

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: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

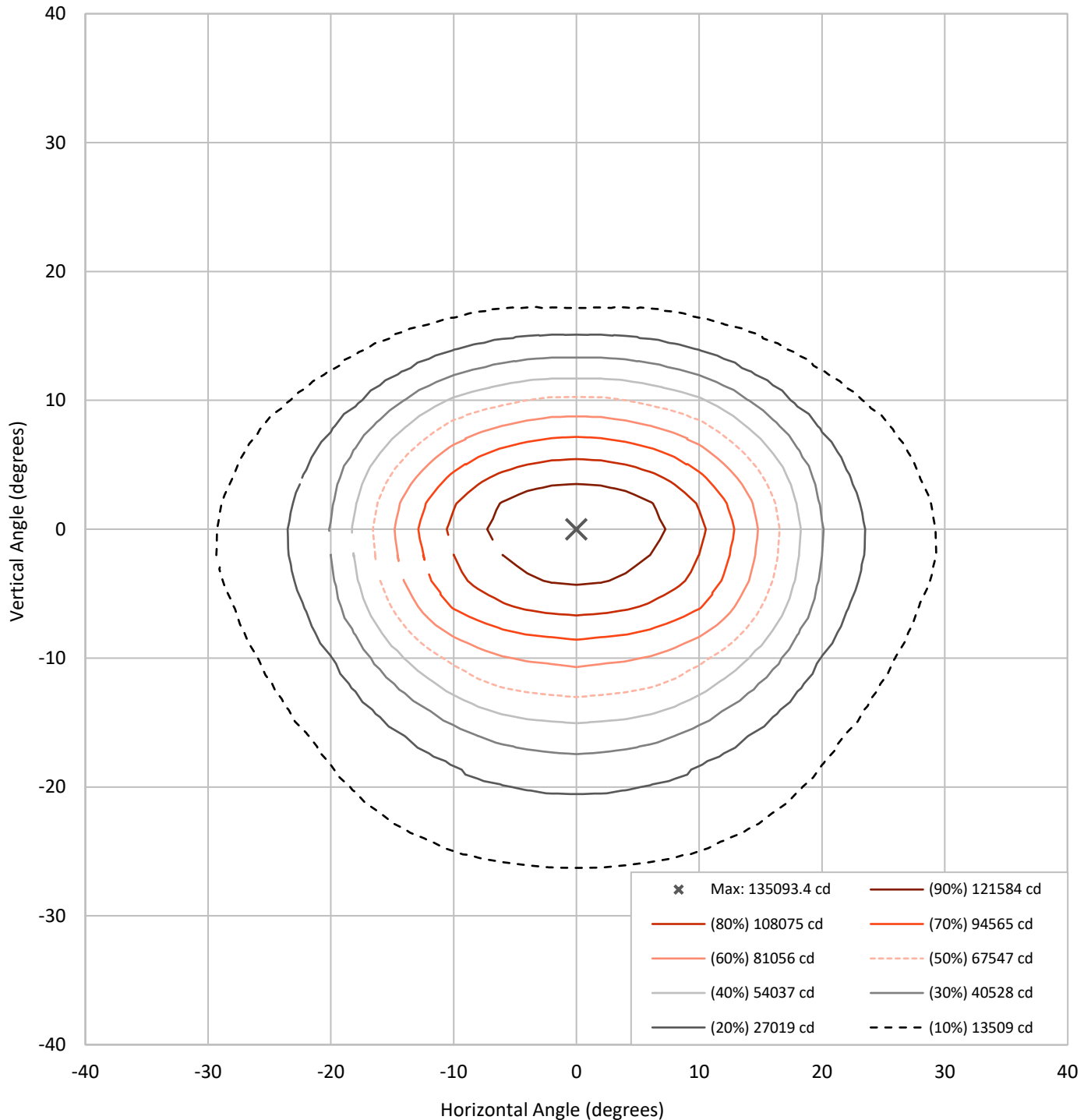
Test Method: LM-79-08  
Report Number: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-57-70-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	35662.3 lumens	Max Intensity:	135093.4 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%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	18044 lumens	Field Lumens:	30755.6 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
Input Watts (W):	334		
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		

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### Iso-Candela Plot





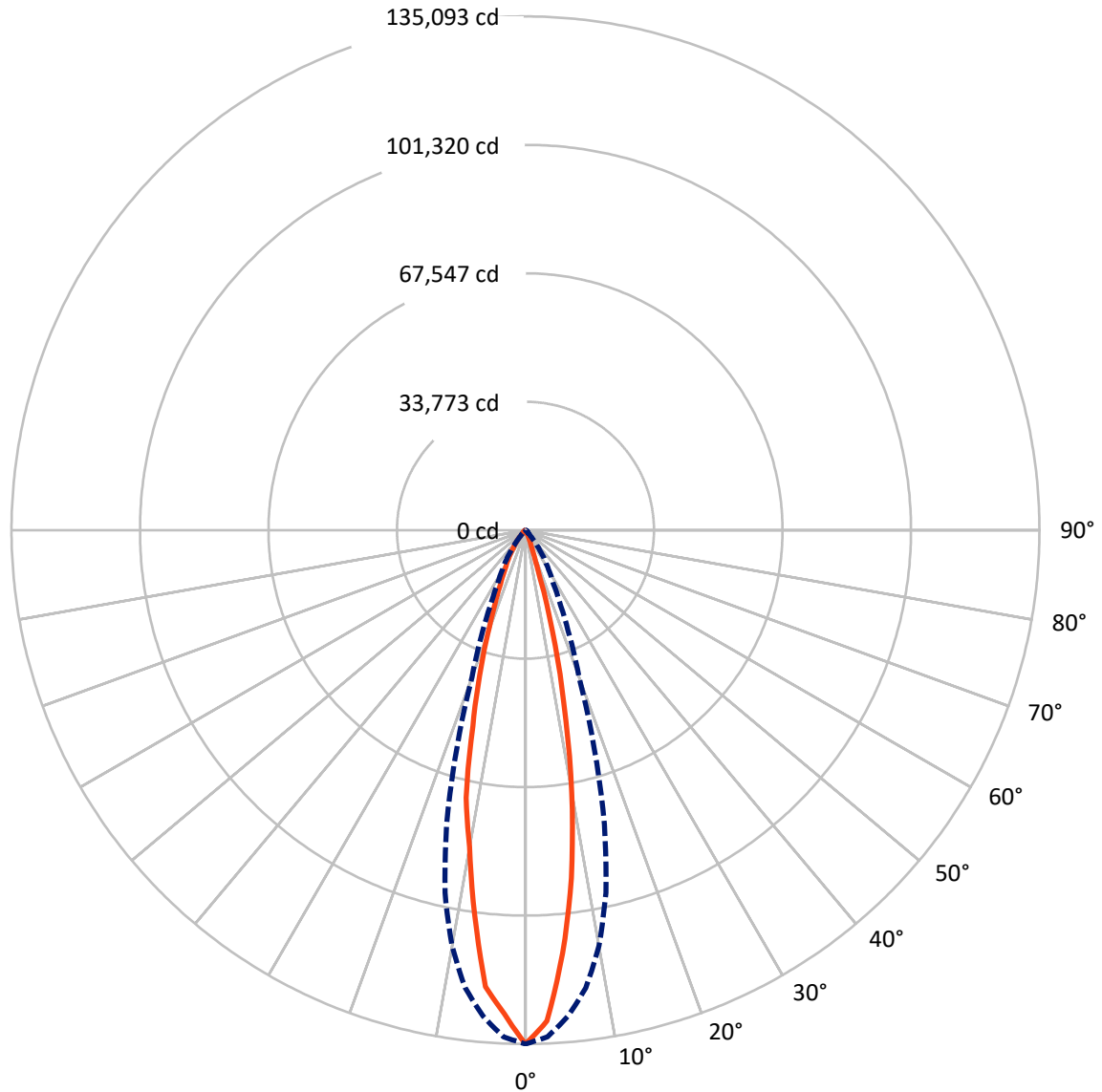
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### Lumen Table

90	0.1	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.1										
80	0.1	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.1										
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.5	0.2	0.1				
50	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1			
40		0.1	0.3	0.5	0.8	1.5	2.8	4.1	4.1	2.8	1.5	0.8	0.5	0.3	0.1				
30	0.2	0.2	0.9	2.0	5.4	14.9	30.8	51.2	51.2	30.8	14.9	5.4	2.0	0.9	0.2	0.2			
20		0.6	3.1	8.1	48.1	150.4	458.2	856.4	856.4	458.2	150.4	48.1	8.1	3.1	0.6				
10	0.2	1.1	6.2	20.3	149.4	526.3	1822.1	3100.7	3100.7	1822.1	526.3	149.4	20.3	6.2	1.1	0.2			
0		1.5	7.6	24.4	166.5	580.7	2006.9	3294.5	3294.5	2006.9	580.7	166.5	24.4	7.6	1.5				
-10	0.3	1.7	6.8	17.1	98.6	320.1	888.1	1560.9	1560.9	888.1	320.1	98.6	17.1	6.8	1.7	0.3			
-20		1.6	5.7	11.4	41.2	160.0	329.7	480.1	480.1	329.7	160.0	41.2	11.4	5.7	1.6				
-30	0.3	1.3	4.8	8.9	16.7	49.8	113.1	160.5	160.5	113.1	49.8	16.7	8.9	4.8	1.3	0.3			
-40		0.8	3.4	7.3	11.9	17.8	25.8	33.8	33.8	25.8	17.8	11.9	7.3	3.4	0.8				
-50	0.2	0.4	1.8	4.7	8.4	11.7	14.4	16.2	16.2	14.4	11.7	8.4	4.7	1.8	0.4	0.2			
-60		0.2	0.7	1.8	3.5	5.7	7.6	8.8	8.8	7.6	5.7	3.5	1.8	0.7	0.2				
-70	0.1	0.5	1.7	4.4	6.2	4.4	1.7	0.5	0.1						0.1				
-80		0.5	1.7	4.4	6.2	4.4	1.7	0.5	0.1										
-90	0.1	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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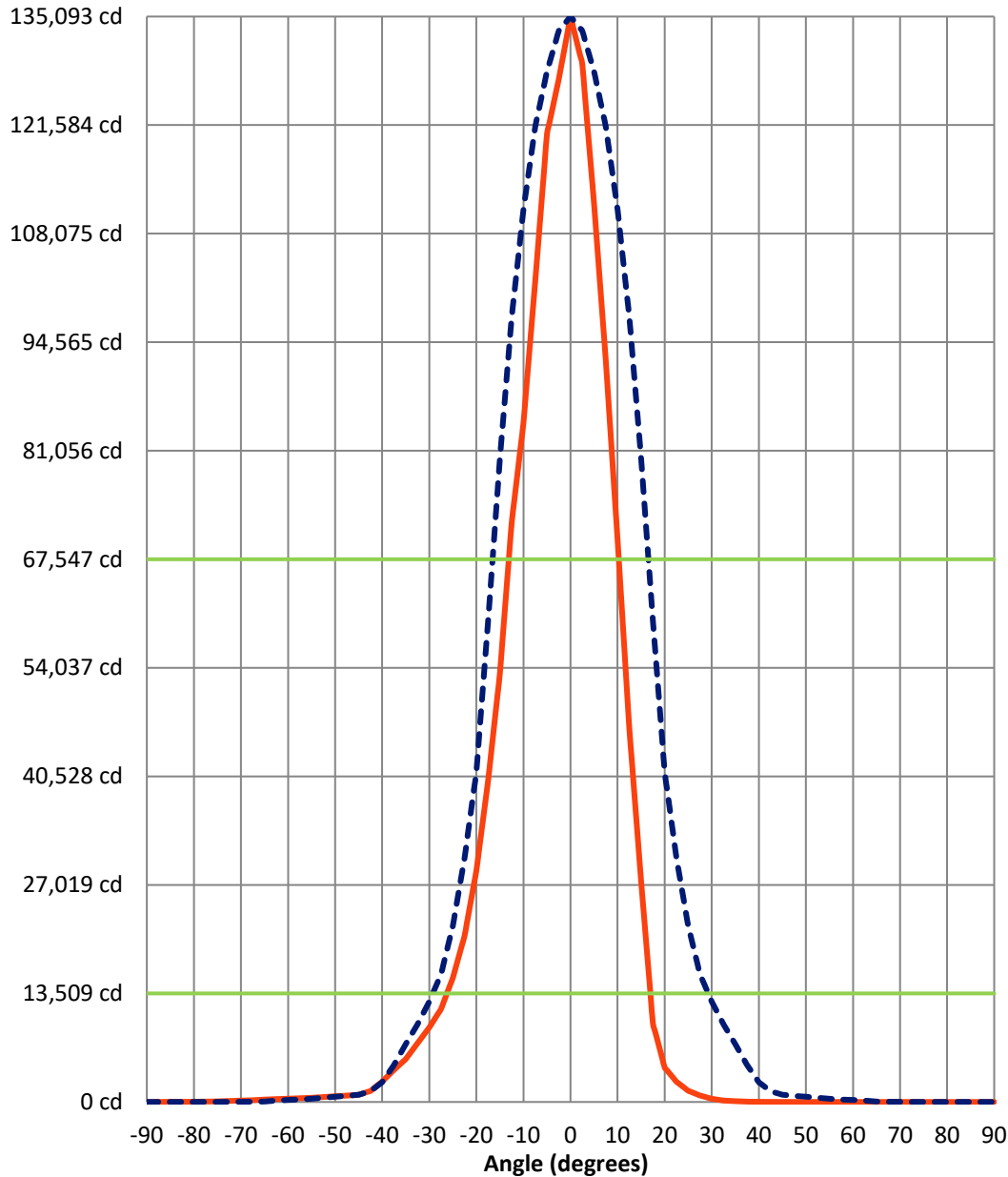
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 18044  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 30755.6  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 4906.7  
 Efficiency: 13.8%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.9	5.5	6.2	5.9	5.6	5.2	4.9	5.2	5.6	5.9	6.2
87.5°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.1	5.0	4.9
85°	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.5	5.4	5.2	4.9
82.5°	4.9	5.1	5.2	5.4	5.6	5.7	5.9	5.8	5.6	5.4	5.3
80°	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.0	5.8	5.8	5.8
77.5°	4.9	5.2	5.5	5.7	6.0	6.2	6.2	6.1	6.0	6.1	6.2
75°	4.9	5.2	5.6	5.9	6.2	6.2	6.2	6.1	6.2	6.2	6.2
72.5°	4.9	5.3	5.7	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
70°	4.9	5.3	5.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
67.5°	4.9	5.4	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	4.9	5.4	6.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
62.5°	4.9	5.5	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
60°	4.9	5.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
57.5°	4.9	5.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
55°	4.9	5.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
52.5°	4.9	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
50°	4.9	5.7	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.7
47.5°	4.9	5.8	6.2	6.2	6.2	6.2	6.2	6.4	6.2	6.2	7.3
45°	4.9	5.8	6.2	6.2	6.2	6.2	6.3	6.5	6.3	6.6	7.7
42.5°	4.9	5.9	6.2	6.2	6.2	6.2	6.4	6.6	6.3	6.9	8.0
40°	4.9	5.9	6.2	6.2	6.2	6.2	6.6	6.6	6.5	7.2	8.3
37.5°	4.9	5.9	6.2	6.2	6.2	6.2	6.7	6.7	6.9	7.6	8.5
35°	4.9	6.0	6.2	6.2	6.2	6.3	6.9	6.8	7.2	8.2	8.7
32.5°	4.9	6.0	6.2	6.2	6.2	6.4	7.0	6.8	7.5	8.8	9.6
30°	4.9	6.0	6.2	6.2	6.2	6.5	7.1	7.0	7.8	9.6	10.7
27.5°	4.9	6.1	6.2	6.2	6.2	6.7	7.2	7.2	8.3	10.5	11.9
25°	4.9	6.1	6.2	6.2	6.2	6.8	7.2	7.5	8.9	11.5	13.3
22.5°	4.9	6.1	6.2	6.2	6.2	6.9	7.3	7.7	9.7	12.6	15.9
20°	4.9	6.1	6.2	6.2	6.2	7.0	7.4	7.9	10.4	13.7	18.6
17.5°	4.9	6.1	6.2	6.2	6.2	7.1	7.5	8.1	11.2	14.9	21.5
15°	4.9	6.2	6.2	6.2	6.2	7.2	7.6	8.5	12.0	16.1	24.5
