

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: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

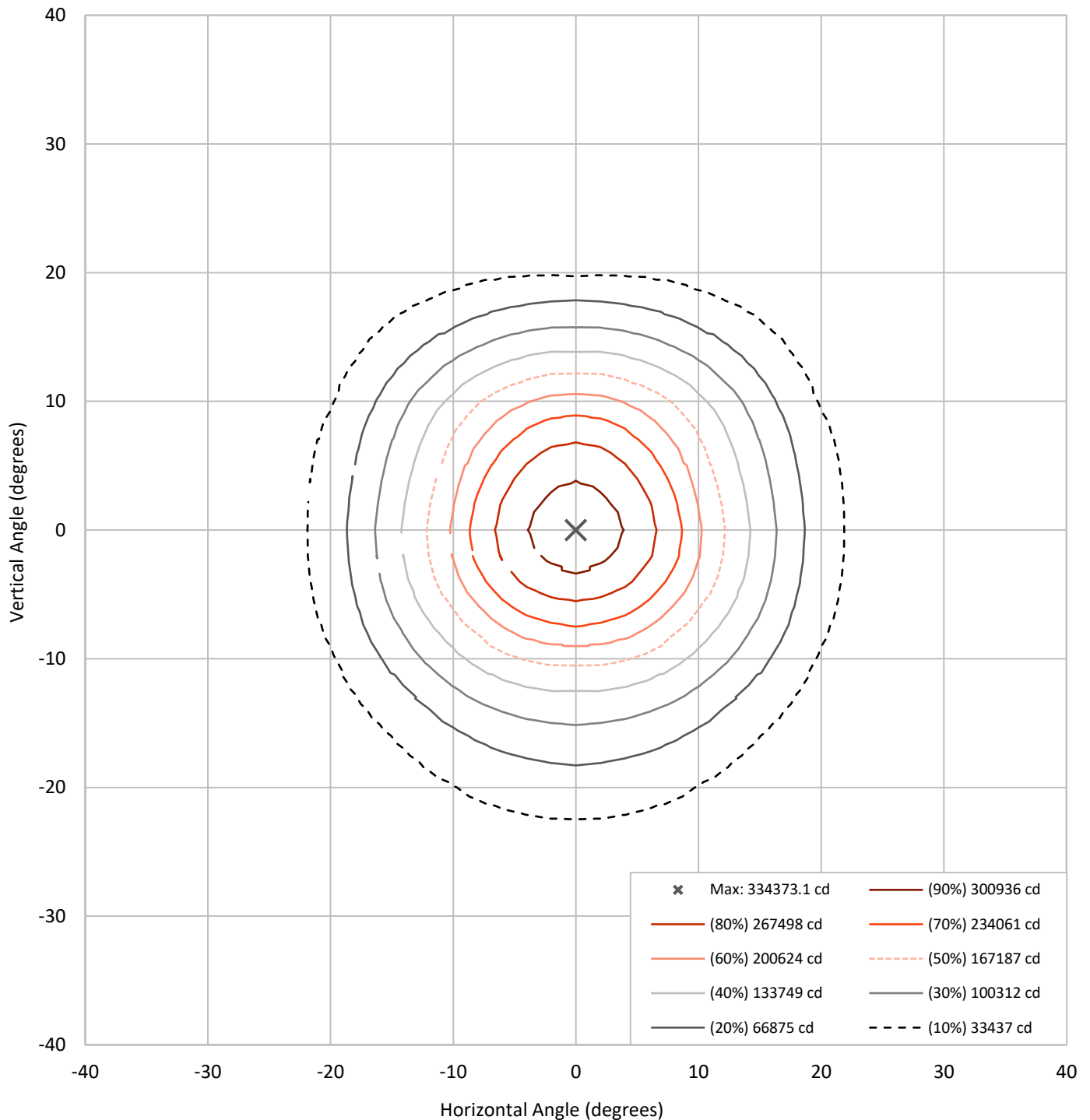
Test Method: LM-79-08  
Report Number: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-80-3S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 3S 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:	69301.6 lumens	Max Intensity:	334373.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	32678.9 lumens	Field Lumens:	59035.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	554		
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: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

### Iso-Candela Plot





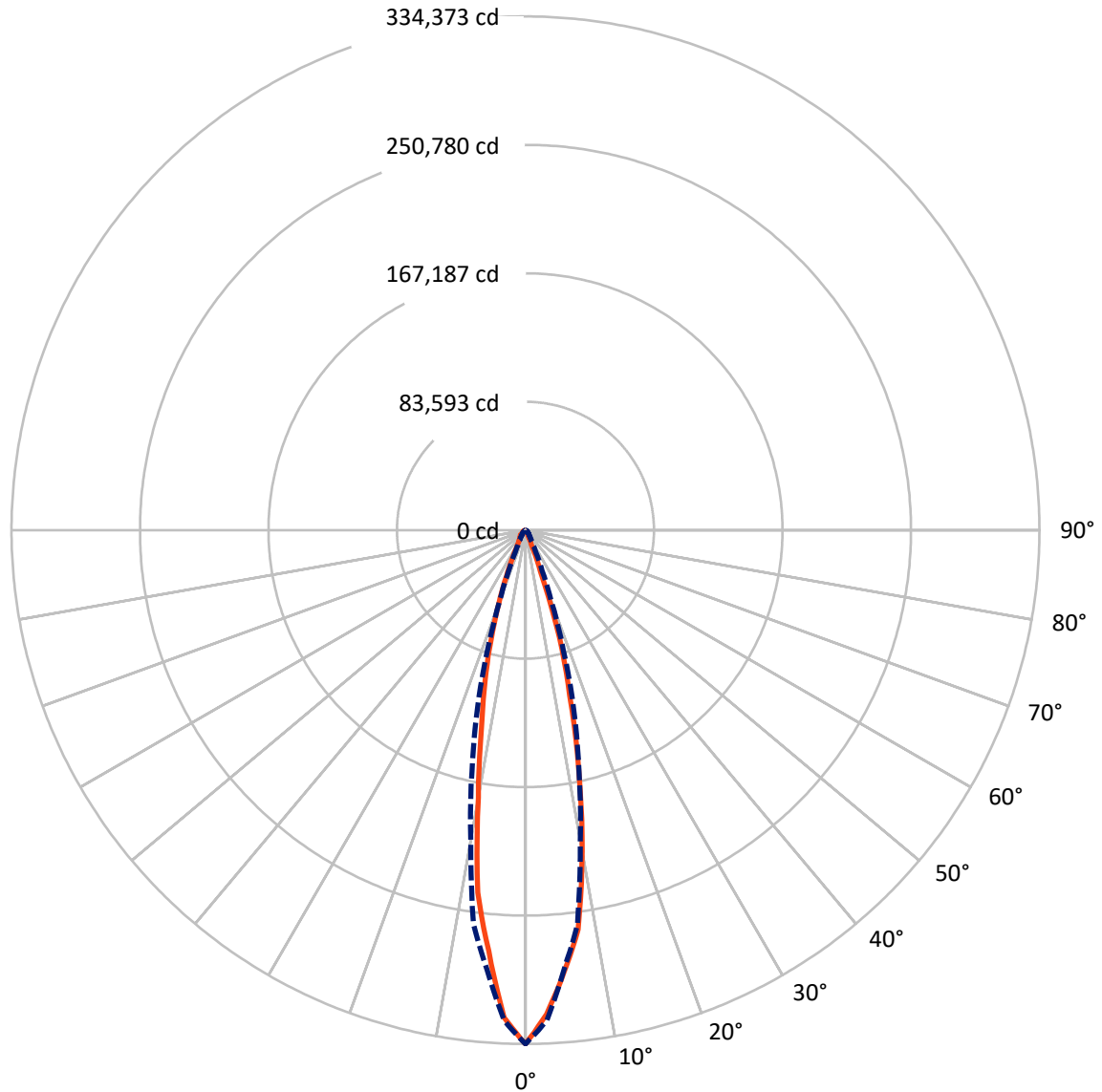
REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

