

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: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

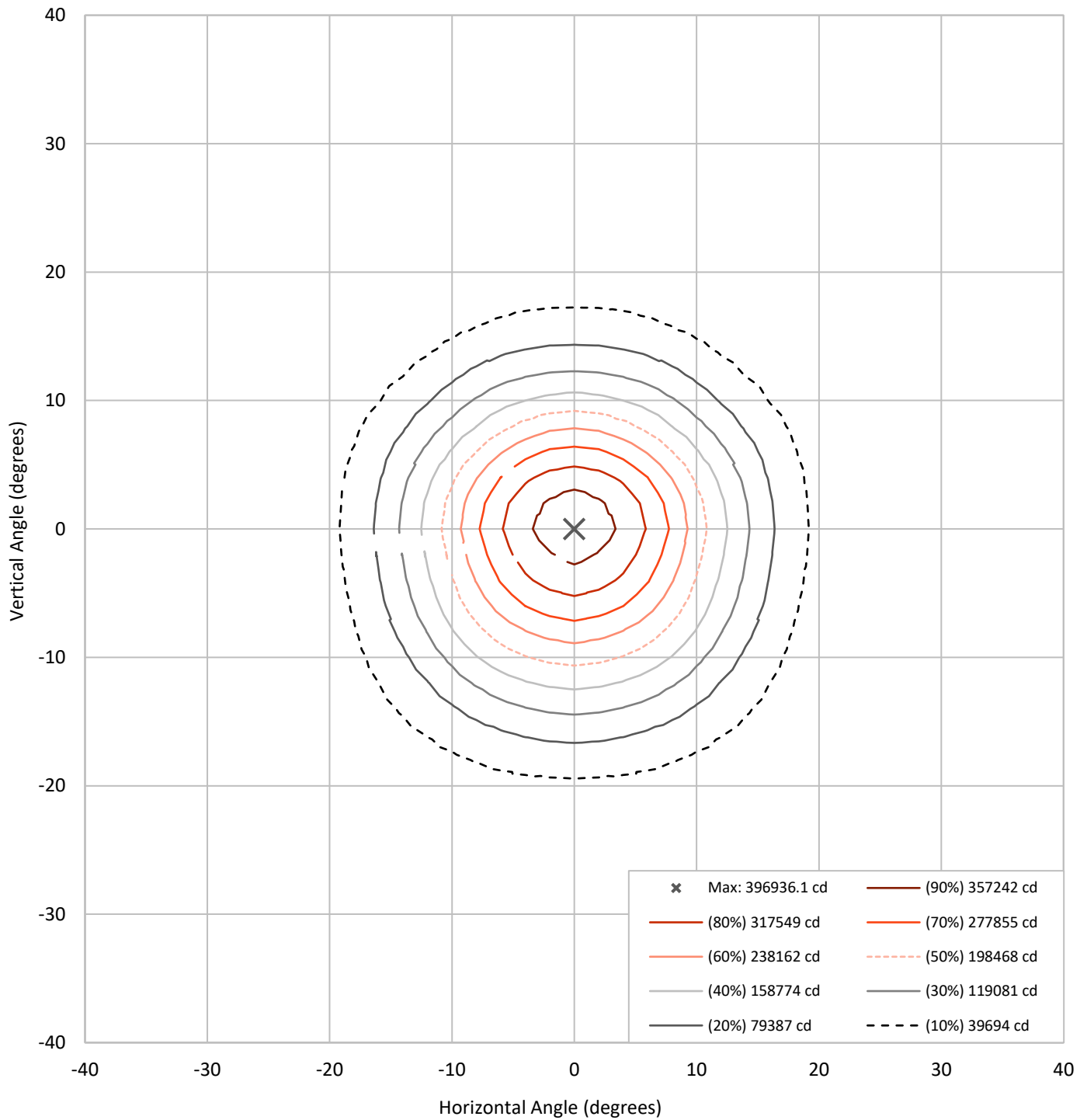
Test Method: LM-79-08  
Report Number: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-80-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	61446.5 lumens	Max Intensity:	396936.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	28406.2 lumens	Field Lumens:	52990.9 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	569		
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: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

### Iso-Candela Plot





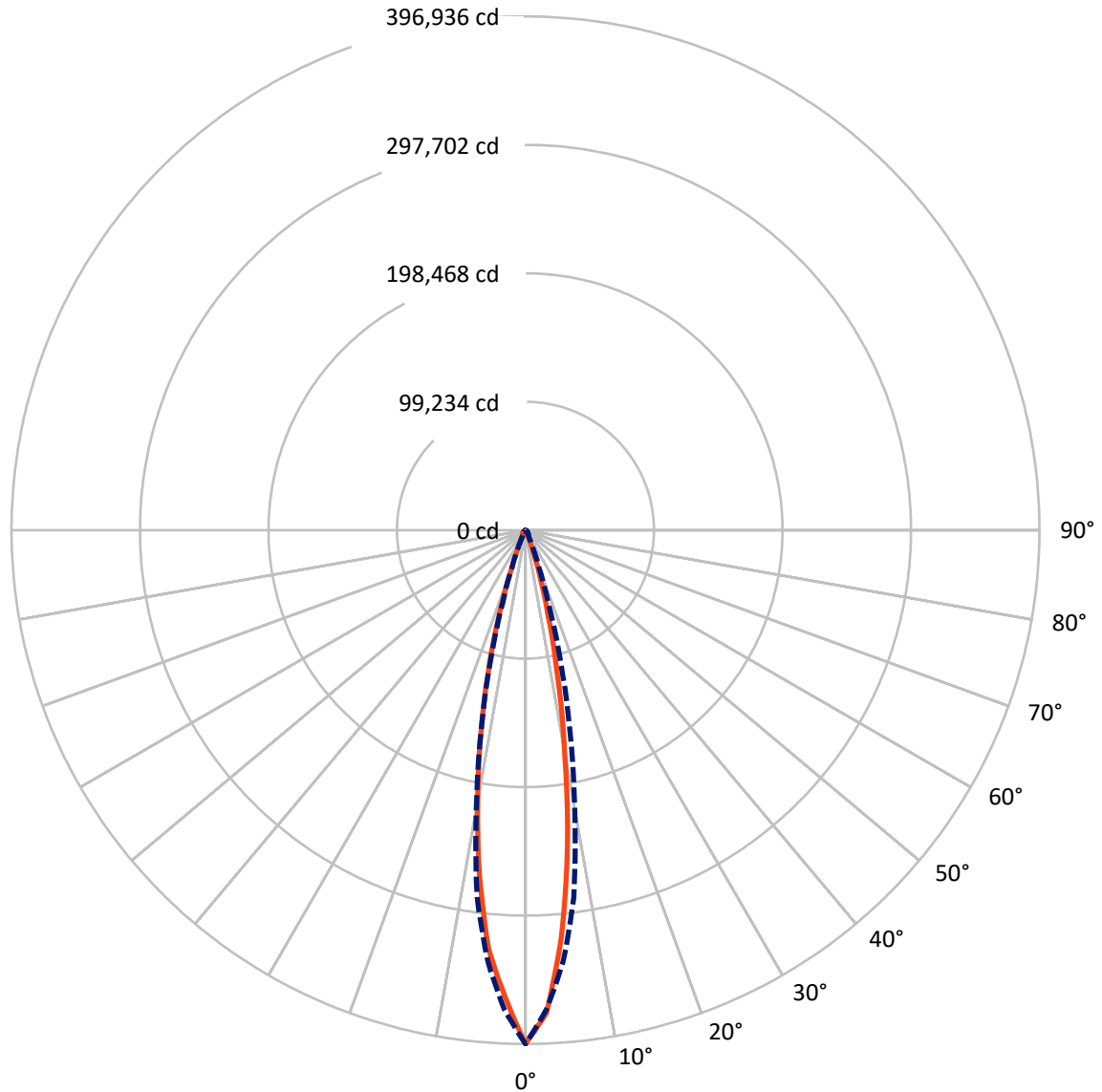
REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