12.5°	4.9	6.2	6.2	6.2	6.2	7.3	7.7	9.1	13.2	17.3	27.5
10°	4.9	6.2	6.2	6.2	6.2	7.3	7.9	9.7	14.6	19.8	31.4
7.5°	4.9	6.2	6.2	6.2	6.2	7.3	8.1	10.4	15.9	22.6	37.3
5°	4.9	6.2	6.2	6.2	6.2	7.4	8.3	11.1	17.3	25.4	43.1
2.5°	4.9	6.2	6.2	6.2	6.2	7.4	8.4	11.7	18.5	28.2	48.8
0°	4.9	6.2	6.2	6.2	6.2	7.4	8.6	12.3	19.7	30.8	54.2
-2.5°	4.9	6.2	6.2	6.2	6.2	7.5	9.4	14.0	23.2	37.3	64.0
-5°	4.9	6.2	6.2	6.2	6.2	7.6	10.2	15.7	26.5	43.5	73.1
-7.5°	4.9	6.2	6.2	6.2	6.2	7.7	10.9	17.2	29.6	49.1	81.4
-10°	4.9	6.2	6.2	6.2	6.2	7.8	11.5	18.5	32.2	54.1	88.7
-12.5°	4.9	6.2	6.2	6.2	6.2	7.8	12.1	19.7	34.5	58.4	95.2
-15°	4.9	6.2	6.2	6.2	6.2	7.8	12.4	20.6	36.6	62.6	100.6
-17.5°	4.9	6.1	6.2	6.2	6.2	7.8	12.7	21.6	38.5	65.7	104.5
-20°	4.9	6.1	6.2	6.2	6.2	7.8	12.9	22.6	39.8	67.8	107.0



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 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	6.1	6.2	6.2	6.2	7.7	13.2	23.2	40.2	68.7	108.0
-25°	4.9	6.1	6.2	6.2	6.2	7.7	13.2	23.5	39.8	68.3	107.2
-27.5°	4.9	6.1	6.2	6.2	6.2	7.7	13.0	23.5	38.5	67.1	106.6
-30°	4.9	6.1	6.2	6.2	6.2	7.6	12.5	23.1	37.6	65.5	104.3
-32.5°	4.9	6.1	6.2	6.2	6.3	7.4	11.8	22.5	37.1	62.7	100.2
-35°	4.9	6.0	6.2	6.2	6.4	7.1	11.4	21.6	36.0	58.5	94.4
-37.5°	4.9	6.0	6.2	6.2	6.5	6.8	11.0	20.3	34.3	52.9	85.0
-40°	4.9	6.0	6.2	6.2	6.6	6.9	10.5	18.6	32.2	49.4	75.7
-42.5°	4.9	6.0	6.2	6.2	6.6	7.0	9.7	16.4	29.7	45.3	65.6
-45°	4.9	6.0	6.2	6.2	6.7	7.1	8.9	14.5	26.7	40.6	55.7
-47.5°	4.9	5.9	6.2	6.3	6.7	7.2	7.9	13.3	23.2	35.4	49.8
-50°	4.9	5.9	6.2	6.3	6.7	7.3	7.8	11.8	18.8	30.3	43.3
-52.5°	4.9	5.9	6.2	6.3	6.7	7.4	7.9	10.1	15.8	24.8	36.4
-55°	4.9	5.9	6.2	6.3	6.7	7.4	8.0	8.5	13.5	19.1	29.9
-57.5°	4.9	5.9	6.2	6.3	6.7	7.3	8.1	8.6	11.1	15.7	23.0
-60°	4.9	5.8	6.2	6.3	6.6	7.2	8.1	8.6	9.2	13.1	17.2
-62.5°	4.9	5.8	6.2	6.3	6.6	7.2	8.0	8.6	9.1	10.5	14.3
-65°	4.9	5.8	6.2	6.3	6.5	7.0	7.8	8.5	8.9	9.6	11.5
-67.5°	4.9	5.8	6.2	6.2	6.5	6.9	7.6	8.2	8.6	9.1	10.1
-70°	4.9	5.7	6.2	6.2	6.4	6.8	7.3	7.8	8.2	8.6	9.3
-72.5°	4.9	5.7	6.2	6.2	6.3	6.6	7.1	7.5	7.8	8.2	8.5
-75°	4.9	5.7	6.2	6.1	6.2	6.4	6.8	7.1	7.4	7.7	8.0
-77.5°	4.9	5.7	6.2	6.1	6.1	6.3	6.5	6.8	7.0	7.3	7.5
-80°	4.9	5.7	6.2	6.1	6.0	6.1	6.2	6.4	6.6	6.8	7.0
-82.5°	4.9	5.6	6.2	6.0	5.9	5.9	5.9	6.1	6.2	6.4	6.5
-85°	4.9	5.6	6.2	6.0	5.8	5.6	5.6	5.8	6.0	6.1	6.2
-87.5°	4.9	5.6	6.2	5.9	5.7	5.4	5.2	5.5	5.8	6.0	6.2
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.9	5.6	5.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.6	4.5
82.5°	5.3	5.2	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	5.8	5.6	5.3	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	5.9	5.6	5.3	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	6.0	5.7	5.3	5.0	4.9	4.9	4.9	5.2	5.3	5.3	5.2
72.5°	6.0	5.7	5.4	5.1	5.2	5.5	5.8	6.1	6.3	6.5	6.7
70°	6.1	5.7	5.6	5.7	5.9	6.3	6.8	7.5	8.1	8.6	9.4
67.5°	6.1	6.0	6.0	6.3	6.7	7.3	8.0	9.6	11.3	12.3	13.3
65°	6.2	6.2	6.3	6.7	7.3	8.9	10.7	12.7	15.7	17.5	18.2
62.5°	6.2	6.3	6.6	7.5	9.2	11.1	13.7	17.1	21.2	24.0	24.1
60°	6.2	6.3	7.3	9.1	11.0	13.4	16.8	21.4	27.5	32.0	29.1
57.5°	6.2	6.9	8.6	10.5	12.6	15.3	19.7	25.6	31.3	37.4	32.1
55°	6.5	7.9	9.6	11.5	13.9	16.9	21.4	26.4	32.7	34.5	28.4
52.5°	7.3	8.7	10.2	12.3	15.0	17.6	20.4	24.8	26.7	27.1	22.6
50°	8.0	9.1	10.5	12.8	15.4	17.3	17.9	20.4	20.6	18.7	16.2
47.5°	8.5	9.5	10.6	13.0	15.4	16.5	16.2	15.6	14.3	13.2	10.3
45°	8.8	9.9	10.9	13.3	15.3	15.7	14.2	11.3	11.8	10.5	9.7
42.5°	9.1	10.2	11.9	13.8	15.0	14.8	12.8	11.9	11.1	10.8	10.5
40°	9.4	10.6	13.1	14.7	15.0	14.5	14.6	14.0	12.0	12.8	12.9
37.5°	9.7	11.8	14.7	17.2	15.5	16.3	17.5	17.7	16.7	16.3	18.0
35°	10.0	13.1	18.0	20.7	19.1	19.7	22.1	23.0	23.3	23.2	24.5
32.5°	10.8	14.4	22.3	25.0	25.7	26.1	27.7	30.1	32.8	34.0	32.5
30°	12.5	18.5	27.3	30.2	33.4	38.0	37.0	38.8	44.9	47.3	49.6
27.5°	15.3	23.7	32.3	37.2	43.0	53.4	57.2	53.4	58.5	63.4	70.8
25°	18.5	37.0	37.9	45.2	58.1	73.8	83.9	88.3	76.8	85.3	105.2
22.5°	25.7	54.4	57.9	53.7	75.5	98.8	118.7	129.4	128.0	119.7	146.4
20°	38.4	72.0	81.3	83.1	99.7	127.5	158.5	176.6	193.7	223.5	301.8
17.5°	53.3	91.5	106.2	121.1	151.3	176.0	202.5	229.3	269.9	358.6	624.2
15°	69.8	112.5	132.2	162.4	207.3	248.8	281.1	305.1	376.7	562.6	1032.3
12.5°	87.4	134.6	158.9	206.1	266.4	325.2	371.0	419.5	540.1	905.5	1681.2
10°	105.5	157.4	186.2	251.3	327.5	404.1	463.5	536.5	725.0	1293.6	2389.4