### Lumen Table

90	0.1	0.2	0.4	0.4	0.5	0.4	0.4	0.2	0.1										
80	0.1	0.2	0.4	0.4	0.5	0.4	0.4	0.2	0.1										
70	0.1	0.1	0.1	0.6	0.7	0.5	0.4	0.3	0.3	0.4	0.5	0.7	0.6	0.1	0.1	0.1			
60		0.1	0.4	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.7	0.4	0.1				
50	0.1	0.2	0.6	0.6	0.7	1.0	1.8	1.2	1.2	1.8	1.0	0.7	0.6	0.6	0.2	0.1			
40		0.4	1.2	2.7	4.9	7.1	9.7	11.6	11.6	9.7	7.1	4.9	2.7	1.2	0.4				
30	0.2	0.7	4.7	14.8	34.2	56.9	116.9	225.0	225.0	116.9	56.9	34.2	14.8	4.7	0.7	0.2			
20		1.4	10.1	37.6	91.1	241.2	1328.1	3134.3	3134.3	1328.1	241.2	91.1	37.6	10.1	1.4				
10	0.3	2.2	13.4	50.1	117.2	514.5	3184.0	7467.1	7467.1	3184.0	514.5	117.2	50.1	13.4	2.2	0.3			
0		2.7	14.4	50.9	117.5	509.4	3128.4	7155.8	7155.8	3128.4	509.4	117.5	50.9	14.4	2.7				
-10	0.6	3.2	13.6	42.3	92.4	243.2	1268.4	2862.6	2862.6	1268.4	243.2	92.4	42.3	13.6	3.2	0.6			
-20		3.4	12.6	31.7	78.7	137.9	315.6	645.2	645.2	315.6	137.9	78.7	31.7	12.6	3.4				
-30	0.5	3.0	10.9	24.0	58.1	114.0	160.1	196.6	196.6	160.1	114.0	58.1	24.0	10.9	3.0	0.5			
-40		2.1	8.3	18.9	35.3	62.6	102.5	131.2	131.2	102.5	62.6	35.3	18.9	8.3	2.1				
-50	0.3	1.1	5.0	12.7	24.0	37.0	49.6	57.4	57.4	49.6	37.0	24.0	12.7	5.0	1.1	0.3			
-60		0.4	1.7	5.5	11.2	17.8	24.3	28.0	28.0	24.3	17.8	11.2	5.5	1.7	0.4				
-70	0.1	1.0	3.5	9.1	12.4	9.1	3.5	1.0	0.1						0.1				
-80		1.0	3.5	9.1	12.4	9.1	3.5	1.0	0.1										
-90	0.1	1.0	3.5	9.1	12.4	9.1	3.5	1.0	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

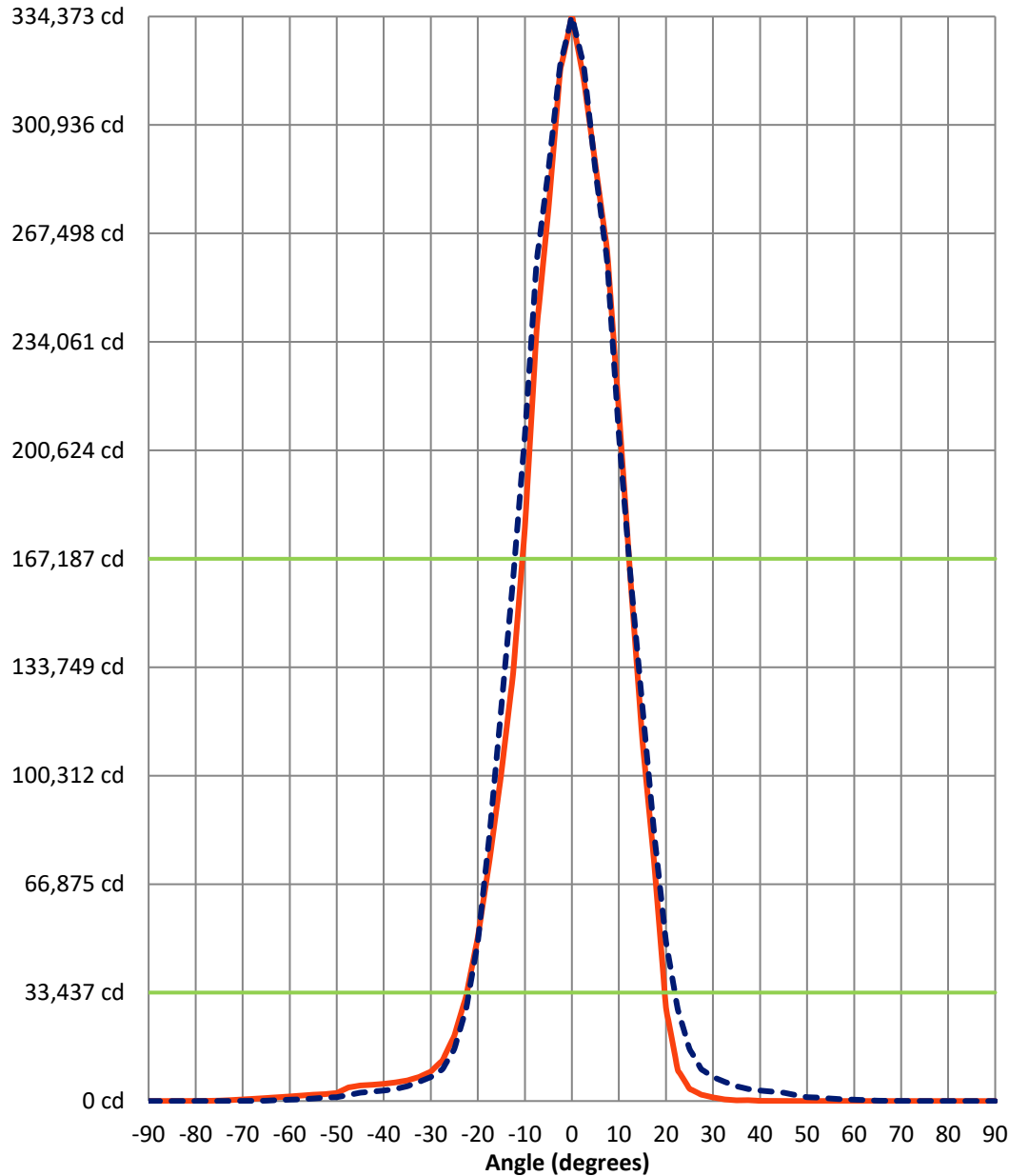
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

### Luminous Intensity Plot



**Beam:**  
H Angle: 24.3°  
V Angle: 22.7°  
Lumens: 32678.9  
Efficiency: 47.2%

**Field:**  
H Angle: 43.8°  
V Angle: 42.1°  
Lumens: 59035.9  
Efficiency: 85.2%

**Spill:**  
Lumens: 10265.7  
Efficiency: 14.8%

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



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.4	4.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
87.5°	3.4	3.5	3.5	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.4
85°	3.4	3.5	3.7	3.7	3.7	3.6	3.4	3.4	3.4	3.4	3.4
82.5°	3.4	3.6	3.8	3.9	3.8	3.7	3.4	3.4	3.4	3.5	3.4
80°	3.4	3.7	4.0	4.1	4.0	3.8	3.5	3.7	3.7	3.7	3.4
77.5°	3.4	3.8	4.1	4.2	4.2	4.0	3.9	4.1	4.0	3.9	3.5
75°	3.4	3.8	4.3	4.4	4.3	4.2	4.4	4.5	4.4	3.9	3.5
72.5°	3.4	3.9	4.4	4.6	4.5	4.5	4.8	4.8	4.4	4.0	3.6
70°	3.4	4.0	4.6	4.8	4.6	4.8	5.1	4.8	4.4	4.0	4.1
67.5°	3.4	4.1	4.7	4.8	4.8	5.0	5.1	4.9	4.5	4.5	4.7
65°	3.4	4.1	4.8	4.9	4.9	5.1	5.1	4.9	4.7	4.8	5.1
62.5°	3.4	4.2	5.0	4.9	5.0	5.1	5.1	5.0	4.9	5.2	5.3
60°	3.4	4.2	5.1	5.0	5.1	5.1	5.1	5.1	5.1	5.5	5.6
57.5°	3.4	4.3	5.1	5.0	5.1	5.1	5.2	5.1	5.4	5.8	5.9
55°	3.4	4.4	5.1	5.0	5.1	5.1	5.3	5.2	5.9	6.2	6.2
52.5°	3.4	4.4	5.1	5.1	5.1	5.1	5.4	5.6	6.3	6.7	6.7
50°	3.4	4.5	5.1	5.1	5.1	5.3	5.6	6.1	6.8	7.2	9.0
47.5°	3.4	4.5	5.1	5.1	5.1	5.5	5.8	6.6	7.4	7.8	11.3
45°	3.4	4.6	5.1	5.1	5.1	5.6	6.2	7.1	7.9	9.6	13.3
42.5°	3.4	4.7	5.1	5.1	5.1	5.8	6.6	7.5	8.4	11.2	17.2
40°	3.4	4.7	5.1	5.1	5.2	6.1	7.0	8.0	9.2	12.7	21.2
37.5°	3.4	4.7	5.1	5.1	5.4	6.3	7.3	8.4	10.3	14.6	25.0
35°	3.4	4.8	5.1	5.1	5.5	6.6	7.7	8.8	11.4	18.0	28.1
32.5°	3.4	4.8	5.1	5.1	5.7	6.8	8.0	9.2	12.3	21.5	30.8
30°	3.4	4.9	5.1	5.1	5.9	7.1	8.4	9.7	13.1	24.9	33.7
27.5°	3.4	4.9	5.1	5.1	6.0	7.4	8.7	10.4	14.7	28.3	36.7
25°	3.4	4.9	5.1	5.1	6.2	7.6	9.0	11.0	17.3	31.1	39.8
22.5°	3.4	5.0	5.1	5.1	6.3	7.8	9.3	11.6	19.9	33.5	45.4
20°	3.4	5.0	5.1	5.1	6.4	8.0	9.5	12.0	22.4	35.9	51.3
17.5°	3.4	5.0	5.1	5.1	6.5	8.1	9.8	12.4	24.7	38.3	57.6
15°	3.4	5.0	5.1	5.1	6.6	8.2	10.1	13.0	26.9	40.6	64.0
12.5°	3.4	5.1	5.1	5.1	6.6	8.3	10.4	13.7	29.4	42.7	70.5
10°	3.4	5.1	5.1	5.1	6.7	8.4	10.8	14.4	32.1	46.2	77.7
7.5°	3.4	5.1	5.1	5.1	6.7	8.4	11.1	15.1	34.7	49.8	86.6
5°	3.4	5.1	5.1	5.1	6.8	8.5	11.4	15.8	37.0	53.3	95.2
2.5°	3.4	5.1	5.1	5.1	6.8	8.5	11.7	16.4	39.1	56.5	103.2
0°	3.4	5.1	5.1	5.1	6.8	8.5	11.9	17.0	40.8	59.5	110.4
-2.5°	3.4	5.1	5.2	5.3	7.1	9.2	13.9	22.3	50.2	74.8	130.1
-5°	3.4	5.1	5.2	5.5	7.4	10.0	15.9	27.4	58.9	89.4	148.5
-7.5°	3.4	5.1	5.3	5.8	7.6	10.6	17.7	32.2	67.0	103.1	165.4
-10°	3.4	5.1	5.4	6.0	7.9	11.3	19.3	36.5	74.1	115.7	180.6
-12.5°	3.4	5.1	5.5	6.2	8.1	11.8	20.7	40.2	80.2	126.8	196.0
-15°	3.4	5.0	5.5	6.4	8.3	12.3	21.9	43.2	85.6	137.0	209.6
-17.5°	3.4	5.0	5.6	6.5	8.5	12.7	22.8	46.0	90.3	145.5	220.0
-20°	3.4	5.0	5.6	6.7	8.7	13.0	23.6	48.4	93.5	152.2	226.9



