

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: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-57-70-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

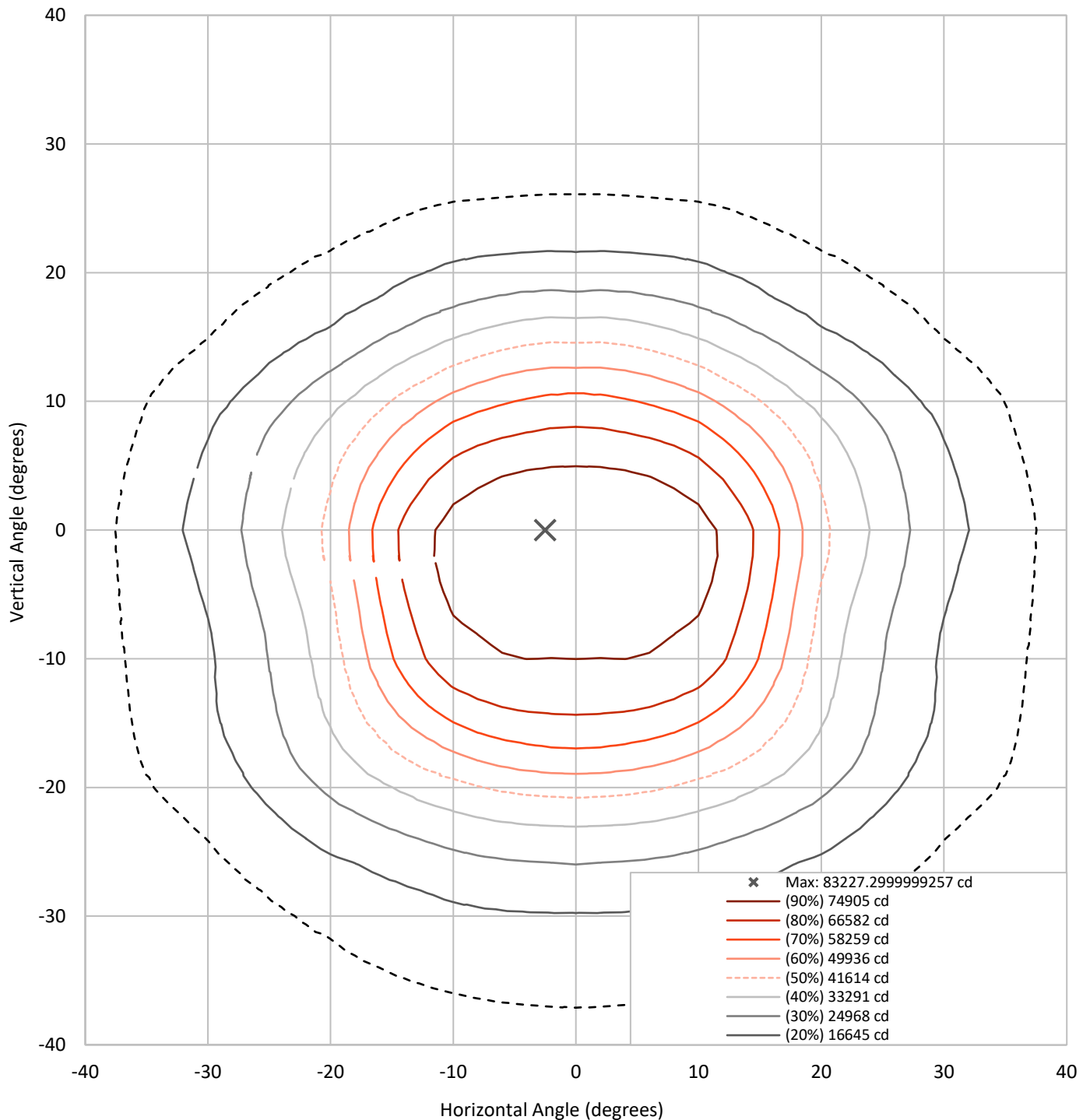
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	41075 lumens	Max Intensity:	83227.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	123.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	22592.1 lumens	Field Lumens:	37629.4 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