7.5°	125.6	181.8	214.1	297.0	389.3	484.1	557.2	654.4	913.7	1685.9	3102.1
5°	145.1	207.2	243.7	336.5	441.2	554.3	644.7	771.0	1100.3	2066.1	3794.6
2.5°	163.0	231.9	272.7	372.5	484.9	607.7	704.4	840.8	1229.5	2315.9	4304.4
0°	178.7	255.2	300.8	405.6	525.1	657.0	760.6	904.8	1333.8	2466.6	4609.0
-2.5°	184.7	264.2	312.3	414.0	530.7	665.4	770.9	910.4	1365.8	2527.7	4653.9
-5°	188.2	271.1	322.4	419.4	532.7	668.7	777.0	910.3	1357.8	2474.8	4435.2
-7.5°	189.3	275.7	331.0	420.1	522.7	647.2	746.6	862.6	1250.8	2256.0	3963.5
-10°	188.2	275.0	328.4	404.6	496.5	609.4	705.9	810.4	1127.4	1981.5	3439.0
-12.5°	184.7	270.0	323.5	388.2	469.5	569.0	663.1	754.7	990.4	1654.8	2898.8
-15°	180.1	264.0	318.3	371.6	442.3	526.4	619.0	696.3	847.8	1306.2	2362.6
-17.5°	174.6	257.4	313.2	355.3	415.6	482.3	575.9	647.6	742.6	1084.0	1931.2
-20°	168.5	250.4	308.4	339.7	390.8	448.9	534.4	607.2	687.6	908.9	1468.5



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	162.2	243.3	301.3	331.1	374.5	425.9	492.6	564.5	631.7	715.5	1075.7
-25°	159.0	232.8	290.9	325.2	359.3	403.5	452.2	519.7	579.7	660.2	868.1
-27.5°	157.5	222.9	278.5	318.6	344.4	383.2	423.5	475.6	544.2	615.4	690.8
-30°	153.8	208.3	265.8	309.4	335.0	366.5	400.3	444.5	510.2	575.9	642.4
-32.5°	144.8	192.7	249.5	294.7	326.4	350.9	383.7	424.2	476.9	537.3	597.0
-35°	133.1	179.1	230.9	280.1	316.5	340.3	370.1	404.9	446.2	500.3	564.2
-37.5°	121.5	164.0	211.6	262.5	300.6	331.9	355.7	387.3	423.2	466.1	528.9
-40°	108.4	147.4	192.9	240.7	285.4	319.7	346.2	370.1	401.1	443.2	488.2
-42.5°	94.4	131.6	173.3	218.0	262.4	301.8	335.4	357.9	384.2	420.7	461.7
-45°	82.6	114.3	152.4	193.6	235.4	278.8	314.6	347.4	371.3	399.0	435.6
-47.5°	70.1	96.9	131.6	167.6	207.0	247.7	289.5	324.3	358.1	383.4	409.2
-50°	58.4	82.4	109.0	142.4	177.2	215.1	254.0	295.3	330.8	363.5	391.7
-52.5°	50.4	67.1	90.7	117.1	148.4	181.2	217.7	255.5	294.6	331.8	361.1
-55°	41.8	56.0	72.7	95.0	120.2	149.2	180.5	215.3	249.8	286.2	319.6
-57.5°	33.6	45.7	58.7	74.4	95.6	118.2	145.9	174.9	206.4	237.6	264.2
-60°	25.4	35.9	47.5	59.2	72.2	92.0	112.1	136.5	163.3	189.2	212.5
-62.5°	17.9	26.6	36.6	47.1	57.6	67.8	84.0	102.2	120.5	142.4	162.8
-65°	14.9	18.5	25.9	35.1	44.6	54.1	63.4	72.4	87.6	103.0	117.4
-67.5°	11.8	15.1	18.5	23.1	31.4	39.9	48.7	56.9	65.0	72.7	81.7
-70°	10.5	11.8	14.5	17.6	20.7	25.0	32.4	40.1	48.0	55.9	62.8
-72.5°	9.4	10.7	12.0	13.2	15.8	18.4	21.0	23.6	28.5	35.4	42.3
-75°	8.6	9.6	10.7	11.9	13.0	14.1	15.4	17.7	19.9	22.3	24.6
-77.5°	7.9	8.5	9.4	10.4	11.4	12.2	13.1	14.1	15.2	16.3	17.5
-80°	7.2	7.4	7.8	8.4	9.2	10.0	10.8	11.6	12.3	13.1	14.0
-82.5°	6.7	6.8	6.9	7.1	7.4	7.8	8.4	9.0	9.4	9.9	10.4
-85°	6.2	6.2	6.3	6.4	6.5	6.7	6.9	7.2	7.3	7.5	7.6
-87.5°	6.0	5.9	5.8	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.9	5.5	6.1	6.8	7.4	8.0	8.6	9.3	9.9	10.5	11.1
87.5°	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.8	2.5	2.2	1.9
85°	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.2	1.9
82.5°	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2	1.9
80°	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2	1.9
77.5°	4.9	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5	2.5	2.5
75°	5.0	4.8	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.1
72.5°	6.8	6.8	6.6	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.2
70°	10.1	10.5	10.2	9.5	8.4	7.5	7.1	6.6	6.1	5.6	5.0
67.5°	14.0	14.0	13.0	11.7	10.0	8.4	7.8	7.1	6.5	6.1	6.0
65°	18.2	17.0	15.3	13.2	10.8	8.5	7.9	7.2	6.6	6.2	6.2
62.5°	22.8	19.0	15.3	12.6	10.4	8.5	7.6	6.7	5.9	5.3	5.1
60°	24.5	18.1	13.1	10.9	9.1	7.6	6.7	5.9	5.3	4.9	4.9
57.5°	23.7	16.2	10.5	8.8	7.4	6.5	5.8	5.2	4.6	4.1	4.0
55°	20.2	13.2	7.9	6.8	6.1	5.4	4.8	4.4	4.1	3.7	3.7
52.5°	14.9	10.2	7.1	6.0	5.6	5.2	4.9	4.8	4.6	4.5	4.4
50°	10.9	7.9	6.8	6.1	5.8	5.8	6.0	6.0	5.9	5.8	5.6
47.5°	8.9	7.7	6.9	6.3	6.4	7.0	7.2	7.2	7.1	7.0	6.8
45°	8.5	7.9	7.5	7.9	8.3	8.6	8.6	8.4	8.8	9.0	8.8
42.5°	9.4	9.5	10.2	10.8	10.4	11.2	11.9	11.8	12.4	12.9	12.9
40°	13.2	12.9	14.8	15.4	15.7	16.4	18.5	18.3	19.2	21.8	22.3
37.5°	19.0	20.1	21.4	22.6	25.9	28.0	32.1	35.4	37.1	42.1	45.9
35°	26.9	29.6	30.3	36.8	43.5	49.9	55.6	62.6	65.5	76.5	84.2
32.5°	38.1	43.6	51.1	61.9	74.6	89.8	89.2	112.3	120.6	143.1	169.0
30°	53.3	68.7	93.3	110.4	141.8	166.5	178.9	215.0	263.4	309.8	372.8