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.4	5.0	5.7	6.8	8.9	13.2	24.4	49.8	95.0	156.9	230.0
-25°	3.4	5.0	5.7	7.0	9.1	13.3	24.7	50.0	94.7	159.5	229.0
-27.5°	3.4	5.0	5.7	7.1	9.2	13.4	24.3	49.0	92.6	159.7	231.2
-30°	3.4	4.9	5.7	7.1	9.3	13.3	23.3	46.8	90.5	156.8	230.8
-32.5°	3.4	4.9	5.7	7.2	9.4	13.1	21.6	45.3	87.8	151.4	227.5
-35°	3.4	4.9	5.7	7.2	9.4	12.7	20.8	43.3	83.3	143.3	221.2
-37.5°	3.4	4.9	5.7	7.2	9.4	12.4	20.3	40.3	77.0	132.5	207.1
-40°	3.4	4.8	5.7	7.2	9.4	12.3	19.5	36.3	68.8	122.4	189.6
-42.5°	3.4	4.8	5.6	7.2	9.3	12.2	18.5	31.2	61.8	109.5	169.5
-45°	3.4	4.8	5.6	7.1	9.2	12.1	17.2	27.1	54.8	94.5	147.7
-47.5°	3.4	4.8	5.5	7.0	9.1	11.8	15.7	25.3	46.4	77.8	128.5
-50°	3.4	4.7	5.5	6.9	8.9	11.5	15.1	23.2	36.3	66.2	107.2
-52.5°	3.4	4.7	5.4	6.8	8.7	11.1	14.6	20.7	30.9	53.6	84.8
-55°	3.4	4.7	5.3	6.7	8.5	10.8	14.0	18.1	27.5	40.0	69.1
-57.5°	3.4	4.6	5.2	6.5	8.3	10.5	13.3	17.2	23.8	33.5	52.4
-60°	3.4	4.6	5.1	6.3	8.0	10.1	12.5	16.1	20.5	29.0	38.7
-62.5°	3.4	4.6	5.1	6.1	7.7	9.7	12.0	15.0	19.1	24.2	33.1
-65°	3.4	4.6	5.1	5.9	7.4	9.2	11.4	14.0	17.6	21.8	27.3
-67.5°	3.4	4.5	5.1	5.7	7.1	8.8	10.7	13.2	16.1	19.9	24.0
-70°	3.4	4.5	5.1	5.5	6.7	8.2	10.0	12.3	15.0	17.9	21.6
-72.5°	3.4	4.5	5.1	5.4	6.4	7.7	9.3	11.4	13.8	16.4	19.3
-75°	3.4	4.4	5.1	5.4	6.0	7.1	8.5	10.4	12.6	14.9	17.5
-77.5°	3.4	4.4	5.1	5.4	5.8	6.5	7.7	9.4	11.3	13.3	15.5
-80°	3.4	4.4	5.1	5.3	5.7	6.2	6.9	8.3	9.9	11.7	13.5
-82.5°	3.4	4.4	5.1	5.3	5.5	5.9	6.4	7.4	8.5	10.0	11.5
-85°	3.4	4.3	5.1	5.2	5.4	5.6	6.0	6.6	7.4	8.3	9.4
-87.5°	3.4	4.3	5.1	5.2	5.2	5.4	5.5	5.9	6.3	6.7	7.3
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.5	6.0	6.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	3.0	2.6	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	3.0	2.6	2.2	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.7
82.5°	3.2	3.0	2.9	2.9	2.8	2.5	2.2	1.9	2.0	2.0	1.9
80°	3.3	3.4	3.4	3.4	3.2	3.1	3.0	3.1	3.0	2.7	2.5
77.5°	3.4	3.4	3.4	3.4	3.4	3.5	3.8	4.2	4.2	4.1	3.9
75°	3.4	3.4	3.5	3.5	3.6	4.0	4.5	5.0	4.9	4.8	4.8
72.5°	3.7	3.9	3.9	3.6	3.9	4.5	4.9	5.1	6.1	7.5	8.4
70°	4.4	4.4	4.3	4.4	4.8	5.5	7.3	9.6	12.1	13.7	16.0
67.5°	5.0	4.8	4.9	5.3	6.5	8.5	11.1	17.1	23.8	26.4	27.7
65°	5.1	5.0	5.5	6.6	8.3	13.3	19.9	27.7	35.9	37.7	37.5
62.5°	5.1	5.3	6.2	8.8	13.6	19.9	28.4	37.2	45.7	44.3	39.1
60°	5.3	5.5	8.6	13.6	19.3	27.7	37.1	41.7	44.5	44.2	38.0
57.5°	5.5	7.5	12.6	19.1	27.2	34.4	37.4	40.2	41.8	43.2	35.8
55°	6.9	10.9	17.4	25.9	32.5	33.9	35.7	36.7	38.1	35.3	27.3
52.5°	10.0	14.8	23.4	30.8	33.7	33.4	31.7	31.9	29.5	25.7	21.7
50°	12.9	20.4	28.5	33.2	34.5	32.0	27.5	26.1	23.6	20.6	17.8
47.5°	17.3	25.8	31.6	35.5	34.6	31.0	25.8	22.6	20.0	19.2	16.6
45°	22.1	29.6	35.1	36.8	35.0	30.3	26.1	20.4	21.6	21.4	21.1
42.5°	26.7	32.7	37.4	38.8	35.0	31.9	28.1	26.8	26.6	30.0	32.3
40°	29.6	35.8	40.2	40.5	36.4	35.6	38.1	39.8	38.2	44.0	48.9
37.5°	32.3	38.9	44.3	46.4	41.1	45.3	51.7	69.6	71.3	61.0	78.1
35°	34.8	42.6	52.7	60.6	60.3	60.7	88.1	115.3	128.0	112.0	126.9
32.5°	37.9	46.8	64.2	84.8	101.9	104.7	134.4	189.7	215.6	216.7	214.6
30°	42.3	57.7	82.1	116.1	159.4	201.2	223.9	284.7	326.4	397.8	451.9
27.5°	48.5	71.7	112.4	169.1	237.3	320.4	371.0	406.1	509.0	642.5	786.5
25°	55.6	100.1	147.3	237.1	352.8	458.4	523.0	565.2	744.9	1009.8	1195.1
22.5°	71.1	136.7	198.4	314.3	483.3	602.1	670.2	806.4	1085.0	1440.6	1660.0
20°	97.7	181.4	258.4	384.7	616.9	749.1	813.6	1083.9	1513.9	1878.6	2180.8
17.5°	128.5	226.5	317.9	467.2	691.9	862.3	971.8	1381.0	1970.9	2298.5	2644.6
15°	162.4	271.6	370.9	540.5	764.2	929.3	1166.3	1739.1	2388.9	2701.7	3058.8
12.5°	198.2	316.0	417.8	604.7	835.5	991.2	1340.4	1994.6	2604.7	3028.2	3491.5
10°	234.8	359.5	459.2	660.2	904.2	1048.1	1503.8	2207.5	2718.7	3117.1	3657.7
7.5°	257.5	389.4	493.1	707.1	968.9	1100.2	1653.1	2379.4	2799.7	3169.7	3680.4
5°	273.9	403.8	509.8	739.0	1014.0	1141.5	1774.9	2512.0	2852.4	3190.7	3640.1
2.5°	286.0	415.0	523.9	763.0	1041.7	1169.9	1832.2	2563.0	2887.2	3216.4	3646.0
0°	293.9	423.0	535.2	779.8	1060.1	1194.3	1862.0	2580.7	2908.6	3238.1	3707.0
-2.5°	304.3	434.6	553.0	796.9	1064.8	1199.7	1866.4	2573.8	2920.9	3290.2	3773.0
-5°	311.2	443.0	567.3	806.5	1061.4	1200.4	1842.9	2537.0	2903.1	3277.4	3747.6
-7.5°	315.3	448.1	577.5	807.3	1043.2	1182.3	1763.0	2421.4	2803.4	3154.7	3616.8
-10°	318.7	455.4	587.1	793.6	1008.1	1150.7	1650.2	2284.2	2692.9	3016.4	3450.3
-12.5°	329.4	465.2	594.3	777.0	972.1	1115.0	1512.2	2129.5	2573.6	2864.4	3270.7
-15°	336.8	473.2	598.5	758.9	937.2	1075.6	1350.1	1960.9	2482.6	2809.3	3157.6
-17.5°	341.2	479.6	600.1	740.5	905.3	1032.6	1171.8	1804.5	2410.2	2779.5	3101.1
-20°	342.5	484.8	599.0	723.1	877.3	1007.1	1132.3	1614.7	2233.1	2731.9	3051.1