### Lumen Table

90	0.1	0.4		0.5		0.5		0.5		0.5		0.4		0.1					
80	0.1	0.4		0.5		0.5		0.5		0.5		0.4		0.1					
70	0.1	0.1	0.2	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.6	0.2	0.1				
60		0.1	0.3	0.5	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.3		0.1			
50	0.2	0.2	0.4	0.5	0.6	0.8	1.1	1.2	1.2	1.1	0.8	0.6	0.5	0.4	0.2				
40		0.2	0.8	1.7	3.6	5.7	7.0	8.0	8.0	7.0	5.7	3.6	1.7	0.8		0.2			
30	0.2	0.4	2.5	8.6	22.8	33.5	58.7	129.1	129.1	58.7	33.5	22.8	8.6	2.5	0.2				
20		0.8	5.8	22.2	52.2	102.2	635.1	1981.5	1981.5	635.1	102.2	52.2	22.2	5.8		0.8			
10	0.3	1.6	9.8	41.1	85.3	275.0	2595.3	7730.4	7730.4	2595.3	275.0	85.3	41.1	9.8	0.3				
0		2.6	12.8	48.2	95.6	276.0	2750.5	8059.5	8059.5	2750.5	276.0	95.6	48.2	12.8		2.6			
-10	0.5	3.0	13.1	44.5	94.4	157.8	1012.7	2922.6	2922.6	1012.7	157.8	94.4	44.5	13.1	0.5				
-20		2.8	11.1	26.6	67.1	98.8	154.2	301.8	301.8	154.2	98.8	67.1	26.6	11.1		2.8			
-30	0.4	2.4	8.1	16.6	37.1	71.0	92.0	101.1	101.1	92.0	71.0	37.1	16.6	8.1	0.4				
-40		1.6	5.6	12.3	21.0	34.8	60.3	81.5	81.5	60.3	34.8	21.0	12.3	5.6		1.6			
-50	0.3	0.8	3.3	8.0	14.6	21.8	27.9	31.4	31.4	27.9	21.8	14.6	8.0	3.3	0.3				
-60		0.3	1.2	3.8	7.7	12.6	17.7	20.8	20.8	17.7	12.6	7.7	3.8	1.2		0.3			
-70	0.2	0.9		2.8		7.2		10.4		7.2		2.8		0.9					
-80		0.9		2.8		7.2		10.4		7.2		2.8		0.9					
-90	0.2	0.9		2.8		7.2		10.4		7.2		2.8		0.9					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

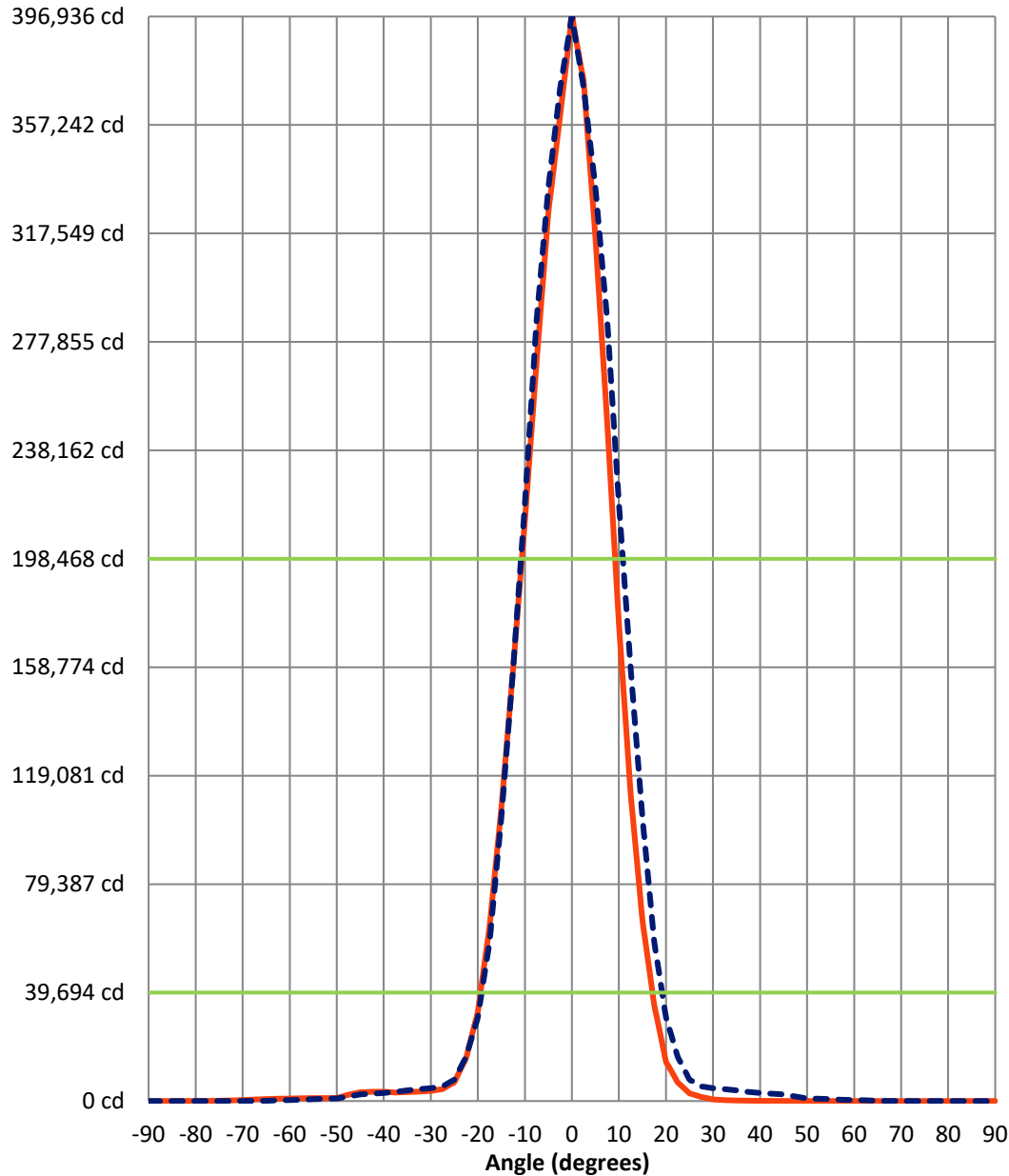
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.7°  
 V Angle: 19.8°  
 Lumens: 28406.2  
 Efficiency: 46.2%

**Field:**  
 H Angle: 38.4°  
 V Angle: 36.6°  
 Lumens: 52990.9  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 8455.6  
 Efficiency: 13.8%

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



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.4	6.4	6.4	6.8	7.2	7.6	8.0	8.0	8.0	8.0	8.0
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.9	5.7	5.5
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	6.2	6.1	6.2
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
65°	6.4	6.4	6.4	6.4	6.4	6.5	6.5	6.4	6.7	6.9	6.7
62.5°	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.7	7.1	7.2	6.8
60°	6.4	6.4	6.4	6.4	6.4	6.7	6.7	7.1	7.5	7.2	6.9
57.5°	6.4	6.4	6.4	6.4	6.5	6.9	7.0	7.6	7.7	7.3	7.0
55°	6.4	6.4	6.4	6.4	6.7	7.0	7.3	8.0	7.7	7.4	7.1
52.5°	6.4	6.4	6.5	6.4	6.9	7.2	7.6	8.0	7.8	7.5	7.2
50°	6.4	6.4	6.5	6.4	7.1	7.4	7.8	8.0	7.9	7.6	8.4
47.5°	6.4	6.4	6.5	6.4	7.2	7.6	8.0	8.0	8.0	7.7	9.6
45°	6.4	6.4	6.6	6.6	7.4	7.7	8.0	8.0	8.1	8.4	10.5
42.5°	6.4	6.4	6.6	6.7	7.6	7.8	8.0	8.1	8.2	9.0	11.8
40°	6.4	6.4	6.7	6.9	7.8	7.9	8.0	8.2	8.5	9.3	13.0
37.5°	6.4	6.4	6.8	7.1	7.8	8.0	8.0	8.3	9.1	10.4	14.0
35°	6.4	6.4	6.8	7.2	7.9	8.0	8.0	8.5	9.8	12.0	14.6
32.5°	6.4	6.4	6.9	7.4	8.0	8.0	8.0	8.8	10.6	13.7	15.9
30°	6.4	6.4	7.0	7.5	8.0	8.0	8.2	9.1	11.5	15.5	17.5
27.5°	6.4	6.4	7.1	7.6	8.0	8.0	8.4	9.8	12.6	17.4	19.4
25°	6.4	6.4	7.1	7.7	8.0	8.0	8.6	10.5	14.1	19.0	21.7
22.5°	6.4	6.4	7.2	7.8	8.0	8.0	8.8	11.2	15.6	20.7	25.8
20°	6.4	6.4	7.3	7.8	8.0	8.1	9.0	11.9	17.1	22.5	29.7
17.5°	6.4	6.4	7.4	7.9	8.0	8.3	9.3	12.6	18.5	24.5	33.4
15°	6.4	6.4	7.5	7.9	8.0	8.5	9.6	13.3	19.9	26.4	36.9
12.5°	6.4	6.4	7.6	8.0	8.0	8.6	9.9	13.9	21.2	28.4	40.1
10°	6.4	6.4	7.7	8.0	8.0	8.8	10.2	14.5	22.6	31.6	44.9
7.5°	6.4	6.4	7.8	8.0	8.0	9.0	10.5	14.9	23.9	34.9	54.1
5°	6.4	6.4	7.8	8.0	8.0	9.2	10.7	15.4	25.1	38.4	63.5
2.5°	6.4	6.4	7.9	8.0	8.0	9.4	11.0	15.7	26.2	41.7	72.8
0°	6.4	6.4	8.0	8.0	8.0	9.6	11.2	16.0	27.2	44.8	81.7
-2.5°	6.4	6.4	8.0	8.1	8.1	9.9	12.5	19.7	35.2	58.5	105.5
-5°	6.4	6.5	8.0	8.2	8.3	10.3	13.7	23.3	42.9	71.7	128.0
-7.5°	6.4	6.5	8.0	8.3	8.4	10.6	14.8	26.6	50.0	83.9	148.5
-10°	6.4	6.5	8.0	8.4	8.6	10.8	15.8	29.5	56.3	95.0	166.6
-12.5°	6.4	6.6	7.9	8.5	8.7	11.1	16.7	32.0	61.7	104.6	177.3
-15°	6.4	6.6	7.9	8.6	8.8	11.2	17.4	33.9	66.6	112.1	183.7
-17.5°	6.4	6.6	7.9	8.6	9.0	11.4	17.9	36.1	71.0	118.2	188.0
-20°	6.4	6.7	7.9	8.7	9.1	11.5	18.5	38.2	74.3	123.0	190.1