27.5°	86.6	119.2	163.6	222.4	253.1	290.2	346.4	389.5	500.2	605.9	683.5
25°	148.8	217.2	301.3	388.1	442.4	491.1	593.8	669.2	826.0	943.8	1111.9
22.5°	284.6	430.8	537.2	601.6	718.2	870.6	944.6	1151.9	1384.5	1681.5	1927.0
20°	479.5	709.6	946.7	1091.5	1224.6	1561.2	1708.7	2096.9	2591.4	3150.3	3616.2
17.5°	938.4	1148.5	1631.2	2101.6	2455.5	2787.8	3720.4	4386.5	5679.6	7262.1	7992.0
15°	1683.9	2271.2	2834.5	3687.7	4590.6	5595.1	7058.6	9585.3	12758.8	16219.3	19962.3
12.5°	2729.9	3802.0	4809.7	5883.6	7176.2	9644.4	12981.2	17394.2	23096.4	29214.3	36278.4
10°	3904.9	5536.7	7008.5	8629.8	10925.0	14591.8	19537.6	26345.3	36500.1	46880.1	55883.8
7.5°	4957.2	6933.5	8929.8	11276.7	14914.7	20151.8	27267.4	37896.7	51157.8	64003.2	74956.0
5°	5965.5	8274.3	10549.7	13346.9	17931.9	24766.9	33975.8	48557.9	65322.4	79575.4	91579.1
2.5°	6751.2	9323.4	11927.3	15217.1	20448.2	28224.9	38684.4	56334.2	76568.0	92375.2	106100.8
0°	7201.4	9668.0	12494.6	15903.0	21922.2	30393.3	41120.2	59913.9	80064.7	97631.2	111044.8
-2.5°	7113.3	9697.9	12587.6	16035.7	21741.0	29874.0	40448.4	58376.2	78432.5	94268.5	107265.9
-5°	6664.2	9028.9	11576.6	14601.8	19636.0	27046.8	37429.3	54276.6	72889.9	88729.7	101939.7
-7.5°	5964.0	8055.1	10272.9	12906.0	17163.6	23612.0	32536.5	45654.1	62145.6	76491.5	86392.6
-10°	5199.6	7039.7	9041.1	11423.9	14781.9	19837.1	26599.1	36075.0	49563.0	61517.1	70701.1
-12.5°	4475.0	6147.8	7888.8	9878.5	12420.2	16401.8	21541.1	28615.6	37310.3	47136.6	56517.6
-15°	3780.1	5249.1	6768.3	8610.1	10820.5	13521.8	16976.8	21736.6	27449.0	33889.4	40837.0
-17.5°	3118.5	4408.4	5837.8	7445.9	9272.5	11336.4	14233.9	17497.9	21124.3	25320.7	29299.3
-20°	2446.5	3638.4	4935.4	6367.1	8005.9	9887.4	11949.2	14400.9	17024.5	19891.7	22867.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1867.2	2882.8	4017.6	5321.0	6859.7	8518.2	10117.5	11726.7	13667.7	15558.6	17457.8
-25°	1307.6	2112.8	3172.5	4418.5	5724.9	7111.1	8298.0	9432.3	10780.2	11992.6	13255.0
-27.5°	961.7	1515.0	2391.2	3496.3	4668.0	5618.8	6618.0	7548.4	8524.5	9294.0	10183.1
-30°	733.4	1051.9	1703.0	2565.1	3505.1	4333.5	5104.8	5947.3	6749.8	7417.8	7976.9
-32.5°	668.8	790.2	1119.8	1720.3	2399.8	3134.9	3802.1	4535.5	5208.7	5764.3	6209.4
-35°	628.6	694.4	790.5	1093.6	1492.0	2072.4	2629.2	3229.8	3787.8	4246.1	4614.6
-37.5°	594.2	652.0	708.7	765.6	985.1	1229.9	1631.7	2066.5	2443.4	2862.5	3189.7
-40°	551.5	616.4	662.2	709.0	761.8	823.0	1035.0	1225.4	1438.5	1734.4	1979.4
-42.5°	504.7	559.5	616.6	662.4	703.0	746.3	794.3	841.9	939.9	1064.3	1165.5
-45°	474.0	510.0	551.5	603.6	651.1	687.1	722.8	757.4	790.1	819.5	844.2
-47.5°	440.9	471.5	505.1	540.9	576.0	616.1	653.6	685.0	709.8	733.5	754.7
-50°	411.4	434.0	462.4	490.2	517.9	546.4	574.4	598.6	622.6	644.2	665.3
-52.5°	387.6	406.7	425.3	443.9	466.4	488.4	509.1	527.8	544.8	559.6	575.1
-55°	347.5	371.5	395.3	411.9	426.1	439.9	453.5	468.9	482.4	494.0	504.9
-57.5°	293.0	322.0	348.6	368.0	386.4	403.7	415.8	424.6	433.2	441.3	448.8
-60°	235.1	256.9	282.4	307.3	330.3	351.1	364.6	376.0	385.7	393.8	401.0
-62.5°	181.7	200.4	221.1	241.3	259.8	278.2	296.0	311.5	324.9	336.2	345.5
-65°	132.4	148.7	166.3	183.4	199.7	215.9	230.7	244.1	256.3	267.2	277.3
-67.5°	94.3	106.2	119.0	130.6	143.6	157.7	171.6	184.1	195.2	204.0	210.6
-70°	69.3	76.1	84.5	94.4	105.2	115.3	125.4	135.0	144.2	152.1	159.1
-72.5°	49.3	56.3	63.0	69.3	75.9	82.6	89.4	96.5	103.7	109.8	115.0
-75°	27.0	30.5	36.2	41.7	47.0	52.1	56.7	60.7	64.1	67.0	69.5
-77.5°	19.2	21.5	23.8	26.1	28.3	31.0	33.9	36.7	39.5	41.7	43.8
-80°	14.9	16.1	17.5	19.0	20.5	22.3	24.2	26.2	28.1	29.5	30.8
-82.5°	10.9	11.8	12.7	13.7	14.6	15.7	16.9	18.0	19.2	19.9	20.7
-85°	7.7	8.3	9.0	9.7	10.4	11.4	12.5	13.5	14.5	15.2	15.9
-87.5°	6.0	6.3	6.7	7.1	7.4	8.3	9.2	10.1	11.1	11.4	11.7
-90°	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.8	2.5	2.2	1.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	11.7	12.3	12.3	12.3	12.3	12.3	11.7	11.1	10.5	9.9	9.3
87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8
77.5°	2.5	2.5	1.9	1.2	1.9	2.5	2.5	2.5	2.5	2.5	2.8
75°	2.8	2.5	1.9	1.2	1.9	2.5	2.8	3.1	3.3	3.5	3.7
72.5°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.2	4.5	4.8	5.2
70°	4.4	3.8	3.7	3.7	3.7	3.8	4.4	5.0	5.6	6.1	6.6
67.5°	6.1	6.1	6.2	6.2	6.2	6.1	6.1	6.0	6.1	6.5	7.1