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	340.9	489.0	597.5	715.2	859.2	995.5	1117.1	1404.8	1999.3	2663.3	2987.2
-25°	339.8	483.2	597.2	704.1	838.8	981.6	1101.5	1208.7	1736.5	2399.5	2901.2
-27.5°	337.7	474.2	585.2	686.3	813.3	962.1	1083.0	1188.7	1494.3	2099.8	2766.2
-30°	330.1	450.0	568.7	664.2	787.5	929.1	1062.1	1174.2	1288.4	1793.8	2415.5
-32.5°	313.0	423.6	541.6	642.7	755.4	890.9	1032.5	1148.5	1264.5	1449.9	2039.5
-35°	294.9	398.7	509.8	616.0	716.6	847.0	982.2	1114.1	1229.5	1350.8	1638.5
-37.5°	281.0	371.4	476.7	582.6	682.5	797.1	926.5	1059.8	1184.2	1309.5	1451.1
-40°	264.1	341.8	443.7	545.1	644.9	748.3	867.8	993.8	1124.1	1268.3	1401.1
-42.5°	244.0	319.8	409.0	506.6	603.4	702.6	805.7	925.1	1061.3	1213.8	1354.3
-45°	218.8	294.6	373.4	464.9	558.4	652.9	750.9	854.3	990.9	1136.5	1285.9
-47.5°	190.5	265.3	341.4	419.6	509.4	600.5	692.1	796.5	911.9	1047.4	1192.7
-50°	161.2	230.5	304.8	377.0	456.3	543.8	632.1	732.7	841.5	954.3	1081.5
-52.5°	134.5	192.4	261.8	333.4	404.7	482.2	568.4	662.3	763.0	870.4	975.1
-55°	105.4	157.2	214.8	283.1	353.3	422.5	496.6	582.6	675.3	773.4	871.3
-57.5°	81.9	120.7	170.3	227.3	293.8	362.7	428.6	497.2	578.3	666.2	751.9
-60°	61.4	89.2	126.7	175.0	228.5	292.0	357.7	421.2	485.6	550.5	626.3
-62.5°	42.7	64.2	90.2	123.5	169.4	219.1	276.7	337.1	398.5	454.4	509.7
-65°	35.8	43.0	61.0	85.3	111.1	153.1	199.2	247.5	301.4	349.6	399.3
-67.5°	28.6	35.3	41.7	51.5	73.7	97.9	124.0	164.8	206.8	241.6	277.1
-70°	25.0	27.9	33.2	39.0	44.6	54.4	75.7	98.4	121.0	143.6	172.7
-72.5°	22.0	24.5	27.1	29.9	34.6	39.3	44.1	48.9	61.6	78.9	94.8
-75°	19.3	21.0	23.1	25.4	27.7	29.8	32.2	36.2	40.1	44.1	48.1
-77.5°	16.9	18.1	19.5	21.0	22.7	24.5	26.3	28.1	29.7	31.3	33.0
-80°	14.5	15.3	16.2	17.2	18.4	19.6	20.9	22.2	23.3	24.3	25.4
-82.5°	12.1	12.7	13.3	13.9	14.4	14.9	15.5	16.3	17.1	17.8	18.5
-85°	9.8	10.2	10.6	10.9	11.3	11.7	12.0	12.3	12.6	12.9	13.2
-87.5°	7.7	8.1	8.4	8.7	8.9	9.0	9.1	9.2	9.3	9.4	9.5
-90°	3.0	2.6	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.8	7.2	7.7	8.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	2.2	2.2	2.1	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.1	1.7	1.7	1.7
75°	4.9	5.0	5.1	4.8	4.4	4.0	3.7	3.4	3.1	3.2	3.2
72.5°	9.0	9.0	8.6	8.6	8.0	7.8	7.9	7.7	7.5	7.6	7.9
70°	17.4	17.9	17.5	16.4	14.6	13.2	12.5	11.5	10.3	10.1	10.6
67.5°	27.4	26.1	24.6	22.6	19.5	16.9	15.6	14.4	13.2	12.9	13.2
65°	34.9	29.6	25.9	23.0	20.6	18.1	16.5	14.9	13.3	12.3	12.2
62.5°	33.7	27.6	23.6	20.9	18.7	16.7	14.7	12.7	10.8	9.6	9.6
60°	31.6	24.9	19.8	17.2	15.2	13.7	11.9	10.4	9.2	8.5	8.6
57.5°	26.9	19.7	15.0	13.9	12.5	10.9	9.7	9.1	8.7	8.5	8.5
55°	20.7	16.6	13.8	12.3	10.9	9.5	8.6	8.8	8.7	8.5	8.9
52.5°	17.1	14.7	12.8	11.3	10.7	10.2	10.1	10.1	10.3	10.5	10.8
50°	15.3	13.6	12.8	11.8	11.7	11.8	11.7	12.3	12.8	12.9	12.8
47.5°	15.4	14.8	15.5	13.5	13.9	15.1	15.2	15.3	16.4	16.8	16.6
45°	19.5	23.5	23.6	21.7	20.6	25.1	25.4	23.0	35.3	34.5	26.1
42.5°	34.7	37.0	37.2	39.2	43.5	57.2	82.5	105.3	108.8	95.6	65.6
40°	56.0	54.1	58.4	70.1	103.8	134.6	158.0	227.7	227.1	177.7	179.0
37.5°	91.2	89.1	95.7	131.1	142.0	122.7	172.9	177.7	152.2	181.4	183.9
35°	157.0	177.9	155.1	192.5	194.4	173.8	186.6	208.3	177.6	212.5	227.6
32.5°	286.1	323.1	326.6	323.8	343.1	361.9	350.9	403.5	412.9	447.8	486.2
30°	464.8	536.1	590.6	580.2	612.1	668.3	686.7	767.1	847.1	896.8	1018.5
27.5°	810.1	846.1	957.8	1036.4	1018.2	1110.0	1292.1	1348.4	1578.1	1688.1	1846.5
25°	1282.8	1346.7	1505.8	1692.5	1772.5	1926.2	2222.0	2363.5	2665.2	2819.2	3399.9
22.5°	1868.4	2084.8	2284.5	2535.4	2895.3	3200.9	3529.7	4082.4	4980.3	6270.5	7810.7
20°	2537.1	2899.8	3201.8	3665.1	4261.7	4836.6	5687.2	8139.7	10744.4	16177.4	19868.8
17.5°	3169.6	3745.4	4167.4	4782.7	5664.0	7103.0	10033.1	15515.0	24130.6	34655.2	44701.8
15°	3663.2	4251.8	5034.0	5962.7	7308.7	10124.9	15477.0	26312.6	42738.8	58776.0	75650.0
12.5°	4080.4	4702.8	5560.1	6818.3	8831.4	13893.3	23516.5	39838.9	61492.7	85367.1	110592.8
10°	4348.8	5104.7	6131.5	7793.1	11138.4	18330.0	30840.5	52712.8	81819.1	112989.6	141027.3
7.5°	4396.1	5318.4	6619.0	8640.1	13427.5	22958.3	39551.8	65281.9	97159.3	132266.2	167577.6
5°	4414.9	5517.4	7031.0	9305.5	15000.0	26306.1	44570.1	73334.4	108730.0	144785.3	182788.7
2.5°	4465.3	5712.8	7333.4	9771.0	15907.2	28302.5	47470.1	79102.6	116444.7	155596.4	197967.9
0°	4570.1	5917.3	7398.8	9850.3	16097.3	28344.8	49143.0	82407.9	121476.2	161032.2	205228.0
-2.5°	4626.9	5891.1	7343.6	9688.6	15852.2	28349.2	47535.3	80108.3	118852.5	157446.4	201983.0
-5°	4529.4	5628.0	7003.9	9200.1	14779.8	26082.1	44341.6	74170.6	109931.4	144631.6	180445.0
-7.5°	4319.9	5257.9	6521.0	8506.7	13116.9	22568.1	38569.2	63062.7	93429.3	123596.1	151497.7
-10°	4076.0	4865.6	5901.5	7500.0	10766.9	17844.4	30178.3	49450.5	75533.7	101430.7	124977.2
-12.5°	3812.7	4427.6	5194.6	6300.2	8333.9	13473.6	22871.3	37642.4	55678.1	75214.3	96601.9
-15°	3587.7	4041.0	4622.4	5564.0	7115.3	10037.7	15352.4	25182.0	38114.9	53430.3	69196.2
-17.5°	3436.4	3773.5	4279.8	4998.1	5951.7	7687.5	11534.0	17361.8	25683.3	37145.9	47558.3
-20°	3327.9	3644.9	4046.7	4612.2	5410.9	6634.7	8516.8	12533.5	18009.3	25438.9	32506.6