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.4	6.7	7.8	8.7	9.2	11.5	19.1	39.2	76.3	126.2	190.0
-25°	6.4	6.7	7.8	8.7	9.4	11.7	19.4	39.2	77.0	127.7	187.6
-27.5°	6.4	6.7	7.8	8.7	9.5	11.8	19.2	37.9	76.3	127.9	188.5
-30°	6.4	6.7	7.8	8.7	9.6	11.9	18.6	35.5	74.8	126.7	187.5
-32.5°	6.4	6.8	7.8	8.7	9.8	11.9	17.5	34.2	71.9	123.6	184.3
-35°	6.4	6.8	7.8	8.6	9.9	11.8	17.1	32.9	67.2	118.5	178.9
-37.5°	6.4	6.8	7.7	8.6	10.1	11.7	16.9	30.9	60.7	111.4	165.2
-40°	6.4	6.8	7.7	8.5	10.1	11.8	16.6	28.1	52.2	102.4	150.0
-42.5°	6.4	6.8	7.7	8.4	10.1	11.9	16.1	24.6	46.3	88.3	133.4
-45°	6.4	6.8	7.7	8.2	9.9	11.8	15.5	21.9	41.5	73.0	115.7
-47.5°	6.4	6.8	7.7	8.1	9.8	11.7	14.7	20.9	35.6	57.1	97.9
-50°	6.4	6.8	7.7	8.1	9.6	11.5	14.3	19.8	28.2	48.7	79.3
-52.5°	6.4	6.8	7.7	8.1	9.4	11.3	13.9	18.5	24.6	39.6	60.9
-55°	6.4	6.8	7.8	8.1	9.1	10.9	13.4	17.1	22.6	29.7	49.6
-57.5°	6.4	6.8	7.8	8.1	8.9	10.6	12.8	16.2	20.5	25.6	37.5
-60°	6.4	6.7	7.8	8.1	8.6	10.2	12.1	15.1	18.5	23.2	28.0
-62.5°	6.4	6.7	7.7	8.1	8.5	9.7	11.5	14.0	17.2	20.7	25.2
-65°	6.4	6.7	7.6	8.1	8.4	9.3	10.9	13.0	15.9	18.9	22.3
-67.5°	6.4	6.7	7.5	8.0	8.4	8.9	10.3	12.3	14.6	17.4	20.3
-70°	6.4	6.7	7.4	8.0	8.3	8.8	9.6	11.5	13.7	15.8	18.5
-72.5°	6.4	6.6	7.3	7.9	8.1	8.5	9.2	10.7	12.7	14.8	16.9
-75°	6.4	6.6	7.2	7.7	8.0	8.3	8.8	10.1	11.8	13.7	15.7
-77.5°	6.4	6.6	7.1	7.6	7.9	8.1	8.4	9.6	11.1	12.7	14.5
-80°	6.4	6.5	6.9	7.4	7.7	7.9	8.0	9.1	10.4	11.7	13.2
-82.5°	6.4	6.5	6.8	7.3	7.6	7.9	8.0	8.7	9.6	10.7	12.0
-85°	6.4	6.5	6.7	7.1	7.5	7.8	8.0	8.5	9.1	9.8	10.7
-87.5°	6.4	6.4	6.5	7.0	7.3	7.7	8.0	8.2	8.5	8.9	9.3
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	5.6	5.2	4.8



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.0	8.0	8.0	8.0	8.4	8.8	9.2	9.6	10.0	10.4	10.8
87.5°	5.4	5.2	5.0	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6
85°	5.9	5.6	5.2	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6
82.5°	6.0	5.6	5.2	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6
80°	6.1	5.7	5.3	4.9	4.8	4.8	4.8	4.8	4.5	4.2	3.9
77.5°	6.1	5.7	5.3	4.9	4.8	5.1	5.4	5.6	5.6	5.4	5.2
75°	6.1	5.7	5.6	5.6	5.8	6.1	6.4	6.4	6.2	5.8	5.4
72.5°	6.2	6.1	6.1	6.4	6.4	6.4	6.4	6.4	7.2	8.2	9.1
70°	6.3	6.4	6.4	6.4	6.4	6.8	8.4	10.7	12.9	14.7	16.8
67.5°	6.4	6.4	6.4	6.6	7.7	9.6	12.1	18.4	25.7	28.0	28.0
65°	6.4	6.4	6.8	7.8	9.4	14.4	21.3	29.9	36.4	35.4	33.1
62.5°	6.4	6.6	7.5	9.8	14.3	20.8	27.5	33.7	39.9	38.8	33.8
60°	6.5	6.8	9.4	14.0	18.9	24.0	30.4	34.5	38.5	39.6	31.3
57.5°	6.6	8.3	12.7	17.5	21.9	25.7	28.1	31.7	34.0	34.4	25.8
55°	7.5	10.8	15.6	20.3	23.4	22.5	24.2	26.4	27.3	25.2	18.2
52.5°	9.6	13.2	18.0	22.0	22.4	20.6	20.2	21.1	19.5	16.7	14.4
50°	11.3	15.5	20.2	22.4	21.9	19.6	16.7	16.3	15.7	14.6	13.3
47.5°	13.1	17.6	21.7	23.2	21.5	19.5	16.1	15.7	15.8	16.7	15.8
45°	14.8	19.0	23.1	23.3	22.2	20.6	19.1	17.5	20.6	21.6	21.5
42.5°	16.3	19.8	23.5	23.8	24.4	24.1	23.6	25.3	27.2	28.9	29.4
40°	16.9	20.3	24.7	27.8	27.9	29.1	32.4	35.5	35.6	37.7	39.0
37.5°	17.1	22.3	28.2	35.3	33.1	37.1	42.6	51.0	52.1	47.3	54.1
35°	17.1	25.1	37.7	45.9	44.8	47.6	60.7	72.9	78.4	70.5	81.4
32.5°	18.8	28.7	49.9	58.7	66.8	69.9	82.6	106.8	120.3	125.4	134.4
30°	22.8	40.0	64.0	73.4	96.2	111.5	122.0	151.0	175.7	250.9	306.6
27.5°	27.8	53.7	78.0	99.7	133.3	159.5	182.3	212.0	302.9	439.8	582.0
25°	32.6	72.2	93.2	133.7	179.3	214.7	245.9	288.1	478.7	759.1	878.8
22.5°	42.5	93.4	117.6	172.0	229.6	271.4	316.8	430.9	688.3	1109.7	1159.0
20°	58.6	113.9	150.8	214.9	285.2	328.2	388.5	580.9	925.7	1247.6	1381.1
17.5°	75.9	136.2	187.4	265.6	350.8	399.6	470.0	725.3	1130.2	1416.8	1595.8
15°	93.9	159.9	222.4	321.2	420.2	487.5	633.2	923.6	1291.7	1615.0	1876.0
12.5°	112.2	184.6	255.9	380.0	493.0	574.4	831.0	1226.1	1562.3	1865.1	2219.4
10°	130.3	209.6	287.5	440.5	567.6	659.7	1048.7	1533.4	1863.6	2159.7	2523.0
7.5°	166.5	243.3	320.9	500.9	642.7	742.8	1276.3	1838.9	2140.0	2417.9	2774.3
5°	206.0	284.9	372.3	572.8	717.9	819.4	1483.6	2134.2	2394.8	2645.3	2993.5
2.5°	244.6	324.4	422.0	641.8	789.8	885.8	1589.7	2296.4	2556.8	2819.7	3182.8
0°	280.3	362.0	469.3	704.7	856.8	948.1	1667.2	2432.8	2692.2	2966.1	3348.8
-2.5°	310.1	400.2	519.2	734.5	875.4	964.0	1641.7	2431.5	2742.7	3046.9	3443.0
-5°	334.9	435.9	565.2	759.2	890.4	977.1	1591.4	2393.0	2784.4	3111.6	3514.0
-7.5°	354.4	468.8	606.6	778.5	899.6	983.6	1569.2	2409.0	2858.9	3168.4	3560.4
-10°	365.0	481.9	609.7	777.7	901.3	985.1	1520.2	2376.0	2920.6	3219.0	3580.0
-12.5°	350.8	476.4	601.7	769.6	901.8	984.5	1425.8	2288.8	2971.2	3267.2	3562.1
-15°	335.0	468.2	588.8	753.9	901.9	982.1	1281.7	2143.5	2942.5	3181.0	3487.5
-17.5°	318.5	457.2	570.7	729.9	902.3	978.2	1076.9	1831.7	2655.4	2998.6	3367.0
-20°	302.1	443.4	547.1	697.4	897.5	952.0	997.8	1515.1	2236.9	2766.7	3139.0