65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.6	7.2
62.5°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.3	5.9	6.7
60°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3	5.9
57.5°	3.8	3.8	3.7	3.7	3.7	3.8	3.8	4.0	4.1	4.6	5.2
55°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.1	4.4
52.5°	4.2	3.8	3.7	3.7	3.7	3.8	4.2	4.4	4.5	4.6	4.8
50°	5.3	5.0	4.9	4.9	4.9	5.0	5.3	5.6	5.8	5.9	6.0
47.5°	6.6	6.3	6.2	6.2	6.2	6.3	6.6	6.8	7.0	7.1	7.2
45°	8.4	7.8	7.4	7.4	7.4	7.8	8.4	8.8	9.0	8.8	8.4
42.5°	12.8	12.4	12.2	12.3	12.2	12.4	12.8	12.9	12.9	12.4	11.8
40°	23.4	24.1	24.4	24.7	24.4	24.1	23.4	22.3	21.8	19.2	18.3
37.5°	48.0	47.2	45.0	45.6	45.0	47.2	48.0	45.9	42.1	37.1	35.4
35°	89.2	94.5	98.3	101.1	98.3	94.5	89.2	84.2	76.5	65.5	62.6
32.5°	178.6	186.0	183.9	180.0	183.9	186.0	178.6	169.0	143.1	120.6	112.3
30°	410.0	431.5	425.7	400.6	425.7	431.5	410.0	372.8	309.8	263.4	215.0
27.5°	739.3	791.0	824.7	807.4	824.7	791.0	739.3	683.5	605.9	500.2	389.5
25°	1256.9	1357.3	1429.2	1399.1	1429.2	1357.3	1256.9	1111.9	943.8	826.0	669.2
22.5°	2234.8	2399.7	2497.7	2523.3	2497.7	2399.7	2234.8	1927.0	1681.5	1384.5	1151.9
20°	4202.2	4333.8	4359.8	4294.7	4359.8	4333.8	4202.2	3616.2	3150.3	2591.4	2096.9
17.5°	10111.1	10718.4	10273.2	9806.1	10273.2	10718.4	10111.1	7992.0	7262.1	5679.6	4386.5
15°	23129.6	25694.3	27155.3	27453.3	27155.3	25694.3	23129.6	19962.3	16219.3	12758.8	9585.3
12.5°	40755.8	44888.7	46594.3	46435.0	46594.3	44888.7	40755.8	36278.4	29214.3	23096.4	17394.2
10°	61659.4	66078.0	69879.9	69918.4	69879.9	66078.0	61659.4	55883.8	46880.1	36500.1	26345.3
7.5°	82558.2	87654.1	91230.8	92251.1	91230.8	87654.1	82558.2	74956.0	64003.2	51157.8	37896.7
5°	100853.8	107162.7	110713.6	111798.0	110713.6	107162.7	100853.8	91579.1	79575.4	65322.4	48557.9
2.5°	116939.3	124668.0	128562.4	129167.9	128562.4	124668.0	116939.3	106100.8	92375.2	76568.0	56334.2
0°	121364.9	128254.4	133298.0	135093.4	133298.0	128254.4	121364.9	111044.8	97631.2	80064.7	59913.9
-2.5°	117001.9	123029.4	126035.4	127289.2	126035.4	123029.4	117001.9	107265.9	94268.5	78432.5	58376.2
-5°	110105.3	115730.3	119558.7	120445.3	119558.7	115730.3	110105.3	101939.7	88729.7	72889.9	54276.6
-7.5°	92922.8	98459.6	100179.8	102129.9	100179.8	98459.6	92922.8	86392.6	76491.5	62145.6	45654.1
-10°	77638.8	81946.1	83130.7	84512.3	83130.7	81946.1	77638.8	70701.1	61517.1	49563.0	36075.0
-12.5°	64239.5	68505.9	70437.3	72090.4	70437.3	68505.9	64239.5	56517.6	47136.6	37310.3	28615.6
-15°	47064.2	51074.0	52459.1	53353.5	52459.1	51074.0	47064.2	40837.0	33889.4	27449.0	21736.6
-17.5°	34092.5	37146.4	38961.1	40013.3	38961.1	37146.4	34092.5	29299.3	25320.7	21124.3	17497.9
-20°	25484.0	27234.1	28640.0	28794.5	28640.0	27234.1	25484.0	22867.9	19891.7	17024.5	14400.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19048.8	20091.3	20738.5	20699.4	20738.5	20091.3	19048.8	17457.8	15558.6	13667.7	11726.7
-25°	14217.7	14918.6	15364.3	15444.4	15364.3	14918.6	14217.7	13255.0	11992.6	10780.2	9432.3
-27.5°	10819.7	11313.1	11568.8	11582.4	11568.8	11313.1	10819.7	10183.1	9294.0	8524.5	7548.4
-30°	8382.6	8793.6	9066.2	9274.8	9066.2	8793.6	8382.6	7976.9	7417.8	6749.8	5947.3
-32.5°	6583.4	6934.2	7172.0	7313.6	7172.0	6934.2	6583.4	6209.4	5764.3	5208.7	4535.5
-35°	4935.5	5216.5	5384.6	5342.5	5384.6	5216.5	4935.5	4614.6	4246.1	3787.8	3229.8
-37.5°	3477.8	3716.0	3885.4	3992.7	3885.4	3716.0	3477.8	3189.7	2862.5	2443.4	2066.5
-40°	2191.4	2356.1	2473.3	2548.0	2473.3	2356.1	2191.4	1979.4	1734.4	1438.5	1225.4
-42.5°	1248.0	1309.6	1351.1	1373.2	1351.1	1309.6	1248.0	1165.5	1064.3	939.9	841.9
-45°	863.2	878.5	889.7	896.2	889.7	878.5	863.2	844.2	819.5	790.1	757.4
-47.5°	771.3	783.9	792.1	796.3	792.1	783.9	771.3	754.7	733.5	709.8	685.0
-50°	684.3	699.7	709.1	712.5	709.1	699.7	684.3	665.3	644.2	622.6	598.6
-52.5°	589.7	602.2	610.6	615.1	610.6	602.2	589.7	575.1	559.6	544.8	527.8
-55°	514.5	522.5	526.6	527.6	526.6	522.5	514.5	504.9	494.0	482.4	468.9
-57.5°	455.1	460.2	464.3	467.2	464.3	460.2	455.1	448.8	441.3	433.2	424.6
-60°	406.8	411.2	413.6	414.2	413.6	411.2	406.8	401.0	393.8	385.7	376.0
-62.5°	352.7	358.0	362.1	364.9	362.1	358.0	352.7	345.5	336.2	324.9	311.5
-65°	286.4	294.4	298.6	300.8	298.6	294.4	286.4	277.3	267.2	256.3	244.1
-67.5°	215.8	219.9	220.9	220.7	220.9	219.9	215.8	210.6	204.0	195.2	184.1