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

REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

### Iso-Candela Plot





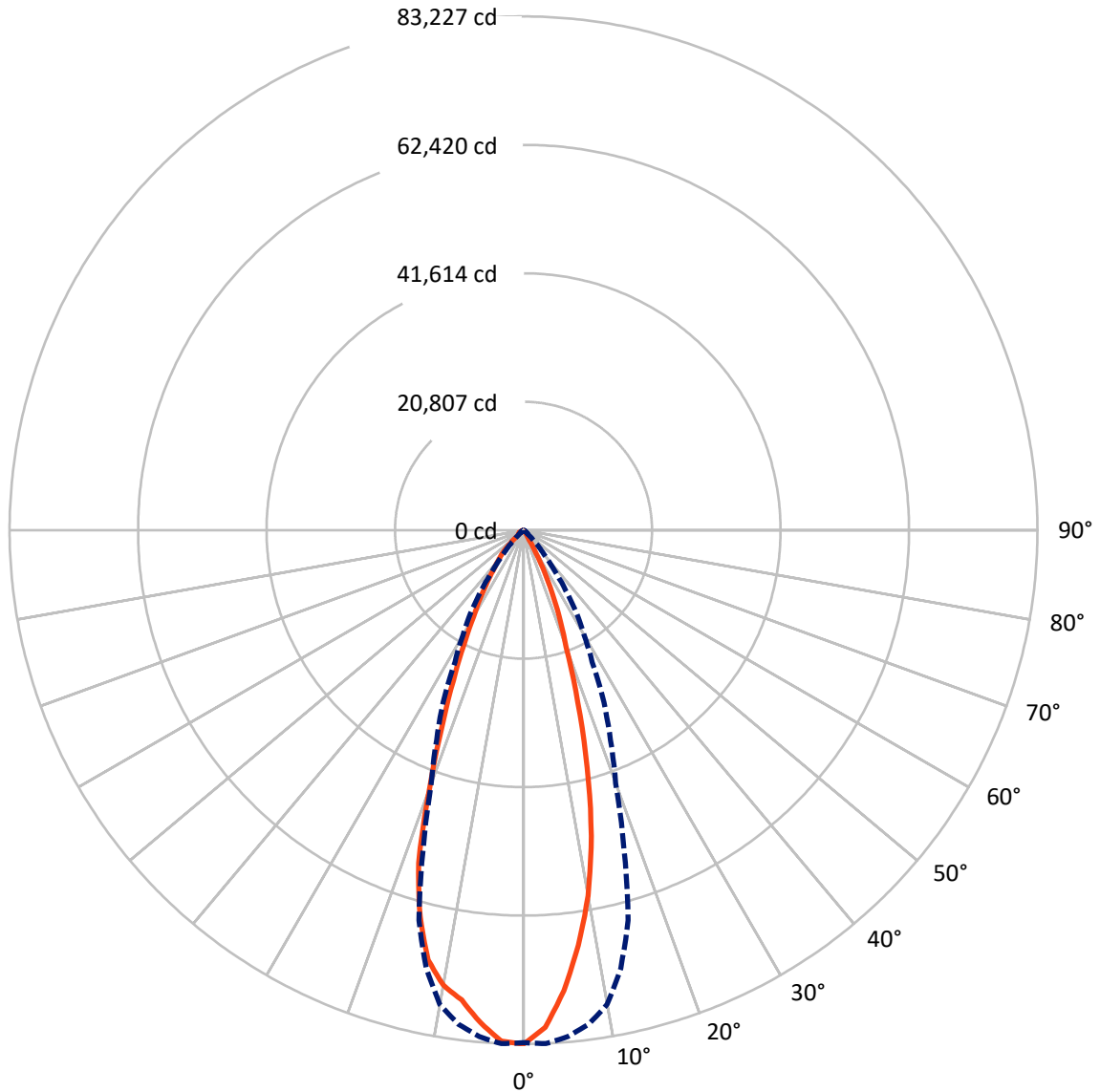
REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

### Lumen Table

90	0.1	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.1									
80	0.1	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.1									
70	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1		
60		0.1	0.2	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.2	0.1			
50	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.2	1.2	1.0	0.7	0.5	0.4	0.2	0.1	0.1		
40		0.1	0.5	1.2	3.3	9.2	16.0	20.4	20.4	16.0	9.2	3.3	1.2	0.5	0.1			
30	0.1	0.2	1.8	6.3	36.5	104.9	213.1	307.7	307.7	213.1	104.9	36.5	6.3	1.8	0.2	0.1		
20		0.5	3.9	20.4	129.7	380.2	779.2	1151.2	1151.2	779.2	380.2	129.7	20.4	3.9	0.5			
10	0.2	0.9	6.6	44.5	266.9	762.3	1596.0	2178.2	2178.2	1596.0	762.3	266.9	44.5	6.6	0.9	0.2		
0		1.5	9.0	53.8	279.4	780.5	1791.1	2387.3	2387.3	1791.1	780.5	279.4	53.8	9.0	1.5			
-10	0.2	1.8	9.3	43.2	237.2	642.6	1353.3	1863.7	1863.7	1353.3	642.6	237.2	43.2	9.3	1.8	0.2		
-20		1.5	7.6	20.3	119.0	343.9	632.4	830.4	830.4	632.4	343.9	119.0	20.3	7.6	1.5			
-30	0.2	1.2	5.2	11.8	34.8	129.6	238.4	311.0	311.0	238.4	129.6	34.8	11.8	5.2	1.2	0.2		
-40		0.7	3.2	8.3	15.3	28.7	64.8	97.8	97.8	64.8	28.7	15.3	8.3	3.2	0.7			
-50	0.1	0.3	1.6	4.7	9.8	16.1	22.1	25.6	25.6	22.1	16.1	9.8	4.7	1.6	0.3	0.1		
-60		0.2	0.6	1.8	4.1	7.1	10.8	12.8	12.8	10.8	7.1	4.1	1.8	0.6	0.2			
-70	0.1	0.3	1.6	4.7	9.8	16.1	22.1	25.6	25.6	22.1	16.1	9.8	4.7	1.6	0.3	0.1		
-80		0.2	0.6	1.8	4.1	7.1	10.8	12.8	12.8	10.8	7.1	4.1	1.8	0.6	0.2			
-90	0.1	0.5	1.5	3.9	5.4	3.9	1.5	0.5	0.1									

REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

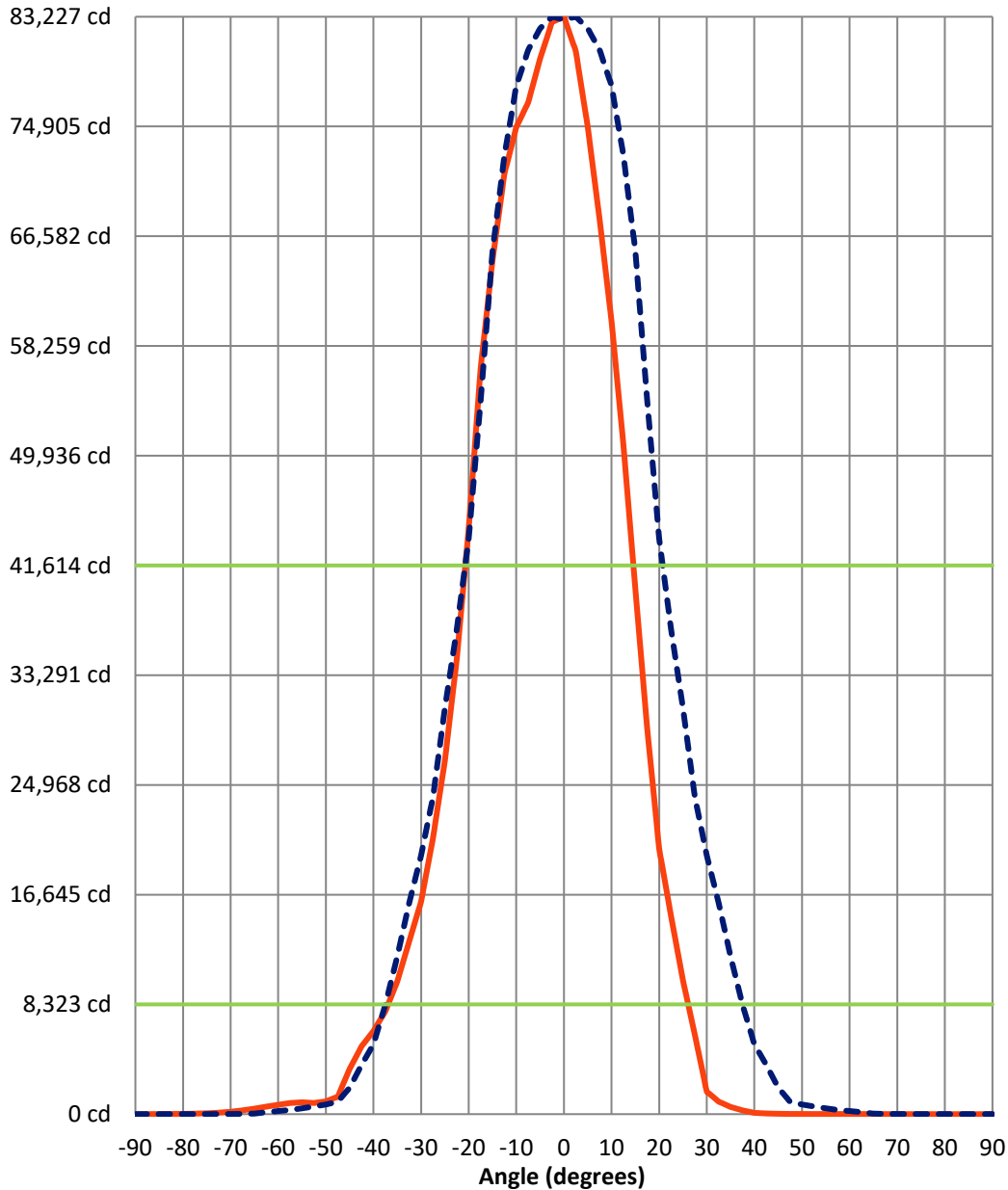
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.5°  
 V Angle: 35.3°  
 Lumens: 22592.1  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 37629.4  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 3445.6  
 Efficiency: 8.4%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.9	4.9	4.9	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	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.2	5.0
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3	5.4	5.4	5.4
67.5°	4.9	4.9	4.9	4.9	4.9	4.9	5.2	5.6	5.7	5.6	5.8
65°	4.9	4.9	4.9	4.9	4.9	5.0	5.5	5.9	5.8	5.9	6.1
62.5°	4.9	4.9	4.9	4.9	4.9	5.3	5.8	6.0	6.0	6.1	6.1
60°	4.9	4.9	4.9	4.9	4.9	5.5	6.1	6.1	6.1	6.1	6.1
57.5°	4.9	4.9	4.9	4.9	5.1	5.7	6.1	6.1	6.1	6.1	6.1
55°	4.9	4.9	4.9	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1
52.5°	4.9	4.9	4.9	4.9	5.4	6.1	6.1	6.1	6.1	6.1	6.1
50°	4.9	4.9	4.9	4.9	5.6	6.1	6.1	6.1	6.1	6.1	6.5
47.5°	4.9	4.9	4.9	4.9	5.7	6.1	6.1	6.1	6.1	6.1	6.9
45°	4.9	4.9	4.9	5.0	5.9	6.1	6.1	6.1	6.1	6.4	7.2
42.5°	4.9	4.9	4.9	5.2	6.0	6.1	6.1	6.1	6.2	6.8	7.6
40°	4.9	4.9	4.9	5.2	6.1	6.1	6.1	6.2	6.4	7.1	8.0