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	286.4	426.8	523.1	666.2	827.9	906.8	950.3	1208.6	1805.9	2484.9	2798.3
-25°	277.8	402.2	502.3	618.6	755.3	859.8	897.2	950.8	1425.3	2039.4	2487.5
-27.5°	273.4	380.9	474.5	571.3	688.0	803.3	843.8	890.5	1132.0	1603.3	2160.9
-30°	266.3	353.6	445.1	528.1	632.4	731.0	790.2	843.5	909.2	1263.2	1704.3
-32.5°	250.3	325.2	413.2	494.1	580.6	667.9	751.2	809.4	863.0	958.9	1307.8
-35°	231.5	301.3	380.0	458.9	531.9	617.1	703.7	779.9	823.1	867.8	1021.7
-37.5°	215.9	275.9	346.1	422.3	492.6	569.8	653.9	734.3	794.2	834.9	893.3
-40°	199.1	249.2	315.5	384.9	453.7	523.4	600.8	679.0	753.6	816.0	863.1
-42.5°	181.1	229.2	285.0	347.1	413.1	478.6	546.1	620.4	699.0	780.3	841.3
-45°	161.2	208.1	254.7	312.7	371.2	432.2	494.9	560.6	640.1	718.0	795.3
-47.5°	140.0	185.4	230.4	277.9	331.8	386.2	442.3	509.1	579.1	652.6	725.2
-50°	117.9	160.3	205.3	248.7	294.5	342.7	392.6	458.5	525.2	588.8	653.9
-52.5°	96.6	133.6	176.8	220.5	261.2	303.5	351.5	409.3	471.6	533.2	591.2
-55°	74.6	108.8	145.9	188.1	229.9	267.8	313.0	364.3	416.9	475.4	531.6
-57.5°	57.6	83.7	116.2	152.3	192.8	234.4	277.4	320.7	368.7	418.2	466.6
-60°	42.9	62.0	86.9	118.0	151.6	192.2	239.2	282.1	322.9	363.3	407.6
-62.5°	29.7	44.7	62.3	83.9	113.2	146.5	186.8	231.3	278.7	314.6	349.9
-65°	26.5	30.6	42.8	58.9	75.2	102.9	134.9	169.9	210.1	246.8	285.1
-67.5°	23.2	26.9	30.8	37.1	51.6	67.0	83.3	111.7	142.3	168.5	195.8
-70°	21.0	23.2	26.4	30.0	33.6	39.8	53.3	67.5	81.7	97.0	118.9
-72.5°	19.0	21.0	23.1	25.1	28.1	31.2	34.2	37.1	45.2	56.4	66.5
-75°	17.2	18.8	20.7	22.5	24.1	25.9	28.0	30.6	33.1	35.7	38.5
-77.5°	15.5	16.6	18.0	19.7	21.0	22.0	23.3	24.9	26.5	28.0	29.5
-80°	13.9	14.4	15.2	16.2	17.3	18.3	19.2	19.9	20.8	22.0	23.3
-82.5°	12.4	12.8	13.1	13.5	14.1	14.9	15.7	16.5	17.1	17.6	18.3
-85°	11.0	11.2	11.4	11.7	12.0	12.3	12.7	13.2	13.5	13.8	14.0
-87.5°	9.5	9.6	9.7	9.8	10.1	10.3	10.5	10.7	10.9	11.0	11.1
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.2	11.2	11.2	11.2	11.2	13.6	16.0	18.4	20.8	24.4	28.0
87.5°	3.2	3.1	3.1	3.1	3.1	2.7	2.4	2.0	1.6	1.2	0.8
85°	3.2	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.6
82.5°	3.2	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.6
80°	3.7	3.7	3.6	3.4	3.2	2.8	2.4	2.0	1.6	1.6	1.6
77.5°	4.9	4.5	4.1	3.7	3.3	3.1	3.0	2.9	2.9	2.7	2.4
75°	5.0	4.8	4.9	4.7	4.2	3.9	3.8	3.6	3.3	3.2	3.1
72.5°	9.7	9.7	9.1	8.5	7.7	7.2	7.0	6.6	5.9	5.6	5.4
70°	17.6	17.2	16.6	15.2	13.0	11.2	10.2	9.1	8.0	7.6	7.7
67.5°	25.5	22.9	20.8	18.2	15.1	12.8	11.6	10.2	8.7	8.0	8.0
65°	29.5	24.1	20.5	17.8	15.8	13.5	11.4	9.5	7.8	7.0	7.2
62.5°	28.0	20.9	16.5	14.0	12.1	10.9	9.2	7.9	6.9	6.4	6.5
60°	23.2	15.6	11.7	10.5	9.2	8.1	7.6	6.9	6.1	5.4	5.6
57.5°	18.1	12.5	9.5	9.1	8.6	8.2	7.5	6.8	6.2	5.9	6.2
55°	13.5	11.1	9.7	9.7	9.5	8.8	7.9	7.8	7.6	7.4	7.6
52.5°	11.8	11.7	12.1	12.0	10.9	10.1	9.5	9.5	9.6	9.9	10.3
50°	13.4	13.9	13.6	12.5	12.3	11.9	11.2	11.9	12.8	13.2	13.5
47.5°	16.0	16.2	16.4	15.4	15.6	16.8	17.0	17.5	19.3	20.6	21.9
45°	20.5	22.2	22.7	23.4	23.8	26.2	27.4	28.1	33.1	35.4	35.7
42.5°	29.6	32.3	34.5	38.0	37.5	43.5	51.3	55.4	55.1	53.5	53.5
40°	43.3	48.0	58.6	64.2	70.4	77.4	78.1	69.6	69.7	78.3	77.9
37.5°	66.8	83.2	98.2	111.4	114.7	110.7	112.2	118.6	126.4	127.1	130.9
35°	112.6	145.9	153.5	163.7	174.9	164.3	163.0	173.5	169.9	187.9	200.8
32.5°	194.8	241.9	256.2	268.5	299.6	281.6	231.9	304.3	288.1	308.2	338.8
30°	309.8	402.5	464.9	483.5	491.3	493.5	540.2	581.7	614.5	658.3	720.3
27.5°	586.8	648.2	751.9	810.0	736.8	767.1	887.1	908.9	1032.5	1166.8	1277.2
25°	892.4	961.3	1145.7	1168.9	1107.7	1220.0	1336.2	1360.2	1578.2	1736.5	2115.5
22.5°	1168.6	1284.1	1481.4	1537.5	1588.4	1721.9	1856.7	2017.6	2508.9	3118.1	4223.6
20°	1402.3	1531.3	1724.2	1879.9	2007.1	2177.4	2334.6	2883.7	3941.9	6256.4	8773.8
17.5°	1685.3	1765.2	2003.6	2211.9	2411.2	2655.3	3349.7	4736.6	7800.0	12843.0	17622.7
15°	2066.6	2225.5	2373.4	2598.8	2971.0	3680.9	5213.1	9730.7	16139.6	24936.0	35831.3
12.5°	2506.2	2725.4	2930.5	3121.7	3655.7	5329.9	10219.0	18053.2	28826.7	42957.0	64340.0
10°	2898.9	3233.6	3485.5	3819.1	4853.4	8109.1	15656.5	26731.9	45663.1	70630.1	98535.0
7.5°	3171.4	3569.2	3908.9	4405.0	6091.5	11607.0	22055.2	39302.9	66212.9	99854.4	137497.4
5°	3430.8	3879.3	4212.7	4822.9	6910.0	14036.8	26905.3	49781.3	86326.6	130779.1	179108.8
2.5°	3675.8	4153.1	4481.0	5197.4	7426.8	15144.3	28936.7	56295.4	99337.0	151991.1	209390.1
0°	3903.0	4354.6	4697.3	5373.2	7863.6	16207.7	30664.9	58395.7	103732.4	158236.4	218608.4
-2.5°	3860.5	4196.3	4575.7	5253.2	7448.1	15067.5	28650.8	55928.8	98572.1	150781.0	206313.0
-5°	3845.7	4118.0	4460.6	5074.6	6934.9	13019.4	25446.3	50358.8	90116.9	137167.5	188890.6
-7.5°	3857.1	4073.2	4341.1	4849.0	6315.2	11007.7	22124.5	43654.9	76494.0	116330.4	163038.5
-10°	3881.2	4048.5	4320.1	4766.8	5793.2	8798.3	16743.6	33634.2	60143.8	91828.6	128223.8
-12.5°	3923.1	4148.4	4421.0	4724.6	5268.6	7007.9	13168.4	26109.3	44468.4	66728.4	94421.9
-15°	3908.8	4199.2	4507.1	4694.6	4990.7	5958.9	8541.5	17239.7	30768.3	45531.7	62291.5
-17.5°	3803.5	4151.3	4286.5	4432.0	4612.2	5089.1	6530.6	10397.4	18101.3	27801.6	37230.8
-20°	3559.1	3735.0	3904.2	4077.8	4277.3	4540.5	4989.0	6495.2	8751.1	14255.5	18857.1