-70°	165.7	171.8	174.0	175.0	174.0	171.8	165.7	159.1	152.1	144.2	135.0
-72.5°	119.8	124.0	126.5	128.2	126.5	124.0	119.8	115.0	109.8	103.7	96.5
-75°	71.6	73.3	74.4	75.2	74.4	73.3	71.6	69.5	67.0	64.1	60.7
-77.5°	45.8	47.7	48.6	49.3	48.6	47.7	45.8	43.8	41.7	39.5	36.7
-80°	32.0	33.1	33.3	33.3	33.3	33.1	32.0	30.8	29.5	28.1	26.2
-82.5°	21.4	22.1	22.2	22.2	22.2	22.1	21.4	20.7	19.9	19.2	18.0
-85°	16.6	17.3	17.3	17.3	17.3	17.3	16.6	15.9	15.2	14.5	13.5
-87.5°	12.0	12.3	12.9	13.6	12.9	12.3	12.0	11.7	11.4	11.1	10.1
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.9	2.2	2.5	2.8



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.6	8.0	7.4	6.8	6.1	5.5	4.9	4.9	4.9	4.9	4.9
87.5°	3.1	3.4	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9
85°	3.1	3.4	3.7	3.9	4.1	4.3	4.5	4.5	4.6	4.7	4.9
82.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9
80°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9
77.5°	3.2	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	4.9	4.9
75°	3.9	4.1	4.3	4.6	4.8	4.8	5.0	5.2	5.3	5.3	5.2
72.5°	5.5	5.8	6.1	6.4	6.6	6.8	6.8	6.7	6.5	6.3	6.1
70°	7.1	7.5	8.4	9.5	10.2	10.5	10.1	9.4	8.6	8.1	7.5
67.5°	7.8	8.4	10.0	11.7	13.0	14.0	14.0	13.3	12.3	11.3	9.6
65°	7.9	8.5	10.8	13.2	15.3	17.0	18.2	18.2	17.5	15.7	12.7
62.5°	7.6	8.5	10.4	12.6	15.3	19.0	22.8	24.1	24.0	21.2	17.1
60°	6.7	7.6	9.1	10.9	13.1	18.1	24.5	29.1	32.0	27.5	21.4
57.5°	5.8	6.5	7.4	8.8	10.5	16.2	23.7	32.1	37.4	31.3	25.6
55°	4.8	5.4	6.1	6.8	7.9	13.2	20.2	28.4	34.5	32.7	26.4
52.5°	4.9	5.2	5.6	6.0	7.1	10.2	14.9	22.6	27.1	26.7	24.8
50°	6.0	5.8	5.8	6.1	6.8	7.9	10.9	16.2	18.7	20.6	20.4
47.5°	7.2	7.0	6.4	6.3	6.9	7.7	8.9	10.3	13.2	14.3	15.6
45°	8.6	8.6	8.3	7.9	7.5	7.9	8.5	9.7	10.5	11.8	11.3
42.5°	11.9	11.2	10.4	10.8	10.2	9.5	9.4	10.5	10.8	11.1	11.9
40°	18.5	16.4	15.7	15.4	14.8	12.9	13.2	12.9	12.8	12.0	14.0
37.5°	32.1	28.0	25.9	22.6	21.4	20.1	19.0	18.0	16.3	16.7	17.7
35°	55.6	49.9	43.5	36.8	30.3	29.6	26.9	24.5	23.2	23.3	23.0
32.5°	89.2	89.8	74.6	61.9	51.1	43.6	38.1	32.5	34.0	32.8	30.1
30°	178.9	166.5	141.8	110.4	93.3	68.7	53.3	49.6	47.3	44.9	38.8
27.5°	346.4	290.2	253.1	222.4	163.6	119.2	86.6	70.8	63.4	58.5	53.4
25°	593.8	491.1	442.4	388.1	301.3	217.2	148.8	105.2	85.3	76.8	88.3
22.5°	944.6	870.6	718.2	601.6	537.2	430.8	284.6	146.4	119.7	128.0	129.4
20°	1708.7	1561.2	1224.6	1091.5	946.7	709.6	479.5	301.8	223.5	193.7	176.6
17.5°	3720.4	2787.8	2455.5	2101.6	1631.2	1148.5	938.4	624.2	358.6	269.9	229.3
15°	7058.6	5595.1	4590.6	3687.7	2834.5	2271.2	1683.9	1032.3	562.6	376.7	305.1
12.5°	12981.2	9644.4	7176.2	5883.6	4809.7	3802.0	2729.9	1681.2	905.5	540.1	419.5
10°	19537.6	14591.8	10925.0	8629.8	7008.5	5536.7	3904.9	2389.4	1293.6	725.0	536.5
7.5°	27267.4	20151.8	14914.7	11276.7	8929.8	6933.5	4957.2	3102.1	1685.9	913.7	654.4
5°	33975.8	24766.9	17931.9	13346.9	10549.7	8274.3	5965.5	3794.6	2066.1	1100.3	771.0
2.5°	38684.4	28224.9	20448.2	15217.1	11927.3	9323.4	6751.2	4304.4	2315.9	1229.5	840.8
0°	41120.2	30393.3	21922.2	15903.0	12494.6	9668.0	7201.4	4609.0	2466.6	1333.8	904.8
-2.5°	40448.4	29874.0	21741.0	16035.7	12587.6	9697.9	7113.3	4653.9	2527.7	1365.8	910.4
-5°	37429.3	27046.8	19636.0	14601.8	11576.6	9028.9	6664.2	4435.2	2474.8	1357.8	910.3
-7.5°	32536.5	23612.0	17163.6	12906.0	10272.9	8055.1	5964.0	3963.5	2256.0	1250.8	862.6
-10°	26599.1	19837.1	14781.9	11423.9	9041.1	7039.7	5199.6	3439.0	1981.5	1127.4	810.4
-12.5°	21541.1	16401.8	12420.2	9878.5	7888.8	6147.8	4475.0	2898.8	1654.8	990.4	754.7
-15°	16976.8	13521.8	10820.5	8610.1	6768.3	5249.1	3780.1	2362.6	1306.2	847.8	696.3
-17.5°	14233.9	11336.4	9272.5	7445.9	5837.8	4408.4	3118.5	1931.2	1084.0	742.6	647.6
-20°	11949.2	9887.4	8005.9	6367.1	4935.4	3638.4	2446.5	1468.5	908.9	687.6	607.2



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10117.5	8518.2	6859.7	5321.0	4017.6	2882.8	1867.2	1075.7	715.5	631.7	564.5
-25°	8298.0	7111.1	5724.9	4418.5	3172.5	2112.8	1307.6	868.1	660.2	579.7	519.7
-27.5°	6618.0	5618.8	4668.0	3496.3	2391.2	1515.0	961.7	690.8	615.4	544.2	475.6
-30°	5104.8	4333.5	3505.1	2565.1	1703.0	1051.9	733.4	642.4	575.9	510.2	444.5
-32.5°	3802.1	3134.9	2399.8	1720.3	1119.8	790.2	668.8	597.0	537.3	476.9	424.2
-35°	2629.2	2072.4	1492.0	1093.6	790.5	694.4	628.6	564.2	500.3	446.2	404.9