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3250.4	3535.7	3875.2	4330.3	5043.5	5999.9	7201.3	9150.8	12599.2	16980.5	21894.0
-25°	3174.3	3410.8	3785.3	4274.7	4764.9	5449.2	6279.5	7236.7	9073.9	11021.8	14037.9
-27.5°	3087.1	3379.8	3798.2	4255.3	4697.0	5036.7	5626.1	6286.3	7259.1	8200.8	9750.3
-30°	3023.6	3397.9	3814.2	4253.5	4593.8	4894.0	5223.7	5728.2	6357.7	7023.3	7735.6
-32.5°	2707.6	3342.2	3769.5	4163.3	4444.8	4723.8	5015.8	5365.9	5768.3	6189.9	6622.6
-35°	2284.1	2960.0	3622.9	3931.7	4216.9	4498.2	4802.8	5086.3	5370.3	5655.4	5927.1
-37.5°	1765.1	2427.4	3053.6	3593.1	3920.7	4207.1	4531.8	4822.8	5071.8	5286.1	5495.2
-40°	1541.9	1773.2	2379.0	2946.9	3423.5	3877.5	4183.5	4505.8	4783.5	4981.1	5158.7
-42.5°	1480.5	1610.8	1745.1	2180.6	2706.9	3173.5	3588.6	3991.9	4373.5	4648.3	4859.5
-45°	1427.3	1537.5	1652.6	1781.0	1909.3	2318.4	2749.9	3184.3	3633.5	4035.7	4361.3
-47.5°	1328.7	1462.2	1575.5	1681.7	1783.8	1900.1	2020.4	2193.4	2587.7	2990.0	3356.8
-50°	1206.9	1332.0	1458.3	1584.0	1678.5	1767.8	1859.2	1962.4	2077.3	2194.6	2293.4
-52.5°	1074.2	1189.3	1305.9	1416.7	1522.5	1625.3	1725.7	1816.7	1902.3	1984.9	2033.5
-55°	966.4	1058.6	1150.4	1245.4	1341.9	1435.9	1529.2	1623.3	1714.0	1800.6	1848.9
-57.5°	840.7	932.6	1020.5	1092.9	1167.7	1244.2	1324.0	1405.1	1484.6	1558.6	1600.2
-60°	704.2	783.9	860.0	930.3	999.7	1067.4	1132.9	1197.2	1259.0	1312.7	1345.3
-62.5°	566.9	631.7	694.9	754.7	812.9	870.1	931.3	989.4	1044.0	1088.2	1115.3
-65°	449.8	499.2	543.1	586.2	628.7	677.6	729.7	779.0	825.3	861.3	885.1
-67.5°	318.5	361.1	401.3	439.7	475.0	509.8	546.9	583.1	618.0	645.0	664.2
-70°	200.7	227.6	254.1	282.4	313.3	344.0	374.5	402.6	428.4	447.7	462.3
-72.5°	109.4	122.3	135.8	155.9	175.2	195.7	216.7	236.5	255.0	268.1	277.7
-75°	52.0	57.8	68.2	77.5	85.7	94.7	103.8	112.2	119.9	123.9	126.1
-77.5°	35.6	38.5	41.1	43.4	45.5	48.2	51.1	54.0	56.9	58.7	60.2
-80°	26.5	27.7	28.8	30.0	31.2	32.4	33.6	34.7	35.7	36.7	37.5
-82.5°	19.2	19.8	20.4	20.9	21.4	22.2	23.1	23.9	24.6	25.3	25.9
-85°	13.5	13.8	14.2	14.4	14.7	15.1	15.6	16.1	16.6	16.8	16.8
-87.5°	9.6	10.1	10.6	11.1	11.6	11.6	11.7	11.7	11.8	11.8	11.8
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.5	8.5	9.4	10.2	9.4	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	0.4	0.0	0.8	1.7	0.8	0.0	0.4	0.9	1.3	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	2.5	3.4	2.5	1.7	1.7	1.7	1.7	1.7	2.1
75°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.4
72.5°	8.2	8.4	8.5	8.5	8.5	8.4	8.2	7.9	7.6	7.5	7.7
70°	11.2	11.7	11.9	11.9	11.9	11.7	11.2	10.6	10.1	10.3	11.5
67.5°	13.4	13.5	13.6	13.6	13.6	13.5	13.4	13.2	12.9	13.2	14.4
65°	12.1	12.0	11.2	10.2	11.2	12.0	12.1	12.2	12.3	13.3	14.9
62.5°	9.8	10.2	10.2	10.2	10.2	10.2	9.8	9.6	9.6	10.8	12.7
60°	8.6	8.6	8.5	8.5	8.5	8.6	8.6	8.6	8.5	9.2	10.4
57.5°	8.5	8.5	9.2	10.2	9.2	8.5	8.5	8.5	8.5	8.7	9.1
55°	9.4	9.9	10.2	10.2	10.2	9.9	9.4	8.9	8.5	8.7	8.8
52.5°	10.7	10.4	10.2	10.2	10.2	10.4	10.7	10.8	10.5	10.3	10.1
50°	12.4	12.0	11.9	11.9	11.9	12.0	12.4	12.8	12.9	12.8	12.3
47.5°	16.3	15.6	15.2	15.3	15.2	15.6	16.3	16.6	16.8	16.4	15.3
45°	26.8	26.9	26.9	27.2	26.9	26.9	26.8	26.1	34.5	35.3	23.0
42.5°	63.0	54.5	47.1	47.6	47.1	54.5	63.0	65.6	95.6	108.8	105.3
40°	161.3	120.7	80.3	68.0	80.3	120.7	161.3	179.0	177.7	227.1	227.7
37.5°	166.2	169.5	199.5	268.4	199.5	169.5	166.2	183.9	181.4	152.2	177.7
35°	232.3	235.9	227.6	222.6	227.6	235.9	232.3	227.6	212.5	177.6	208.3
32.5°	493.9	515.8	513.1	499.5	513.1	515.8	493.9	486.2	447.8	412.9	403.5
30°	1063.8	1119.5	1113.5	1124.7	1113.5	1119.5	1063.8	1018.5	896.8	847.1	767.1
27.5°	1909.2	1978.0	1990.5	1975.8	1990.5	1978.0	1909.2	1846.5	1688.1	1578.1	1348.4
25°	3789.9	3898.6	3858.9	3807.3	3858.9	3898.6	3789.9	3399.9	2819.2	2665.2	2363.5
22.5°	9611.4	10041.7	9997.5	9634.6	9997.5	10041.7	9611.4	7810.7	6270.5	4980.3	4082.4
20°	26406.4	29247.8	30484.4	28808.6	30484.4	29247.8	26406.4	19868.8	16177.4	10744.4	8139.7
17.5°	55892.9	64550.3	70705.9	73274.5	70705.9	64550.3	55892.9	44701.8	34655.2	24130.6	15515.0
15°	91426.4	104458.5	112037.7	111019.4	112037.7	104458.5	91426.4	75650.0	58776.0	42738.8	26312.6
12.5°	131466.7	146912.8	159713.6	159984.8	159713.6	146912.8	131466.7	110592.8	85367.1	61492.7	39838.9
10°	170195.8	191633.6	209105.2	212490.8	209105.2	191633.6	170195.8	141027.3	112989.6	81819.1	52712.8
7.5°	199251.4	232115.3	254047.0	262083.2	254047.0	232115.3	199251.4	167577.6	132266.2	97159.3	65281.9
5°	227965.3	262401.4	284748.5	288712.9	284748.5	262401.4	227965.3	182788.7	144785.3	108730.0	73334.4
2.5°	247332.4	282069.2	301624.7	315188.9	301624.7	282069.2	247332.4	197967.9	155596.4	116444.7	79102.6
0°	258676.8	286980.0	319338.5	334373.1	319338.5	286980.0	258676.8	205228.0	161032.2	121476.2	82407.9
-2.5°	250099.5	281939.9	300465.7	317550.4	300465.7	281939.9	250099.5	201983.0	157446.4	118852.5	80108.3
-5°	221692.2	256320.3	272687.0	274822.5	272687.0	256320.3	221692.2	180445.0	144631.6	109931.4	74170.6
-7.5°	181148.6	213390.1	229103.8	237778.4	229103.8	213390.1	181148.6	151497.7	123596.1	93429.3	63062.7
-10°	146641.5	165457.1	176035.4	176731.9	176035.4	165457.1	146641.5	124977.2	101430.7	75533.7	49450.5
-12.5°	113215.0	125835.8	132092.3	131863.5	132092.3	125835.8	113215.0	96601.9	75214.3	55678.1	37642.4
-15°	83079.1	92884.2	98527.6	101233.6	98527.6	92884.2	83079.1	69196.2	53430.3	38114.9	25182.0
-17.5°	58640.0	66429.3	72084.1	74368.6	72084.1	66429.3	58640.0	47558.3	37145.9	25683.3	17361.8
-20°	39976.7	45315.1	48983.8	50541.2	48983.8	45315.1	39976.7	32506.6	25438.9	18009.3	12533.5



