	10.4	10.2	10.1	9.9	9.8	9.6	9.5	9.3
-87.5°	8.4	8.7	9.0	9.2	9.2	9.1	9.0	8.9	8.9	8.8	8.7
-90°	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1	8.1	8.1	8.1



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.2	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.7	8.2	8.1	8.1	8.1	8.1	8.1
75°	9.2	8.7	8.2	8.1	8.1	8.1	8.1
72.5°	9.7	9.1	8.5	8.1	8.1	8.1	8.1
70°	10.1	9.5	8.8	8.1	8.1	8.1	8.1
67.5°	10.1	9.9	9.1	8.4	8.1	8.1	8.1
65°	10.1	10.1	9.5	8.6	8.1	8.1	8.1
62.5°	10.1	10.1	9.8	8.9	8.1	8.1	8.1
60°	10.1	10.1	10.1	9.1	8.1	8.1	8.1
57.5°	10.1	10.1	10.1	9.3	8.2	8.1	8.1
55°	10.1	10.1	10.1	9.5	8.4	8.1	8.1
52.5°	10.1	10.1	10.1	9.7	8.5	8.1	8.1
50°	10.1	10.1	10.1	10.0	8.7	8.1	8.1
47.5°	10.1	10.1	10.1	10.1	8.8	8.1	8.1
45°	10.1	10.1	10.1	10.1	8.9	8.1	8.1
42.5°	10.1	10.1	10.1	10.1	9.0	8.1	8.1
40°	10.1	10.1	10.1	10.1	9.2	8.1	8.1
37.5°	10.1	10.1	10.1	10.1	9.3	8.1	8.1
35°	10.1	10.1	10.1	10.1	9.4	8.1	8.1
32.5°	10.2	10.1	10.1	10.1	9.5	8.1	8.1
30°	10.4	10.1	10.1	10.1	9.6	8.1	8.1
27.5°	10.6	10.1	10.1	10.1	9.6	8.1	8.1
25°	10.8	10.1	10.1	10.1	9.7	8.1	8.1
22.5°	11.1	10.1	10.1	10.1	9.8	8.1	8.1
20°	11.3	10.3	10.1	10.1	9.9	8.1	8.1
17.5°	11.6	10.5	10.1	10.1	9.9	8.1	8.1
15°	11.8	10.7	10.1	10.1	10.0	8.1	8.1
12.5°	11.9	10.9	10.1	10.1	10.0	8.1	8.1
10°	12.0	11.1	10.1	10.1	10.0	8.1	8.1
7.5°	12.1	11.4	10.1	10.1	10.1	8.1	8.1
5°	12.1	11.6	10.1	10.1	10.1	8.1	8.1
2.5°	12.1	11.9	10.1	10.1	10.1	8.1	8.1
0°	12.1	12.1	10.1	10.1	10.1	8.1	8.1
-2.5°	13.2	12.1	10.1	10.1	10.1	8.1	8.1
-5°	14.2	12.1	10.1	10.1	10.1	8.1	8.1
-7.5°	15.2	12.0	10.1	10.1	10.1	8.1	8.1
-10°	16.0	11.9	10.1	10.1	10.0	8.1	8.1
-12.5°	16.7	11.9	10.1	10.1	10.0	8.1	8.1
-15°	17.2	11.8	10.1	10.1	10.0	8.1	8.1
-17.5°	17.4	11.6	10.1	10.1	9.9	8.1	8.1
-20°	17.8	11.5	10.1	10.1	9.9	8.1	8.1



REPORT NUMBER: P1306314 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.6	11.3	10.1	10.1	9.8	8.1	8.1
-25°	18.9	11.5	10.1	10.1	9.7	8.1	8.1
-27.5°	18.8	11.7	10.1	10.1	9.6	8.1	8.1
-30°	18.3	11.7	10.1	10.1	9.6	8.1	8.1
-32.5°	17.3	11.6	10.2	10.1	9.5	8.1	8.1
-35°	16.8	11.4	10.3	10.1	9.4	8.1	8.1
-37.5°	16.5	11.2	10.4	10.1	9.3	8.1	8.1
-40°	16.0	11.3	10.4	10.1	9.2	8.1	8.1
-42.5°	15.2	11.3	10.5	10.1	9.0	8.1	8.1
-45°	14.1	11.3	10.5	10.2	8.9	8.1	8.1
-47.5°	12.9	11.3	10.6	10.2	8.8	8.1	8.1
-50°	12.6	11.2	10.6	10.1	8.7	8.1	8.1
-52.5°	12.4	11.1	10.7	9.9	8.5	8.1	8.1
-55°	12.2	11.2	10.7	9.8	8.4	8.1	8.1
-57.5°	12.0	11.2	10.8	9.6	8.2	8.1	8.1
-60°	11.7	11.3	10.8	9.4	8.1	8.1	8.1
-62.5°	11.8	11.3	10.6	9.2	8.1	8.1	8.1
-65°	11.8	11.4	10.3	9.0	8.1	8.1	8.1
-67.5°	11.9	11.2	10.0	8.8	8.1	8.1	8.1
-70°	11.9	10.8	9.7	8.6	8.1	8.1	8.1
-72.5°	11.5	10.5	9.4	8.5	8.1	8.1	8.1
-75°	11.1	10.1	9.1	8.4	8.1	8.1	8.1
-77.5°	10.6	9.7	8.9	8.4	8.1	8.1	8.1
-80°	10.1	9.4	8.8	8.3	8.1	8.1	8.1
-82.5°	9.6	9.1	8.6	8.3	8.1	8.1	8.1
-85°	9.1	8.7	8.4	8.2	8.1	8.1	8.1
-87.5°	8.6	8.4	8.3	8.2	8.1	8.1	8.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1

(END OF REPORT)