-37.5°	1631.7	1229.9	985.1	765.6	708.7	652.0	594.2	528.9	466.1	423.2	387.3
-40°	1035.0	823.0	761.8	709.0	662.2	616.4	551.5	488.2	443.2	401.1	370.1
-42.5°	794.3	746.3	703.0	662.4	616.6	559.5	504.7	461.7	420.7	384.2	357.9
-45°	722.8	687.1	651.1	603.6	551.5	510.0	474.0	435.6	399.0	371.3	347.4
-47.5°	653.6	616.1	576.0	540.9	505.1	471.5	440.9	409.2	383.4	358.1	324.3
-50°	574.4	546.4	517.9	490.2	462.4	434.0	411.4	391.7	363.5	330.8	295.3
-52.5°	509.1	488.4	466.4	443.9	425.3	406.7	387.6	361.1	331.8	294.6	255.5
-55°	453.5	439.9	426.1	411.9	395.3	371.5	347.5	319.6	286.2	249.8	215.3
-57.5°	415.8	403.7	386.4	368.0	348.6	322.0	293.0	264.2	237.6	206.4	174.9
-60°	364.6	351.1	330.3	307.3	282.4	256.9	235.1	212.5	189.2	163.3	136.5
-62.5°	296.0	278.2	259.8	241.3	221.1	200.4	181.7	162.8	142.4	120.5	102.2
-65°	230.7	215.9	199.7	183.4	166.3	148.7	132.4	117.4	103.0	87.6	72.4
-67.5°	171.6	157.7	143.6	130.6	119.0	106.2	94.3	81.7	72.7	65.0	56.9
-70°	125.4	115.3	105.2	94.4	84.5	76.1	69.3	62.8	55.9	48.0	40.1
-72.5°	89.4	82.6	75.9	69.3	63.0	56.3	49.3	42.3	35.4	28.5	23.6
-75°	56.7	52.1	47.0	41.7	36.2	30.5	27.0	24.6	22.3	19.9	17.7
-77.5°	33.9	31.0	28.3	26.1	23.8	21.5	19.2	17.5	16.3	15.2	14.1
-80°	24.2	22.3	20.5	19.0	17.5	16.1	14.9	14.0	13.1	12.3	11.6
-82.5°	16.9	15.7	14.6	13.7	12.7	11.8	10.9	10.4	9.9	9.4	9.0
-85°	12.5	11.4	10.4	9.7	9.0	8.3	7.7	7.6	7.5	7.3	7.2
-87.5°	9.2	8.3	7.4	7.1	6.7	6.3	6.0	5.9	5.9	5.9	5.8
-90°	3.1	3.4	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	5.2	5.6	5.9	6.2	5.9	5.6	5.2
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.2
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.2	5.4	5.5
82.5°	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.3	5.4	5.6	5.8
80°	4.9	4.9	4.9	5.0	5.3	5.6	5.8	5.8	5.8	5.8	6.0
77.5°	4.9	4.9	4.9	5.0	5.3	5.6	5.9	6.2	6.1	6.0	6.1
75°	4.9	4.9	4.9	5.0	5.3	5.7	6.0	6.2	6.2	6.2	6.1
72.5°	5.8	5.5	5.2	5.1	5.4	5.7	6.0	6.2	6.2	6.2	6.2
70°	6.8	6.3	5.9	5.7	5.6	5.7	6.1	6.2	6.2	6.2	6.2
67.5°	8.0	7.3	6.7	6.3	6.0	6.0	6.1	6.2	6.2	6.2	6.2
65°	10.7	8.9	7.3	6.7	6.3	6.2	6.2	6.2	6.2	6.2	6.2
62.5°	13.7	11.1	9.2	7.5	6.6	6.3	6.2	6.2	6.2	6.2	6.2
60°	16.8	13.4	11.0	9.1	7.3	6.3	6.2	6.2	6.2	6.2	6.2
57.5°	19.7	15.3	12.6	10.5	8.6	6.9	6.2	6.2	6.2	6.2	6.2
55°	21.4	16.9	13.9	11.5	9.6	7.9	6.5	6.2	6.2	6.2	6.2
52.5°	20.4	17.6	15.0	12.3	10.2	8.7	7.3	6.2	6.2	6.2	6.2
50°	17.9	17.3	15.4	12.8	10.5	9.1	8.0	6.7	6.2	6.2	6.3
47.5°	16.2	16.5	15.4	13.0	10.6	9.5	8.5	7.3	6.2	6.2	6.4
45°	14.2	15.7	15.3	13.3	10.9	9.9	8.8	7.7	6.6	6.3	6.5
42.5°	12.8	14.8	15.0	13.8	11.9	10.2	9.1	8.0	6.9	6.3	6.6
40°	14.6	14.5	15.0	14.7	13.1	10.6	9.4	8.3	7.2	6.5	6.6
37.5°	17.5	16.3	15.5	17.2	14.7	11.8	9.7	8.5	7.6	6.9	6.7
35°	22.1	19.7	19.1	20.7	18.0	13.1	10.0	8.7	8.2	7.2	6.8
32.5°	27.7	26.1	25.7	25.0	22.3	14.4	10.8	9.6	8.8	7.5	6.8
30°	37.0	38.0	33.4	30.2	27.3	18.5	12.5	10.7	9.6	7.8	7.0
27.5°	57.2	53.4	43.0	37.2	32.3	23.7	15.3	11.9	10.5	8.3	7.2
25°	83.9	73.8	58.1	45.2	37.9	37.0	18.5	13.3	11.5	8.9	7.5
22.5°	118.7	98.8	75.5	53.7	57.9	54.4	25.7	15.9	12.6	9.7	7.7
20°	158.5	127.5	99.7	83.1	81.3	72.0	38.4	18.6	13.7	10.4	7.9
17.5°	202.5	176.0	151.3	121.1	106.2	91.5	53.3	21.5	14.9	11.2	8.1
15°	281.1	248.8	207.3	162.4	132.2	112.5	69.8	24.5	16.1	12.0	8.5
12.5°	371.0	325.2	266.4	206.1	158.9	134.6	87.4	27.5	17.3	13.2	9.1
10°	463.5	404.1	327.5	251.3	186.2	157.4	105.5	31.4	19.8	14.6	9.7
7.5°	557.2	484.1	389.3	297.0	214.1	181.8	125.6	37.3	22.6	15.9	10.4
5°	644.7	554.3	441.2	336.5	243.7	207.2	145.1	43.1	25.4	17.3	11.1
2.5°	704.4	607.7	484.9	372.5	272.7	231.9	163.0	48.8	28.2	18.5	11.7
0°	760.6	657.0	525.1	405.6	300.8	255.2	178.7	54.2	30.8	19.7	12.3
-2.5°	770.9	665.4	530.7	414.0	312.3	264.2	184.7	64.0	37.3	23.2	14.0
-5°	777.0	668.7	532.7	419.4	322.4	271.1	188.2	73.1	43.5	26.5	15.7
-7.5°	746.6	647.2	522.7	420.1	331.0	275.7	189.3	81.4	49.1	29.6	17.2
-10°	705.9	609.4	496.5	404.6	328.4	275.0	188.2	88.7	54.1	32.2	18.5
-12.5°	663.1	569.0	469.5	388.2	323.5	270.0	184.7	95.2	58.4	34.5	19.7
-15°	619.0	526.4	442.3	371.6	318.3	264.0	180.1	100.6	62.6	36.6	20.6
-17.5°	575.9	482.3	415.6	355.3	313.2	257.4	174.6	104.5	65.7	38.5	21.6
-20°	534.4	448.9	390.8	339.7	308.4	250.4	168.5	107.0	67.8	39.8	22.6



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	492.6	425.9	374.5	331.1	301.3	243.3	162.2	108.0	68.7	40.2	23.2