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3100.3	3269.6	3416.2	3697.8	3899.2	4092.6	4339.6	4665.5	5533.2	6896.1	9161.2
-25°	2706.8	2811.1	3017.3	3346.1	3562.6	3678.4	3833.3	3956.9	4254.3	4570.9	5353.3
-27.5°	2392.3	2548.7	2802.8	3090.7	3298.2	3391.3	3472.8	3545.5	3732.2	3861.6	4083.8
-30°	2143.4	2396.7	2634.8	2898.3	3089.1	3199.8	3234.4	3339.3	3461.1	3553.5	3643.5
-32.5°	1786.4	2231.9	2448.6	2666.8	2882.3	3018.5	3111.9	3194.6	3308.9	3379.8	3415.2
-35°	1402.0	1858.1	2284.7	2431.0	2587.7	2783.4	2942.8	3026.9	3102.1	3170.4	3213.6
-37.5°	1058.0	1431.7	1828.7	2185.8	2353.5	2500.0	2731.8	2872.1	2940.3	3042.3	3100.3
-40°	917.6	1023.6	1362.4	1696.8	1997.7	2331.3	2556.8	2773.1	2987.0	3118.0	3203.2
-42.5°	886.2	929.4	969.6	1204.0	1504.9	1807.1	2139.4	2506.4	2813.3	3044.5	3259.2
-45°	860.7	893.7	926.0	962.7	998.0	1229.2	1489.0	1762.5	2115.6	2457.5	2752.7
-47.5°	795.1	857.4	893.9	921.5	950.3	982.3	1011.7	1073.8	1311.2	1563.7	1803.4
-50°	720.6	782.4	837.7	889.0	925.9	950.7	969.2	993.6	1021.9	1047.2	1070.3
-52.5°	647.1	707.1	763.3	819.0	871.2	919.2	963.6	991.6	1013.1	1032.0	1043.7
-55°	585.4	637.1	687.5	742.6	796.2	847.3	895.6	938.9	979.6	1017.7	1039.5
-57.5°	517.9	568.8	619.2	670.1	719.1	766.1	812.6	857.9	900.9	940.1	964.0
-60°	451.1	493.9	544.1	596.3	645.0	690.5	736.8	780.7	821.4	856.0	877.2
-62.5°	388.4	428.3	470.0	516.4	566.6	615.6	656.8	698.4	739.9	775.7	800.1
-65°	321.9	355.3	389.2	425.5	463.9	504.0	545.2	585.8	625.3	657.7	680.9
-67.5°	227.8	261.0	293.2	325.5	355.0	384.6	416.2	448.1	479.8	505.8	526.4
-70°	140.4	161.2	180.7	201.7	226.3	252.1	278.4	303.0	325.8	342.7	355.1
-72.5°	75.8	84.1	94.2	109.9	124.5	139.9	155.8	171.0	185.4	196.0	204.0
-75°	41.5	45.2	51.7	57.9	63.7	70.5	77.4	84.0	90.0	96.0	101.6
-77.5°	31.4	33.3	35.0	36.5	37.8	40.2	43.0	45.7	48.5	52.1	55.9
-80°	24.5	25.5	26.4	27.4	28.3	30.0	31.7	33.5	35.2	36.9	38.5
-82.5°	18.9	19.4	19.8	20.2	20.6	21.7	22.8	23.9	24.9	26.6	28.4
-85°	14.3	14.6	14.9	15.2	15.4	16.2	17.1	18.0	18.9	20.1	21.4
-87.5°	11.2	11.5	11.9	12.3	12.6	13.2	13.7	14.2	14.6	15.8	17.0
-90°	3.2	2.8	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.2	0.8



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	31.6	35.2	37.6	40.0	37.6	35.2	31.6	28.0	24.4	20.8	18.4
87.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	2.0
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
77.5°	2.0	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.7	2.9	2.9
75°	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.3	3.6
72.5°	5.1	4.8	4.8	4.8	4.8	4.8	5.1	5.4	5.6	5.9	6.6
70°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.6	8.0	9.1
67.5°	8.0	8.0	7.3	6.4	7.3	8.0	8.0	8.0	8.0	8.7	10.2
65°	7.5	7.9	7.3	6.4	7.3	7.9	7.5	7.2	7.0	7.8	9.5
62.5°	6.5	6.5	6.4	6.4	6.4	6.5	6.5	6.5	6.4	6.9	7.9
60°	5.9	6.3	6.4	6.4	6.4	6.3	5.9	5.6	5.4	6.1	6.9
57.5°	6.3	6.4	7.0	8.0	7.0	6.4	6.3	6.2	5.9	6.2	6.8
55°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.6	7.4	7.6	7.8
52.5°	10.7	11.0	11.1	11.2	11.1	11.0	10.7	10.3	9.9	9.6	9.5
50°	13.9	14.2	13.8	12.8	13.8	14.2	13.9	13.5	13.2	12.8	11.9
47.5°	23.0	23.5	23.3	22.4	23.3	23.5	23.0	21.9	20.6	19.3	17.5
45°	36.6	36.6	36.5	36.8	36.5	36.6	36.6	35.7	35.4	33.1	28.1
42.5°	54.9	55.4	55.6	56.1	55.6	55.4	54.9	53.5	53.5	55.1	55.4
40°	79.3	79.7	78.8	76.9	78.8	79.7	79.3	77.9	78.3	69.7	69.6
37.5°	137.6	140.7	139.9	137.7	139.9	140.7	137.6	130.9	127.1	126.4	118.6
35°	205.5	203.6	198.2	198.6	198.2	203.6	205.5	200.8	187.9	169.9	173.5
32.5°	321.0	332.5	336.1	337.9	336.1	332.5	321.0	338.8	308.2	288.1	304.3
30°	764.1	740.9	638.5	607.0	638.5	740.9	764.1	720.3	658.3	614.5	581.7
27.5°	1357.3	1430.5	1497.4	1503.9	1497.4	1430.5	1357.3	1277.2	1166.8	1032.5	908.9
25°	2506.7	2753.0	2856.8	2842.8	2856.8	2753.0	2506.7	2115.5	1736.5	1578.2	1360.2
22.5°	5530.7	6371.1	6809.1	6824.2	6809.1	6371.1	5530.7	4223.6	3118.1	2508.9	2017.6
20°	12067.9	14096.3	14608.5	14455.6	14608.5	14096.3	12067.9	8773.8	6256.4	3941.9	2883.7
17.5°	24882.9	30883.0	34979.3	35261.3	34979.3	30883.0	24882.9	17622.7	12843.0	7800.0	4736.6
15°	48429.6	59459.0	65178.7	66150.4	65178.7	59459.0	48429.6	35831.3	24936.0	16139.6	9730.7
12.5°	84602.8	101390.5	110731.0	112329.5	110731.0	101390.5	84602.8	64340.0	42957.0	28826.7	18053.2
10°	129046.0	152460.7	167685.5	174557.7	167685.5	152460.7	129046.0	98535.0	70630.1	45663.1	26731.9
7.5°	174648.2	211536.4	241661.5	248491.7	241661.5	211536.4	174648.2	137497.4	99854.4	66212.9	39302.9
5°	231064.3	280525.5	309455.2	316136.3	309455.2	280525.5	231064.3	179108.8	130779.1	86326.6	49781.3
2.5°	272899.9	326079.2	356400.7	373063.4	356400.7	326079.2	272899.9	209390.1	151991.1	99337.0	56295.4
0°	285883.1	334272.3	370725.2	396936.1	370725.2	334272.3	285883.1	218608.4	158236.4	103732.4	58395.7
-2.5°	268310.1	319617.9	346068.4	360804.3	346068.4	319617.9	268310.1	206313.0	150781.0	98572.1	55928.8
-5°	240353.4	287516.8	316362.8	325255.6	316362.8	287516.8	240353.4	188890.6	137167.5	90116.9	50358.8
-7.5°	203726.3	238168.3	259771.4	270664.3	259771.4	238168.3	203726.3	163038.5	116330.4	76494.0	43654.9
-10°	164080.7	190220.5	206334.2	212360.7	206334.2	190220.5	164080.7	128223.8	91828.6	60143.8	33634.2
-12.5°	120178.7	140998.6	153378.0	158153.8	153378.0	140998.6	120178.7	94421.9	66728.4	44468.4	26109.3
-15°	79323.6	94331.6	103853.8	107178.9	103853.8	94331.6	79323.6	62291.5	45531.7	30768.3	17239.7
-17.5°	48077.8	56362.4	62526.4	64081.2	62526.4	56362.4	48077.8	37230.8	27801.6	18101.3	10397.4
-20°	25442.0	29170.0	31252.0	32660.4	31252.0	29170.0	25442.0	18857.1	14255.5	8751.1	6495.2