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26332.2	29911.0	32426.4	32291.4	32426.4	29911.0	26332.2	21894.0	16980.5	12599.2	9150.8
-25°	16786.4	18754.2	20046.2	20150.9	20046.2	18754.2	16786.4	14037.9	11021.8	9073.9	7236.7
-27.5°	11110.4	11975.4	12496.8	12587.3	12496.8	11975.4	11110.4	9750.3	8200.8	7259.1	6286.3
-30°	8409.1	8807.1	9105.2	9092.6	9105.2	8807.1	8409.1	7735.6	7023.3	6357.7	5728.2
-32.5°	6990.7	7186.6	7317.1	7422.6	7317.1	7186.6	6990.7	6622.6	6189.9	5768.3	5365.9
-35°	6113.5	6213.2	6286.0	6352.3	6286.0	6213.2	6113.5	5927.1	5655.4	5370.3	5086.3
-37.5°	5615.5	5684.5	5730.3	5745.8	5730.3	5684.5	5615.5	5495.2	5286.1	5071.8	4822.8
-40°	5226.5	5265.5	5288.6	5302.3	5288.6	5265.5	5226.5	5158.7	4981.1	4783.5	4505.8
-42.5°	4934.8	4988.1	5015.7	5015.2	5015.7	4988.1	4934.8	4859.5	4648.3	4373.5	3991.9
-45°	4548.0	4683.0	4764.8	4799.5	4764.8	4683.0	4548.0	4361.3	4035.7	3633.5	3184.3
-47.5°	3657.4	3913.7	4093.4	4187.8	4093.4	3913.7	3657.4	3356.8	2990.0	2587.7	2193.4
-50°	2382.3	2467.9	2504.0	2488.9	2504.0	2467.9	2382.3	2293.4	2194.6	2077.3	1962.4
-52.5°	2069.5	2100.2	2118.8	2127.0	2118.8	2100.2	2069.5	2033.5	1984.9	1902.3	1816.7
-55°	1889.7	1923.8	1945.9	1957.2	1945.9	1923.8	1889.7	1848.9	1800.6	1714.0	1623.3
-57.5°	1634.9	1662.4	1679.2	1687.0	1679.2	1662.4	1634.9	1600.2	1558.6	1484.6	1405.1
-60°	1373.2	1395.8	1410.6	1418.6	1410.6	1395.8	1373.2	1345.3	1312.7	1259.0	1197.2
-62.5°	1137.3	1154.0	1168.7	1179.1	1168.7	1154.0	1137.3	1115.3	1088.2	1044.0	989.4
-65°	904.5	919.4	930.0	936.1	930.0	919.4	904.5	885.1	861.3	825.3	779.0
-67.5°	679.9	692.0	702.0	708.5	702.0	692.0	679.9	664.2	645.0	618.0	583.1
-70°	474.1	483.0	491.7	497.8	491.7	483.0	474.1	462.3	447.7	428.4	402.6
-72.5°	285.4	291.0	293.7	293.9	293.7	291.0	285.4	277.7	268.1	255.0	236.5
-75°	127.4	127.7	130.3	132.5	130.3	127.7	127.4	126.1	123.9	119.9	112.2
-77.5°	61.4	62.4	63.6	64.6	63.6	62.4	61.4	60.2	58.7	56.9	54.0
-80°	38.2	38.9	39.1	39.1	39.1	38.9	38.2	37.5	36.7	35.7	34.7
-82.5°	26.5	27.1	27.2	27.2	27.2	27.1	26.5	25.9	25.3	24.6	23.9
-85°	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.8	16.8	16.6	16.1
-87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.7
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.5	8.5	8.5	8.1	7.7	7.2	6.8	6.8	6.8	6.8	6.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	1.9
80°	1.7	1.7	1.7	2.0	2.1	2.2	2.2	2.5	2.7	3.0	3.1
77.5°	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.2	4.2
75°	3.7	4.0	4.4	4.8	5.1	5.0	4.9	4.8	4.8	4.9	5.0
72.5°	7.9	7.8	8.0	8.6	8.6	9.0	9.0	8.4	7.5	6.1	5.1
70°	12.5	13.2	14.6	16.4	17.5	17.9	17.4	16.0	13.7	12.1	9.6
67.5°	15.6	16.9	19.5	22.6	24.6	26.1	27.4	27.7	26.4	23.8	17.1
65°	16.5	18.1	20.6	23.0	25.9	29.6	34.9	37.5	37.7	35.9	27.7
62.5°	14.7	16.7	18.7	20.9	23.6	27.6	33.7	39.1	44.3	45.7	37.2
60°	11.9	13.7	15.2	17.2	19.8	24.9	31.6	38.0	44.2	44.5	41.7
57.5°	9.7	10.9	12.5	13.9	15.0	19.7	26.9	35.8	43.2	41.8	40.2
55°	8.6	9.5	10.9	12.3	13.8	16.6	20.7	27.3	35.3	38.1	36.7
52.5°	10.1	10.2	10.7	11.3	12.8	14.7	17.1	21.7	25.7	29.5	31.9
50°	11.7	11.8	11.7	11.8	12.8	13.6	15.3	17.8	20.6	23.6	26.1
47.5°	15.2	15.1	13.9	13.5	15.5	14.8	15.4	16.6	19.2	20.0	22.6
45°	25.4	25.1	20.6	21.7	23.6	23.5	19.5	21.1	21.4	21.6	20.4
42.5°	82.5	57.2	43.5	39.2	37.2	37.0	34.7	32.3	30.0	26.6	26.8
40°	158.0	134.6	103.8	70.1	58.4	54.1	56.0	48.9	44.0	38.2	39.8
37.5°	172.9	122.7	142.0	131.1	95.7	89.1	91.2	78.1	61.0	71.3	69.6
35°	186.6	173.8	194.4	192.5	155.1	177.9	157.0	126.9	112.0	128.0	115.3
32.5°	350.9	361.9	343.1	323.8	326.6	323.1	286.1	214.6	216.7	215.6	189.7
30°	686.7	668.3	612.1	580.2	590.6	536.1	464.8	451.9	397.8	326.4	284.7
27.5°	1292.1	1110.0	1018.2	1036.4	957.8	846.1	810.1	786.5	642.5	509.0	406.1
25°	2222.0	1926.2	1772.5	1692.5	1505.8	1346.7	1282.8	1195.1	1009.8	744.9	565.2
22.5°	3529.7	3200.9	2895.3	2535.4	2284.5	2084.8	1868.4	1660.0	1440.6	1085.0	806.4
20°	5687.2	4836.6	4261.7	3665.1	3201.8	2899.8	2537.1	2180.8	1878.6	1513.9	1083.9
17.5°	10033.1	7103.0	5664.0	4782.7	4167.4	3745.4	3169.6	2644.6	2298.5	1970.9	1381.0
15°	15477.0	10124.9	7308.7	5962.7	5034.0	4251.8	3663.2	3058.8	2701.7	2388.9	1739.1
12.5°	23516.5	13893.3	8831.4	6818.3	5560.1	4702.8	4080.4	3491.5	3028.2	2604.7	1994.6
10°	30840.5	18330.0	11138.4	7793.1	6131.5	5104.7	4348.8	3657.7	3117.1	2718.7	2207.5
7.5°	39551.8	22958.3	13427.5	8640.1	6619.0	5318.4	4396.1	3680.4	3169.7	2799.7	2379.4
5°	44570.1	26306.1	15000.0	9305.5	7031.0	5517.4	4414.9	3640.1	3190.7	2852.4	2512.0
2.5°	47470.1	28302.5	15907.2	9771.0	7333.4	5712.8	4465.3	3646.0	3216.4	2887.2	2563.0
0°	49143.0	28344.8	16097.3	9850.3	7398.8	5917.3	4570.1	3707.0	3238.1	2908.6	2580.7
-2.5°	47535.3	28349.2	15852.2	9688.6	7343.6	5891.1	4626.9	3773.0	3290.2	2920.9	2573.8
-5°	44341.6	26082.1	14779.8	9200.1	7003.9	5628.0	4529.4	3747.6	3277.4	2903.1	2537.0
-7.5°	38569.2	22568.1	13116.9	8506.7	6521.0	5257.9	4319.9	3616.8	3154.7	2803.4	2421.4
-10°	30178.3	17844.4	10766.9	7500.0	5901.5	4865.6	4076.0	3450.3	3016.4	2692.9	2284.2
-12.5°	22871.3	13473.6	8333.9	6300.2	5194.6	4427.6	3812.7	3270.7	2864.4	2573.6	2129.5
-15°	15352.4	10037.7	7115.3	5564.0	4622.4	4041.0	3587.7	3157.6	2809.3	2482.6	1960.9
-17.5°	11534.0	7687.5	5951.7	4998.1	4279.8	3773.5	3436.4	3101.1	2779.5	2410.2	1804.5
-20°	8516.8	6634.7	5410.9	4612.2	4046.7	3644.9	3327.9	3051.1	2731.9	2233.1	1614.7