-25°	452.2	403.5	359.3	325.2	290.9	232.8	159.0	107.2	68.3	39.8	23.5
-27.5°	423.5	383.2	344.4	318.6	278.5	222.9	157.5	106.6	67.1	38.5	23.5
-30°	400.3	366.5	335.0	309.4	265.8	208.3	153.8	104.3	65.5	37.6	23.1
-32.5°	383.7	350.9	326.4	294.7	249.5	192.7	144.8	100.2	62.7	37.1	22.5
-35°	370.1	340.3	316.5	280.1	230.9	179.1	133.1	94.4	58.5	36.0	21.6
-37.5°	355.7	331.9	300.6	262.5	211.6	164.0	121.5	85.0	52.9	34.3	20.3
-40°	346.2	319.7	285.4	240.7	192.9	147.4	108.4	75.7	49.4	32.2	18.6
-42.5°	335.4	301.8	262.4	218.0	173.3	131.6	94.4	65.6	45.3	29.7	16.4
-45°	314.6	278.8	235.4	193.6	152.4	114.3	82.6	55.7	40.6	26.7	14.5
-47.5°	289.5	247.7	207.0	167.6	131.6	96.9	70.1	49.8	35.4	23.2	13.3
-50°	254.0	215.1	177.2	142.4	109.0	82.4	58.4	43.3	30.3	18.8	11.8
-52.5°	217.7	181.2	148.4	117.1	90.7	67.1	50.4	36.4	24.8	15.8	10.1
-55°	180.5	149.2	120.2	95.0	72.7	56.0	41.8	29.9	19.1	13.5	8.5
-57.5°	145.9	118.2	95.6	74.4	58.7	45.7	33.6	23.0	15.7	11.1	8.6
-60°	112.1	92.0	72.2	59.2	47.5	35.9	25.4	17.2	13.1	9.2	8.6
-62.5°	84.0	67.8	57.6	47.1	36.6	26.6	17.9	14.3	10.5	9.1	8.6
-65°	63.4	54.1	44.6	35.1	25.9	18.5	14.9	11.5	9.6	8.9	8.5
-67.5°	48.7	39.9	31.4	23.1	18.5	15.1	11.8	10.1	9.1	8.6	8.2
-70°	32.4	25.0	20.7	17.6	14.5	11.8	10.5	9.3	8.6	8.2	7.8
-72.5°	21.0	18.4	15.8	13.2	12.0	10.7	9.4	8.5	8.2	7.8	7.5
-75°	15.4	14.1	13.0	11.9	10.7	9.6	8.6	8.0	7.7	7.4	7.1
-77.5°	13.1	12.2	11.4	10.4	9.4	8.5	7.9	7.5	7.3	7.0	6.8
-80°	10.8	10.0	9.2	8.4	7.8	7.4	7.2	7.0	6.8	6.6	6.4
-82.5°	8.4	7.8	7.4	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1
-85°	6.9	6.7	6.5	6.4	6.3	6.2	6.2	6.2	6.1	6.0	5.8
-87.5°	5.8	5.7	5.7	5.6	5.8	5.9	6.0	6.2	6.0	5.8	5.5
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	5.2	5.6	5.9	6.2	5.5	4.9
87.5°	5.2	5.2	5.1	5.1	5.0	5.0	4.9
85°	5.6	5.5	5.4	5.2	5.1	5.0	4.9
82.5°	5.9	5.7	5.6	5.4	5.2	5.1	4.9
80°	6.2	6.0	5.8	5.6	5.4	5.1	4.9
77.5°	6.2	6.2	6.0	5.7	5.5	5.2	4.9
75°	6.2	6.2	6.2	5.9	5.6	5.2	4.9
72.5°	6.2	6.2	6.2	6.1	5.7	5.3	4.9
70°	6.2	6.2	6.2	6.2	5.8	5.3	4.9
67.5°	6.2	6.2	6.2	6.2	5.9	5.4	4.9
65°	6.2	6.2	6.2	6.2	6.0	5.4	4.9
62.5°	6.2	6.2	6.2	6.2	6.1	5.5	4.9
60°	6.2	6.2	6.2	6.2	6.2	5.5	4.9
57.5°	6.2	6.2	6.2	6.2	6.2	5.6	4.9
55°	6.2	6.2	6.2	6.2	6.2	5.6	4.9
52.5°	6.2	6.2	6.2	6.2	6.2	5.7	4.9
50°	6.2	6.2	6.2	6.2	6.2	5.7	4.9
47.5°	6.2	6.2	6.2	6.2	6.2	5.8	4.9
45°	6.3	6.2	6.2	6.2	6.2	5.8	4.9
42.5°	6.4	6.2	6.2	6.2	6.2	5.9	4.9
40°	6.6	6.2	6.2	6.2	6.2	5.9	4.9
37.5°	6.7	6.2	6.2	6.2	6.2	5.9	4.9
35°	6.9	6.3	6.2	6.2	6.2	6.0	4.9
32.5°	7.0	6.4	6.2	6.2	6.2	6.0	4.9
30°	7.1	6.5	6.2	6.2	6.2	6.0	4.9
27.5°	7.2	6.7	6.2	6.2	6.2	6.1	4.9
25°	7.2	6.8	6.2	6.2	6.2	6.1	4.9
22.5°	7.3	6.9	6.2	6.2	6.2	6.1	4.9
20°	7.4	7.0	6.2	6.2	6.2	6.1	4.9
17.5°	7.5	7.1	6.2	6.2	6.2	6.1	4.9
15°	7.6	7.2	6.2	6.2	6.2	6.2	4.9
12.5°	7.7	7.3	6.2	6.2	6.2	6.2	4.9
10°	7.9	7.3	6.2	6.2	6.2	6.2	4.9
7.5°	8.1	7.3	6.2	6.2	6.2	6.2	4.9
5°	8.3	7.4	6.2	6.2	6.2	6.2	4.9
2.5°	8.4	7.4	6.2	6.2	6.2	6.2	4.9
0°	8.6	7.4	6.2	6.2	6.2	6.2	4.9
-2.5°	9.4	7.5	6.2	6.2	6.2	6.2	4.9
-5°	10.2	7.6	6.2	6.2	6.2	6.2	4.9
-7.5°	10.9	7.7	6.2	6.2	6.2	6.2	4.9
-10°	11.5	7.8	6.2	6.2	6.2	6.2	4.9
-12.5°	12.1	7.8	6.2	6.2	6.2	6.2	4.9
-15°	12.4	7.8	6.2	6.2	6.2	6.2	4.9
-17.5°	12.7	7.8	6.2	6.2	6.2	6.1	4.9
-20°	12.9	7.8	6.2	6.2	6.2	6.1	4.9



REPORT NUMBER: P1306099 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.2	7.7	6.2	6.2	6.2	6.1	4.9
-25°	13.2	7.7	6.2	6.2	6.2	6.1	4.9
-27.5°	13.0	7.7	6.2	6.2	6.2	6.1	4.9
-30°	12.5	7.6	6.2	6.2	6.2	6.1	4.9
-32.5°	11.8	7.4	6.3	6.2	6.2	6.1	4.9
-35°	11.4	7.1	6.4	6.2	6.2	6.0	4.9
-37.5°	11.0	6.8	6.5	6.2	6.2	6.0	4.9
-40°	10.5	6.9	6.6	6.2	6.2	6.0	4.9
-42.5°	9.7	7.0	6.6	6.2	6.2	6.0	4.9
-45°	8.9	7.1	6.7	6.2	6.2	6.0	4.9
-47.5°	7.9	7.2	6.7	6.3	6.2	5.9	4.9
-50°	7.8	7.3	6.7	6.3	6.2	5.9	4.9
-52.5°	7.9	7.4	6.7	6.3	6.2	5.9	4.9
-55°	8.0	7.4	6.7	6.3	6.2	5.9	4.9
-57.5°	8.1	7.3	6.7	6.3	6.2	5.9	4.9
-60°	8.1	7.2	6.6	6.3	6.2	5.8	4.9
-62.5°	8.0	7.2	6.6	6.3	6.2	5.8	4.9
-65°	7.8	7.0	6.5	6.3	6.2	5.8	4.9
-67.5°	7.6	6.9	6.5	6.2	6.2	5.8	4.9
-70°	7.3	6.8	6.4	6.2	6.2	5.7	4.9
-72.5°	7.1	6.6	6.3	6.2	6.2	5.7	4.9
-75°	6.8	6.4	6.2	6.1	6.2	5.7	4.9
-77.5°	6.5	6.3	6.1	6.1	6.2	5.7	4.9
-80°	6.2	6.1	6.0	6.1	6.2	5.7	4.9
-82.5°	5.9	5.9	5.9	6.0	6.2	5.6	4.9
-85°	5.6	5.6	5.8	6.0	6.2	5.6	4.9
-87.5°	5.2	5.4	5.7	5.9	6.2	5.6	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)