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12061.4	14091.7	15027.4	15741.6	15027.4	14091.7	12061.4	9161.2	6896.1	5533.2	4665.5
-25°	6036.3	6456.2	6639.1	6894.7	6639.1	6456.2	6036.3	5353.3	4570.9	4254.3	3956.9
-27.5°	4233.9	4332.5	4371.4	4402.7	4371.4	4332.5	4233.9	4083.8	3861.6	3732.2	3545.5
-30°	3689.6	3705.8	3703.5	3701.2	3703.5	3705.8	3689.6	3643.5	3553.5	3461.1	3339.3
-32.5°	3453.6	3470.9	3469.6	3467.4	3469.6	3470.9	3453.6	3415.2	3379.8	3308.9	3194.6
-35°	3241.4	3263.8	3274.9	3280.0	3274.9	3263.8	3241.4	3213.6	3170.4	3102.1	3026.9
-37.5°	3132.6	3137.4	3124.7	3110.2	3124.7	3137.4	3132.6	3100.3	3042.3	2940.3	2872.1
-40°	3244.9	3321.1	3397.5	3420.9	3397.5	3321.1	3244.9	3203.2	3118.0	2987.0	2773.1
-42.5°	3329.9	3378.8	3400.9	3393.7	3400.9	3378.8	3329.9	3259.2	3044.5	2813.3	2506.4
-45°	2947.8	3099.3	3189.1	3211.1	3189.1	3099.3	2947.8	2752.7	2457.5	2115.6	1762.5
-47.5°	2004.6	2174.4	2281.3	2315.8	2281.3	2174.4	2004.6	1803.4	1563.7	1311.2	1073.8
-50°	1092.7	1114.1	1121.2	1114.7	1121.2	1114.1	1092.7	1070.3	1047.2	1021.9	993.6
-52.5°	1055.3	1067.9	1076.1	1081.0	1076.1	1067.9	1055.3	1043.7	1032.0	1013.1	991.6
-55°	1058.1	1074.4	1083.4	1087.5	1083.4	1074.4	1058.1	1039.5	1017.7	979.6	938.9
-57.5°	985.1	1003.4	1012.2	1015.4	1012.2	1003.4	985.1	964.0	940.1	900.9	857.9
-60°	896.6	914.0	920.7	922.5	920.7	914.0	896.6	877.2	856.0	821.4	780.7
-62.5°	822.7	843.2	852.0	855.2	852.0	843.2	822.7	800.1	775.7	739.9	698.4
-65°	701.3	718.9	724.8	725.5	724.8	718.9	701.3	680.9	657.7	625.3	585.8
-67.5°	544.8	560.6	566.1	566.9	566.1	560.6	544.8	526.4	505.8	479.8	448.1
-70°	365.2	372.8	376.0	376.4	376.0	372.8	365.2	355.1	342.7	325.8	303.0
-72.5°	210.2	214.8	216.3	216.2	216.3	214.8	210.2	204.0	196.0	185.4	171.0
-75°	106.5	110.8	111.8	112.1	111.8	110.8	106.5	101.6	96.0	90.0	84.0
-77.5°	59.8	63.5	64.0	64.1	64.0	63.5	59.8	55.9	52.1	48.5	45.7
-80°	40.0	41.4	41.6	41.6	41.6	41.4	40.0	38.5	36.9	35.2	33.5
-82.5°	30.2	31.9	32.0	32.0	32.0	31.9	30.2	28.4	26.6	24.9	23.9
-85°	22.7	24.0	24.8	25.6	24.8	24.0	22.7	21.4	20.1	18.9	18.0
-87.5°	18.1	19.3	20.0	20.8	20.0	19.3	18.1	17.0	15.8	14.6	14.2
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.0	13.6	11.2	11.2	11.2	11.2	11.2	10.8	10.4	10.0	9.6
87.5°	2.4	2.7	3.1	3.1	3.1	3.1	3.2	3.6	4.0	4.4	4.8
85°	2.4	2.8	3.2	3.2	3.2	3.2	3.2	3.6	4.0	4.4	4.8
82.5°	2.4	2.8	3.2	3.2	3.2	3.2	3.2	3.6	4.0	4.4	4.8
80°	2.4	2.8	3.2	3.4	3.6	3.7	3.7	3.9	4.2	4.5	4.8
77.5°	3.0	3.1	3.3	3.7	4.1	4.5	4.9	5.2	5.4	5.6	5.6
75°	3.8	3.9	4.2	4.7	4.9	4.8	5.0	5.4	5.8	6.2	6.4
72.5°	7.0	7.2	7.7	8.5	9.1	9.7	9.7	9.1	8.2	7.2	6.4
70°	10.2	11.2	13.0	15.2	16.6	17.2	17.6	16.8	14.7	12.9	10.7
67.5°	11.6	12.8	15.1	18.2	20.8	22.9	25.5	28.0	28.0	25.7	18.4
65°	11.4	13.5	15.8	17.8	20.5	24.1	29.5	33.1	35.4	36.4	29.9
62.5°	9.2	10.9	12.1	14.0	16.5	20.9	28.0	33.8	38.8	39.9	33.7
60°	7.6	8.1	9.2	10.5	11.7	15.6	23.2	31.3	39.6	38.5	34.5
57.5°	7.5	8.2	8.6	9.1	9.5	12.5	18.1	25.8	34.4	34.0	31.7
55°	7.9	8.8	9.5	9.7	9.7	11.1	13.5	18.2	25.2	27.3	26.4
52.5°	9.5	10.1	10.9	12.0	12.1	11.7	11.8	14.4	16.7	19.5	21.1
50°	11.2	11.9	12.3	12.5	13.6	13.9	13.4	13.3	14.6	15.7	16.3
47.5°	17.0	16.8	15.6	15.4	16.4	16.2	16.0	15.8	16.7	15.8	15.7
45°	27.4	26.2	23.8	23.4	22.7	22.2	20.5	21.5	21.6	20.6	17.5
42.5°	51.3	43.5	37.5	38.0	34.5	32.3	29.6	29.4	28.9	27.2	25.3
40°	78.1	77.4	70.4	64.2	58.6	48.0	43.3	39.0	37.7	35.6	35.5
37.5°	112.2	110.7	114.7	111.4	98.2	83.2	66.8	54.1	47.3	52.1	51.0
35°	163.0	164.3	174.9	163.7	153.5	145.9	112.6	81.4	70.5	78.4	72.9
32.5°	231.9	281.6	299.6	268.5	256.2	241.9	194.8	134.4	125.4	120.3	106.8
30°	540.2	493.5	491.3	483.5	464.9	402.5	309.8	306.6	250.9	175.7	151.0
27.5°	887.1	767.1	736.8	810.0	751.9	648.2	586.8	582.0	439.8	302.9	212.0
25°	1336.2	1220.0	1107.7	1168.9	1145.7	961.3	892.4	878.8	759.1	478.7	288.1
22.5°	1856.7	1721.9	1588.4	1537.5	1481.4	1284.1	1168.6	1159.0	1109.7	688.3	430.9
20°	2334.6	2177.4	2007.1	1879.9	1724.2	1531.3	1402.3	1381.1	1247.6	925.7	580.9
17.5°	3349.7	2655.3	2411.2	2211.9	2003.6	1765.2	1685.3	1595.8	1416.8	1130.2	725.3
15°	5213.1	3680.9	2971.0	2598.8	2373.4	2225.5	2066.6	1876.0	1615.0	1291.7	923.6
12.5°	10219.0	5329.9	3655.7	3121.7	2930.5	2725.4	2506.2	2219.4	1865.1	1562.3	1226.1
10°	15656.5	8109.1	4853.4	3819.1	3485.5	3233.6	2898.9	2523.0	2159.7	1863.6	1533.4
7.5°	22055.2	11607.0	6091.5	4405.0	3908.9	3569.2	3171.4	2774.3	2417.9	2140.0	1838.9
5°	26905.3	14036.8	6910.0	4822.9	4212.7	3879.3	3430.8	2993.5	2645.3	2394.8	2134.2
2.5°	28936.7	15144.3	7426.8	5197.4	4481.0	4153.1	3675.8	3182.8	2819.7	2556.8	2296.4
0°	30664.9	16207.7	7863.6	5373.2	4697.3	4354.6	3903.0	3348.8	2966.1	2692.2	2432.8
-2.5°	28650.8	15067.5	7448.1	5253.2	4575.7	4196.3	3860.5	3443.0	3046.9	2742.7	2431.5
-5°	25446.3	13019.4	6934.9	5074.6	4460.6	4118.0	3845.7	3514.0	3111.6	2784.4	2393.0
-7.5°	22124.5	11007.7	6315.2	4849.0	4341.1	4073.2	3857.1	3560.4	3168.4	2858.9	2409.0
-10°	16743.6	8798.3	5793.2	4766.8	4320.1	4048.5	3881.2	3580.0	3219.0	2920.6	2376.0
-12.5°	13168.4	7007.9	5268.6	4724.6	4421.0	4148.4	3923.1	3562.1	3267.2	2971.2	2288.8
-15°	8541.5	5958.9	4990.7	4694.6	4507.1	4199.2	3908.8	3487.5	3181.0	2942.5	2143.5
-17.5°	6530.6	5089.1	4612.2	4432.0	4286.5	4151.3	3803.5	3367.0	2998.6	2655.4	1831.7
-20°	4989.0	4540.5	4277.3	4077.8	3904.2	3735.0	3559.1	3139.0	2766.7	2236.9	1515.1