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7201.3	5999.9	5043.5	4330.3	3875.2	3535.7	3250.4	2987.2	2663.3	1999.3	1404.8
-25°	6279.5	5449.2	4764.9	4274.7	3785.3	3410.8	3174.3	2901.2	2399.5	1736.5	1208.7
-27.5°	5626.1	5036.7	4697.0	4255.3	3798.2	3379.8	3087.1	2766.2	2099.8	1494.3	1188.7
-30°	5223.7	4894.0	4593.8	4253.5	3814.2	3397.9	3023.6	2415.5	1793.8	1288.4	1174.2
-32.5°	5015.8	4723.8	4444.8	4163.3	3769.5	3342.2	2707.6	2039.5	1449.9	1264.5	1148.5
-35°	4802.8	4498.2	4216.9	3931.7	3622.9	2960.0	2284.1	1638.5	1350.8	1229.5	1114.1
-37.5°	4531.8	4207.1	3920.7	3593.1	3053.6	2427.4	1765.1	1451.1	1309.5	1184.2	1059.8
-40°	4183.5	3877.5	3423.5	2946.9	2379.0	1773.2	1541.9	1401.1	1268.3	1124.1	993.8
-42.5°	3588.6	3173.5	2706.9	2180.6	1745.1	1610.8	1480.5	1354.3	1213.8	1061.3	925.1
-45°	2749.9	2318.4	1909.3	1781.0	1652.6	1537.5	1427.3	1285.9	1136.5	990.9	854.3
-47.5°	2020.4	1900.1	1783.8	1681.7	1575.5	1462.2	1328.7	1192.7	1047.4	911.9	796.5
-50°	1859.2	1767.8	1678.5	1584.0	1458.3	1332.0	1206.9	1081.5	954.3	841.5	732.7
-52.5°	1725.7	1625.3	1522.5	1416.7	1305.9	1189.3	1074.2	975.1	870.4	763.0	662.3
-55°	1529.2	1435.9	1341.9	1245.4	1150.4	1058.6	966.4	871.3	773.4	675.3	582.6
-57.5°	1324.0	1244.2	1167.7	1092.9	1020.5	932.6	840.7	751.9	666.2	578.3	497.2
-60°	1132.9	1067.4	999.7	930.3	860.0	783.9	704.2	626.3	550.5	485.6	421.2
-62.5°	931.3	870.1	812.9	754.7	694.9	631.7	566.9	509.7	454.4	398.5	337.1
-65°	729.7	677.6	628.7	586.2	543.1	499.2	449.8	399.3	349.6	301.4	247.5
-67.5°	546.9	509.8	475.0	439.7	401.3	361.1	318.5	277.1	241.6	206.8	164.8
-70°	374.5	344.0	313.3	282.4	254.1	227.6	200.7	172.7	143.6	121.0	98.4
-72.5°	216.7	195.7	175.2	155.9	135.8	122.3	109.4	94.8	78.9	61.6	48.9
-75°	103.8	94.7	85.7	77.5	68.2	57.8	52.0	48.1	44.1	40.1	36.2
-77.5°	51.1	48.2	45.5	43.4	41.1	38.5	35.6	33.0	31.3	29.7	28.1
-80°	33.6	32.4	31.2	30.0	28.8	27.7	26.5	25.4	24.3	23.3	22.2
-82.5°	23.1	22.2	21.4	20.9	20.4	19.8	19.2	18.5	17.8	17.1	16.3
-85°	15.6	15.1	14.7	14.4	14.2	13.8	13.5	13.2	12.9	12.6	12.3
-87.5°	11.7	11.6	11.6	11.1	10.6	10.1	9.6	9.5	9.4	9.3	9.2
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.8	6.8	6.8	6.8	6.4	6.0	5.5	5.1	5.1	5.1	5.1
87.5°	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4	3.4	3.4
85°	1.9	1.9	2.0	2.0	2.2	2.6	3.0	3.4	3.4	3.4	3.4
82.5°	2.2	2.5	2.8	2.9	2.9	3.0	3.2	3.4	3.5	3.4	3.4
80°	3.0	3.1	3.2	3.4	3.4	3.4	3.3	3.4	3.7	3.7	3.7
77.5°	3.8	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.9	4.0	4.1
75°	4.5	4.0	3.6	3.5	3.5	3.4	3.4	3.5	3.9	4.4	4.5
72.5°	4.9	4.5	3.9	3.6	3.9	3.9	3.7	3.6	4.0	4.4	4.8
70°	7.3	5.5	4.8	4.4	4.3	4.4	4.4	4.1	4.0	4.4	4.8
67.5°	11.1	8.5	6.5	5.3	4.9	4.8	5.0	4.7	4.5	4.5	4.9
65°	19.9	13.3	8.3	6.6	5.5	5.0	5.1	5.1	4.8	4.7	4.9
62.5°	28.4	19.9	13.6	8.8	6.2	5.3	5.1	5.3	5.2	4.9	5.0
60°	37.1	27.7	19.3	13.6	8.6	5.5	5.3	5.6	5.5	5.1	5.1
57.5°	37.4	34.4	27.2	19.1	12.6	7.5	5.5	5.9	5.8	5.4	5.1
55°	35.7	33.9	32.5	25.9	17.4	10.9	6.9	6.2	6.2	5.9	5.2
52.5°	31.7	33.4	33.7	30.8	23.4	14.8	10.0	6.7	6.7	6.3	5.6
50°	27.5	32.0	34.5	33.2	28.5	20.4	12.9	9.0	7.2	6.8	6.1
47.5°	25.8	31.0	34.6	35.5	31.6	25.8	17.3	11.3	7.8	7.4	6.6
45°	26.1	30.3	35.0	36.8	35.1	29.6	22.1	13.3	9.6	7.9	7.1
42.5°	28.1	31.9	35.0	38.8	37.4	32.7	26.7	17.2	11.2	8.4	7.5
40°	38.1	35.6	36.4	40.5	40.2	35.8	29.6	21.2	12.7	9.2	8.0
37.5°	51.7	45.3	41.1	46.4	44.3	38.9	32.3	25.0	14.6	10.3	8.4
35°	88.1	60.7	60.3	60.6	52.7	42.6	34.8	28.1	18.0	11.4	8.8
32.5°	134.4	104.7	101.9	84.8	64.2	46.8	37.9	30.8	21.5	12.3	9.2
30°	223.9	201.2	159.4	116.1	82.1	57.7	42.3	33.7	24.9	13.1	9.7
27.5°	371.0	320.4	237.3	169.1	112.4	71.7	48.5	36.7	28.3	14.7	10.4
25°	523.0	458.4	352.8	237.1	147.3	100.1	55.6	39.8	31.1	17.3	11.0
22.5°	670.2	602.1	483.3	314.3	198.4	136.7	71.1	45.4	33.5	19.9	11.6
20°	813.6	749.1	616.9	384.7	258.4	181.4	97.7	51.3	35.9	22.4	12.0
17.5°	971.8	862.3	691.9	467.2	317.9	226.5	128.5	57.6	38.3	24.7	12.4
15°	1166.3	929.3	764.2	540.5	370.9	271.6	162.4	64.0	40.6	26.9	13.0
12.5°	1340.4	991.2	835.5	604.7	417.8	316.0	198.2	70.5	42.7	29.4	13.7
10°	1503.8	1048.1	904.2	660.2	459.2	359.5	234.8	77.7	46.2	32.1	14.4
7.5°	1653.1	1100.2	968.9	707.1	493.1	389.4	257.5	86.6	49.8	34.7	15.1
5°	1774.9	1141.5	1014.0	739.0	509.8	403.8	273.9	95.2	53.3	37.0	15.8
2.5°	1832.2	1169.9	1041.7	763.0	523.9	415.0	286.0	103.2	56.5	39.1	16.4
0°	1862.0	1194.3	1060.1	779.8	535.2	423.0	293.9	110.4	59.5	40.8	17.0
-2.5°	1866.4	1199.7	1064.8	796.9	553.0	434.6	304.3	130.1	74.8	50.2	22.3
-5°	1842.9	1200.4	1061.4	806.5	567.3	443.0	311.2	148.5	89.4	58.9	27.4
-7.5°	1763.0	1182.3	1043.2	807.3	577.5	448.1	315.3	165.4	103.1	67.0	32.2
-10°	1650.2	1150.7	1008.1	793.6	587.1	455.4	318.7	180.6	115.7	74.1	36.5
-12.5°	1512.2	1115.0	972.1	777.0	594.3	465.2	329.4	196.0	126.8	80.2	40.2
-15°	1350.1	1075.6	937.2	758.9	598.5	473.2	336.8	209.6	137.0	85.6	43.2
-17.5°	1171.8	1032.6	905.3	740.5	600.1	479.6	341.2	220.0	145.5	90.3	46.0
-20°	1132.3	1007.1	877.3	723.1	599.0	484.8	342.5	226.9	152.2	93.5	48.4