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4339.6	4092.6	3899.2	3697.8	3416.2	3269.6	3100.3	2798.3	2484.9	1805.9	1208.6
-25°	3833.3	3678.4	3562.6	3346.1	3017.3	2811.1	2706.8	2487.5	2039.4	1425.3	950.8
-27.5°	3472.8	3391.3	3298.2	3090.7	2802.8	2548.7	2392.3	2160.9	1603.3	1132.0	890.5
-30°	3234.4	3199.8	3089.1	2898.3	2634.8	2396.7	2143.4	1704.3	1263.2	909.2	843.5
-32.5°	3111.9	3018.5	2882.3	2666.8	2448.6	2231.9	1786.4	1307.8	958.9	863.0	809.4
-35°	2942.8	2783.4	2587.7	2431.0	2284.7	1858.1	1402.0	1021.7	867.8	823.1	779.9
-37.5°	2731.8	2500.0	2353.5	2185.8	1828.7	1431.7	1058.0	893.3	834.9	794.2	734.3
-40°	2556.8	2331.3	1997.7	1696.8	1362.4	1023.6	917.6	863.1	816.0	753.6	679.0
-42.5°	2139.4	1807.1	1504.9	1204.0	969.6	929.4	886.2	841.3	780.3	699.0	620.4
-45°	1489.0	1229.2	998.0	962.7	926.0	893.7	860.7	795.3	718.0	640.1	560.6
-47.5°	1011.7	982.3	950.3	921.5	893.9	857.4	795.1	725.2	652.6	579.1	509.1
-50°	969.2	950.7	925.9	889.0	837.7	782.4	720.6	653.9	588.8	525.2	458.5
-52.5°	963.6	919.2	871.2	819.0	763.3	707.1	647.1	591.2	533.2	471.6	409.3
-55°	895.6	847.3	796.2	742.6	687.5	637.1	585.4	531.6	475.4	416.9	364.3
-57.5°	812.6	766.1	719.1	670.1	619.2	568.8	517.9	466.6	418.2	368.7	320.7
-60°	736.8	690.5	645.0	596.3	544.1	493.9	451.1	407.6	363.3	322.9	282.1
-62.5°	656.8	615.6	566.6	516.4	470.0	428.3	388.4	349.9	314.6	278.7	231.3
-65°	545.2	504.0	463.9	425.5	389.2	355.3	321.9	285.1	246.8	210.1	169.9
-67.5°	416.2	384.6	355.0	325.5	293.2	261.0	227.8	195.8	168.5	142.3	111.7
-70°	278.4	252.1	226.3	201.7	180.7	161.2	140.4	118.9	97.0	81.7	67.5
-72.5°	155.8	139.9	124.5	109.9	94.2	84.1	75.8	66.5	56.4	45.2	37.1
-75°	77.4	70.5	63.7	57.9	51.7	45.2	41.5	38.5	35.7	33.1	30.6
-77.5°	43.0	40.2	37.8	36.5	35.0	33.3	31.4	29.5	28.0	26.5	24.9
-80°	31.7	30.0	28.3	27.4	26.4	25.5	24.5	23.3	22.0	20.8	19.9
-82.5°	22.8	21.7	20.6	20.2	19.8	19.4	18.9	18.3	17.6	17.1	16.5
-85°	17.1	16.2	15.4	15.2	14.9	14.6	14.3	14.0	13.8	13.5	13.2
-87.5°	13.7	13.2	12.6	12.3	11.9	11.5	11.2	11.1	11.0	10.9	10.7
-90°	1.6	1.6	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.2	8.8	8.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
87.5°	4.8	4.8	4.8	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1
85°	4.8	4.8	4.8	4.8	5.2	5.6	5.9	6.2	6.1	6.2	6.2
82.5°	4.8	4.8	4.8	4.8	5.2	5.6	6.0	6.4	6.4	6.4	6.4
80°	4.8	4.8	4.8	4.9	5.3	5.7	6.1	6.4	6.4	6.4	6.4
77.5°	5.4	5.1	4.8	4.9	5.3	5.7	6.1	6.4	6.4	6.4	6.4
75°	6.4	6.1	5.8	5.6	5.6	5.7	6.1	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.1	6.1	6.2	6.4	6.4	6.4	6.4
70°	8.4	6.8	6.4	6.4	6.4	6.4	6.3	6.5	6.4	6.4	6.4
67.5°	12.1	9.6	7.7	6.6	6.4	6.4	6.4	6.6	6.6	6.4	6.4
65°	21.3	14.4	9.4	7.8	6.8	6.4	6.4	6.7	6.9	6.7	6.4
62.5°	27.5	20.8	14.3	9.8	7.5	6.6	6.4	6.8	7.2	7.1	6.7
60°	30.4	24.0	18.9	14.0	9.4	6.8	6.5	6.9	7.2	7.5	7.1
57.5°	28.1	25.7	21.9	17.5	12.7	8.3	6.6	7.0	7.3	7.7	7.6
55°	24.2	22.5	23.4	20.3	15.6	10.8	7.5	7.1	7.4	7.7	8.0
52.5°	20.2	20.6	22.4	22.0	18.0	13.2	9.6	7.2	7.5	7.8	8.0
50°	16.7	19.6	21.9	22.4	20.2	15.5	11.3	8.4	7.6	7.9	8.0
47.5°	16.1	19.5	21.5	23.2	21.7	17.6	13.1	9.6	7.7	8.0	8.0
45°	19.1	20.6	22.2	23.3	23.1	19.0	14.8	10.5	8.4	8.1	8.0
42.5°	23.6	24.1	24.4	23.8	23.5	19.8	16.3	11.8	9.0	8.2	8.1
40°	32.4	29.1	27.9	27.8	24.7	20.3	16.9	13.0	9.3	8.5	8.2
37.5°	42.6	37.1	33.1	35.3	28.2	22.3	17.1	14.0	10.4	9.1	8.3
35°	60.7	47.6	44.8	45.9	37.7	25.1	17.1	14.6	12.0	9.8	8.5
32.5°	82.6	69.9	66.8	58.7	49.9	28.7	18.8	15.9	13.7	10.6	8.8
30°	122.0	111.5	96.2	73.4	64.0	40.0	22.8	17.5	15.5	11.5	9.1
27.5°	182.3	159.5	133.3	99.7	78.0	53.7	27.8	19.4	17.4	12.6	9.8
25°	245.9	214.7	179.3	133.7	93.2	72.2	32.6	21.7	19.0	14.1	10.5
22.5°	316.8	271.4	229.6	172.0	117.6	93.4	42.5	25.8	20.7	15.6	11.2
20°	388.5	328.2	285.2	214.9	150.8	113.9	58.6	29.7	22.5	17.1	11.9
17.5°	470.0	399.6	350.8	265.6	187.4	136.2	75.9	33.4	24.5	18.5	12.6
15°	633.2	487.5	420.2	321.2	222.4	159.9	93.9	36.9	26.4	19.9	13.3
12.5°	831.0	574.4	493.0	380.0	255.9	184.6	112.2	40.1	28.4	21.2	13.9
10°	1048.7	659.7	567.6	440.5	287.5	209.6	130.3	44.9	31.6	22.6	14.5
7.5°	1276.3	742.8	642.7	500.9	320.9	243.3	166.5	54.1	34.9	23.9	14.9
5°	1483.6	819.4	717.9	572.8	372.3	284.9	206.0	63.5	38.4	25.1	15.4
2.5°	1589.7	885.8	789.8	641.8	422.0	324.4	244.6	72.8	41.7	26.2	15.7
0°	1667.2	948.1	856.8	704.7	469.3	362.0	280.3	81.7	44.8	27.2	16.0
-2.5°	1641.7	964.0	875.4	734.5	519.2	400.2	310.1	105.5	58.5	35.2	19.7
-5°	1591.4	977.1	890.4	759.2	565.2	435.9	334.9	128.0	71.7	42.9	23.3
-7.5°	1569.2	983.6	899.6	778.5	606.6	468.8	354.4	148.5	83.9	50.0	26.6
-10°	1520.2	985.1	901.3	777.7	609.7	481.9	365.0	166.6	95.0	56.3	29.5
-12.5°	1425.8	984.5	901.8	769.6	601.7	476.4	350.8	177.3	104.6	61.7	32.0
-15°	1281.7	982.1	901.9	753.9	588.8	468.2	335.0	183.7	112.1	66.6	33.9
-17.5°	1076.9	978.2	902.3	729.9	570.7	457.2	318.5	188.0	118.2	71.0	36.1
-20°	997.8	952.0	897.5	697.4	547.1	443.4	302.1	190.1	123.0	74.3	38.2



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	950.3	906.8	827.9	666.2	523.1	426.8	286.4	190.0	126.2	76.3	39.2
-25°	897.2	859.8	755.3	618.6	502.3	402.2	277.8	187.6	127.7	77.0	39.2
-27.5°	843.8	803.3	688.0	571.3	474.5	380.9	273.4	188.5	127.9	76.3	37.9
-30°	790.2	731.0	632.4	528.1	445.1	353.6	266.3	187.5	126.7	74.8	35.5
-32.5°	751.2	667.9	580.6	494.1	413.2	325.2	250.3	184.3	123.6	71.9	34.2
-35°	703.7	617.1	531.9	458.9	380.0	301.3	231.5	178.9	118.5	67.2	32.9
-37.5°	653.9	569.8	492.6	422.3	346.1	275.9	215.9	165.2	111.4	60.7	30.9
-40°	600.8	523.4	453.7	384.9	315.5	249.2	199.1	150.0	102.4	52.2	28.1
-42.5°	546.1	478.6	413.1	347.1	285.0	229.2	181.1	133.4	88.3	46.3	24.6
-45°	494.9	432.2	371.2	312.7	254.7	208.1	161.2	115.7	73.0	41.5	21.9
-47.5°	442.3	386.2	331.8	277.9	230.4	185.4	140.0	97.9	57.1	35.6	20.9
-50°	392.6	342.7	294.5	248.7	205.3	160.3	117.9	79.3	48.7	28.2	19.8
-52.5°	351.5	303.5	261.2	220.5	176.8	133.6	96.6	60.9	39.6	24.6	18.5
-55°	313.0	267.8	229.9	188.1	145.9	108.8	74.6	49.6	29.7	22.6	17.1
-57.5°	277.4	234.4	192.8	152.3	116.2	83.7	57.6	37.5	25.6	20.5	16.2
-60°	239.2	192.2	151.6	118.0	86.9	62.0	42.9	28.0	23.2	18.5	15.1
-62.5°	186.8	146.5	113.2	83.9	62.3	44.7	29.7	25.2	20.7	17.2	14.0
-65°	134.9	102.9	75.2	58.9	42.8	30.6	26.5	22.3	18.9	15.9	13.0
-67.5°	83.3	67.0	51.6	37.1	30.8	26.9	23.2	20.3	17.4	14.6	12.3
-70°	53.3	39.8	33.6	30.0	26.4	23.2	21.0	18.5	15.8	13.7	11.5
-72.5°	34.2	31.2	28.1	25.1	23.1	21.0	19.0	16.9	14.8	12.7	10.7
-75°	28.0	25.9	24.1	22.5	20.7	18.8	17.2	15.7	13.7	11.8	10.1
-77.5°	23.3	22.0	21.0	19.7	18.0	16.6	15.5	14.5	12.7	11.1	9.6
-80°	19.2	18.3	17.3	16.2	15.2	14.4	13.9	13.2	11.7	10.4	9.1
-82.5°	15.7	14.9	14.1	13.5	13.1	12.8	12.4	12.0	10.7	9.6	8.7
-85°	12.7	12.3	12.0	11.7	11.4	11.2	11.0	10.7	9.8	9.1	8.5
-87.5°	10.5	10.3	10.1	9.8	9.7	9.6	9.5	9.3	8.9	8.5	8.2
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	5.6	6.0



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.0	7.6	7.2	6.8	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.5	6.5	6.4	6.4	6.4	6.4	6.4
62.5°	6.6	6.6	6.4	6.4	6.4	6.4	6.4
60°	6.7	6.7	6.4	6.4	6.4	6.4	6.4
57.5°	7.0	6.9	6.5	6.4	6.4	6.4	6.4
55°	7.3	7.0	6.7	6.4	6.4	6.4	6.4
52.5°	7.6	7.2	6.9	6.4	6.5	6.4	6.4
50°	7.8	7.4	7.1	6.4	6.5	6.4	6.4
47.5°	8.0	7.6	7.2	6.4	6.5	6.4	6.4
45°	8.0	7.7	7.4	6.6	6.6	6.4	6.4
42.5°	8.0	7.8	7.6	6.7	6.6	6.4	6.4
40°	8.0	7.9	7.8	6.9	6.7	6.4	6.4
37.5°	8.0	8.0	7.8	7.1	6.8	6.4	6.4
35°	8.0	8.0	7.9	7.2	6.8	6.4	6.4
32.5°	8.0	8.0	8.0	7.4	6.9	6.4	6.4
30°	8.2	8.0	8.0	7.5	7.0	6.4	6.4
27.5°	8.4	8.0	8.0	7.6	7.1	6.4	6.4
25°	8.6	8.0	8.0	7.7	7.1	6.4	6.4
22.5°	8.8	8.0	8.0	7.8	7.2	6.4	6.4
20°	9.0	8.1	8.0	7.8	7.3	6.4	6.4
17.5°	9.3	8.3	8.0	7.9	7.4	6.4	6.4
15°	9.6	8.5	8.0	7.9	7.5	6.4	6.4
12.5°	9.9	8.6	8.0	8.0	7.6	6.4	6.4
10°	10.2	8.8	8.0	8.0	7.7	6.4	6.4
7.5°	10.5	9.0	8.0	8.0	7.8	6.4	6.4
5°	10.7	9.2	8.0	8.0	7.8	6.4	6.4
2.5°	11.0	9.4	8.0	8.0	7.9	6.4	6.4
0°	11.2	9.6	8.0	8.0	8.0	6.4	6.4
-2.5°	12.5	9.9	8.1	8.1	8.0	6.4	6.4
-5°	13.7	10.3	8.3	8.2	8.0	6.5	6.4
-7.5°	14.8	10.6	8.4	8.3	8.0	6.5	6.4
-10°	15.8	10.8	8.6	8.4	8.0	6.5	6.4
-12.5°	16.7	11.1	8.7	8.5	7.9	6.6	6.4
-15°	17.4	11.2	8.8	8.6	7.9	6.6	6.4
-17.5°	17.9	11.4	9.0	8.6	7.9	6.6	6.4
-20°	18.5	11.5	9.1	8.7	7.9	6.7	6.4



REPORT NUMBER: P1306258 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.1	11.5	9.2	8.7	7.8	6.7	6.4
-25°	19.4	11.7	9.4	8.7	7.8	6.7	6.4
-27.5°	19.2	11.8	9.5	8.7	7.8	6.7	6.4
-30°	18.6	11.9	9.6	8.7	7.8	6.7	6.4
-32.5°	17.5	11.9	9.8	8.7	7.8	6.8	6.4
-35°	17.1	11.8	9.9	8.6	7.8	6.8	6.4
-37.5°	16.9	11.7	10.1	8.6	7.7	6.8	6.4
-40°	16.6	11.8	10.1	8.5	7.7	6.8	6.4
-42.5°	16.1	11.9	10.1	8.4	7.7	6.8	6.4
-45°	15.5	11.8	9.9	8.2	7.7	6.8	6.4
-47.5°	14.7	11.7	9.8	8.1	7.7	6.8	6.4
-50°	14.3	11.5	9.6	8.1	7.7	6.8	6.4
-52.5°	13.9	11.3	9.4	8.1	7.7	6.8	6.4
-55°	13.4	10.9	9.1	8.1	7.8	6.8	6.4
-57.5°	12.8	10.6	8.9	8.1	7.8	6.8	6.4
-60°	12.1	10.2	8.6	8.1	7.8	6.7	6.4
-62.5°	11.5	9.7	8.5	8.1	7.7	6.7	6.4
-65°	10.9	9.3	8.4	8.1	7.6	6.7	6.4
-67.5°	10.3	8.9	8.4	8.0	7.5	6.7	6.4
-70°	9.6	8.8	8.3	8.0	7.4	6.7	6.4
-72.5°	9.2	8.5	8.1	7.9	7.3	6.6	6.4
-75°	8.8	8.3	8.0	7.7	7.2	6.6	6.4
-77.5°	8.4	8.1	7.9	7.6	7.1	6.6	6.4
-80°	8.0	7.9	7.7	7.4	6.9	6.5	6.4
-82.5°	8.0	7.9	7.6	7.3	6.8	6.5	6.4
-85°	8.0	7.8	7.5	7.1	6.7	6.5	6.4
-87.5°	8.0	7.7	7.3	7.0	6.5	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)