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1117.1	995.5	859.2	715.2	597.5	489.0	340.9	230.0	156.9	95.0	49.8
-25°	1101.5	981.6	838.8	704.1	597.2	483.2	339.8	229.0	159.5	94.7	50.0
-27.5°	1083.0	962.1	813.3	686.3	585.2	474.2	337.7	231.2	159.7	92.6	49.0
-30°	1062.1	929.1	787.5	664.2	568.7	450.0	330.1	230.8	156.8	90.5	46.8
-32.5°	1032.5	890.9	755.4	642.7	541.6	423.6	313.0	227.5	151.4	87.8	45.3
-35°	982.2	847.0	716.6	616.0	509.8	398.7	294.9	221.2	143.3	83.3	43.3
-37.5°	926.5	797.1	682.5	582.6	476.7	371.4	281.0	207.1	132.5	77.0	40.3
-40°	867.8	748.3	644.9	545.1	443.7	341.8	264.1	189.6	122.4	68.8	36.3
-42.5°	805.7	702.6	603.4	506.6	409.0	319.8	244.0	169.5	109.5	61.8	31.2
-45°	750.9	652.9	558.4	464.9	373.4	294.6	218.8	147.7	94.5	54.8	27.1
-47.5°	692.1	600.5	509.4	419.6	341.4	265.3	190.5	128.5	77.8	46.4	25.3
-50°	632.1	543.8	456.3	377.0	304.8	230.5	161.2	107.2	66.2	36.3	23.2
-52.5°	568.4	482.2	404.7	333.4	261.8	192.4	134.5	84.8	53.6	30.9	20.7
-55°	496.6	422.5	353.3	283.1	214.8	157.2	105.4	69.1	40.0	27.5	18.1
-57.5°	428.6	362.7	293.8	227.3	170.3	120.7	81.9	52.4	33.5	23.8	17.2
-60°	357.7	292.0	228.5	175.0	126.7	89.2	61.4	38.7	29.0	20.5	16.1
-62.5°	276.7	219.1	169.4	123.5	90.2	64.2	42.7	33.1	24.2	19.1	15.0
-65°	199.2	153.1	111.1	85.3	61.0	43.0	35.8	27.3	21.8	17.6	14.0
-67.5°	124.0	97.9	73.7	51.5	41.7	35.3	28.6	24.0	19.9	16.1	13.2
-70°	75.7	54.4	44.6	39.0	33.2	27.9	25.0	21.6	17.9	15.0	12.3
-72.5°	44.1	39.3	34.6	29.9	27.1	24.5	22.0	19.3	16.4	13.8	11.4
-75°	32.2	29.8	27.7	25.4	23.1	21.0	19.3	17.5	14.9	12.6	10.4
-77.5°	26.3	24.5	22.7	21.0	19.5	18.1	16.9	15.5	13.3	11.3	9.4
-80°	20.9	19.6	18.4	17.2	16.2	15.3	14.5	13.5	11.7	9.9	8.3
-82.5°	15.5	14.9	14.4	13.9	13.3	12.7	12.1	11.5	10.0	8.5	7.4
-85°	12.0	11.7	11.3	10.9	10.6	10.2	9.8	9.4	8.3	7.4	6.6
-87.5°	9.1	9.0	8.9	8.7	8.4	8.1	7.7	7.3	6.7	6.3	5.9
-90°	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4	3.4	3.4



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.1	5.1	5.1	5.1	5.1	4.2	3.4
87.5°	3.4	3.5	3.5	3.6	3.5	3.5	3.4
85°	3.4	3.6	3.7	3.7	3.7	3.5	3.4
82.5°	3.4	3.7	3.8	3.9	3.8	3.6	3.4
80°	3.5	3.8	4.0	4.1	4.0	3.7	3.4
77.5°	3.9	4.0	4.2	4.2	4.1	3.8	3.4
75°	4.4	4.2	4.3	4.4	4.3	3.8	3.4
72.5°	4.8	4.5	4.5	4.6	4.4	3.9	3.4
70°	5.1	4.8	4.6	4.8	4.6	4.0	3.4
67.5°	5.1	5.0	4.8	4.8	4.7	4.1	3.4
65°	5.1	5.1	4.9	4.9	4.8	4.1	3.4
62.5°	5.1	5.1	5.0	4.9	5.0	4.2	3.4
60°	5.1	5.1	5.1	5.0	5.1	4.2	3.4
57.5°	5.2	5.1	5.1	5.0	5.1	4.3	3.4
55°	5.3	5.1	5.1	5.0	5.1	4.4	3.4
52.5°	5.4	5.1	5.1	5.1	5.1	4.4	3.4
50°	5.6	5.3	5.1	5.1	5.1	4.5	3.4
47.5°	5.8	5.5	5.1	5.1	5.1	4.5	3.4
45°	6.2	5.6	5.1	5.1	5.1	4.6	3.4
42.5°	6.6	5.8	5.1	5.1	5.1	4.7	3.4
40°	7.0	6.1	5.2	5.1	5.1	4.7	3.4
37.5°	7.3	6.3	5.4	5.1	5.1	4.7	3.4
35°	7.7	6.6	5.5	5.1	5.1	4.8	3.4
32.5°	8.0	6.8	5.7	5.1	5.1	4.8	3.4
30°	8.4	7.1	5.9	5.1	5.1	4.9	3.4
27.5°	8.7	7.4	6.0	5.1	5.1	4.9	3.4
25°	9.0	7.6	6.2	5.1	5.1	4.9	3.4
22.5°	9.3	7.8	6.3	5.1	5.1	5.0	3.4
20°	9.5	8.0	6.4	5.1	5.1	5.0	3.4
17.5°	9.8	8.1	6.5	5.1	5.1	5.0	3.4
15°	10.1	8.2	6.6	5.1	5.1	5.0	3.4
12.5°	10.4	8.3	6.6	5.1	5.1	5.1	3.4
10°	10.8	8.4	6.7	5.1	5.1	5.1	3.4
7.5°	11.1	8.4	6.7	5.1	5.1	5.1	3.4
5°	11.4	8.5	6.8	5.1	5.1	5.1	3.4
2.5°	11.7	8.5	6.8	5.1	5.1	5.1	3.4
0°	11.9	8.5	6.8	5.1	5.1	5.1	3.4
-2.5°	13.9	9.2	7.1	5.3	5.2	5.1	3.4
-5°	15.9	10.0	7.4	5.5	5.2	5.1	3.4
-7.5°	17.7	10.6	7.6	5.8	5.3	5.1	3.4
-10°	19.3	11.3	7.9	6.0	5.4	5.1	3.4
-12.5°	20.7	11.8	8.1	6.2	5.5	5.1	3.4
-15°	21.9	12.3	8.3	6.4	5.5	5.0	3.4
-17.5°	22.8	12.7	8.5	6.5	5.6	5.0	3.4
-20°	23.6	13.0	8.7	6.7	5.6	5.0	3.4



REPORT NUMBER: P1306261 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.4	13.2	8.9	6.8	5.7	5.0	3.4
-25°	24.7	13.3	9.1	7.0	5.7	5.0	3.4
-27.5°	24.3	13.4	9.2	7.1	5.7	5.0	3.4
-30°	23.3	13.3	9.3	7.1	5.7	4.9	3.4
-32.5°	21.6	13.1	9.4	7.2	5.7	4.9	3.4
-35°	20.8	12.7	9.4	7.2	5.7	4.9	3.4
-37.5°	20.3	12.4	9.4	7.2	5.7	4.9	3.4
-40°	19.5	12.3	9.4	7.2	5.7	4.8	3.4
-42.5°	18.5	12.2	9.3	7.2	5.6	4.8	3.4
-45°	17.2	12.1	9.2	7.1	5.6	4.8	3.4
-47.5°	15.7	11.8	9.1	7.0	5.5	4.8	3.4
-50°	15.1	11.5	8.9	6.9	5.5	4.7	3.4
-52.5°	14.6	11.1	8.7	6.8	5.4	4.7	3.4
-55°	14.0	10.8	8.5	6.7	5.3	4.7	3.4
-57.5°	13.3	10.5	8.3	6.5	5.2	4.6	3.4
-60°	12.5	10.1	8.0	6.3	5.1	4.6	3.4
-62.5°	12.0	9.7	7.7	6.1	5.1	4.6	3.4
-65°	11.4	9.2	7.4	5.9	5.1	4.6	3.4
-67.5°	10.7	8.8	7.1	5.7	5.1	4.5	3.4
-70°	10.0	8.2	6.7	5.5	5.1	4.5	3.4
-72.5°	9.3	7.7	6.4	5.4	5.1	4.5	3.4
-75°	8.5	7.1	6.0	5.4	5.1	4.4	3.4
-77.5°	7.7	6.5	5.8	5.4	5.1	4.4	3.4
-80°	6.9	6.2	5.7	5.3	5.1	4.4	3.4
-82.5°	6.4	5.9	5.5	5.3	5.1	4.4	3.4
-85°	6.0	5.6	5.4	5.2	5.1	4.3	3.4
-87.5°	5.5	5.4	5.2	5.2	5.1	4.3	3.4
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4

(END OF REPORT)