37.5°	4.9	4.9	4.9	5.3	6.1	6.1	6.1	6.4	6.8	7.5	8.3
35°	4.9	4.9	4.9	5.4	6.1	6.1	6.1	6.5	7.1	7.9	8.6
32.5°	4.9	4.9	4.9	5.4	6.1	6.1	6.1	6.7	7.4	8.4	9.2
30°	4.9	4.9	4.9	5.4	6.1	6.1	6.3	6.9	7.7	8.9	9.9
27.5°	4.9	4.9	4.9	5.5	6.1	6.1	6.4	7.1	8.1	9.4	10.7
25°	4.9	4.9	4.9	5.4	6.0	6.1	6.5	7.4	8.5	10.0	11.7
22.5°	4.9	4.9	4.9	5.4	6.0	6.1	6.7	7.6	8.9	10.7	13.7
20°	4.9	4.9	4.9	5.4	6.0	6.1	6.8	7.8	9.3	11.4	15.8
17.5°	4.9	4.9	4.9	5.4	6.0	6.1	7.0	8.0	9.7	12.2	17.9
15°	4.9	4.9	4.9	5.3	6.0	6.1	7.0	8.2	10.1	12.9	20.0
12.5°	4.9	4.9	4.9	5.3	6.0	6.1	7.1	8.3	10.5	13.7	22.1
10°	4.9	4.9	4.9	5.2	6.1	6.1	7.2	8.4	10.9	14.8	24.8
7.5°	4.9	4.9	4.9	5.1	6.1	6.1	7.2	8.4	11.2	16.0	29.3
5°	4.9	4.9	4.9	5.1	6.1	6.1	7.3	8.5	11.6	17.2	33.9
2.5°	4.9	4.9	4.9	5.0	6.1	6.1	7.3	8.5	11.9	18.3	38.3
0°	4.9	4.9	4.9	4.9	6.1	6.1	7.3	8.5	12.1	19.4	42.5
-2.5°	4.9	4.9	4.9	5.0	6.1	6.4	7.8	9.6	15.4	26.6	54.9
-5°	4.9	4.9	4.9	5.1	6.1	6.6	8.2	10.7	18.5	33.4	66.6
-7.5°	4.9	4.9	4.9	5.1	6.1	6.9	8.7	11.8	21.3	39.7	77.1
-10°	4.9	4.9	4.9	5.2	6.1	7.1	9.0	12.7	23.8	45.3	86.3
-12.5°	4.9	4.9	4.9	5.3	6.0	7.3	9.4	13.5	25.8	50.0	92.7
-15°	4.9	4.9	4.9	5.3	6.0	7.4	9.7	14.2	27.8	53.9	97.1
-17.5°	4.9	4.9	4.9	5.4	6.0	7.5	10.0	15.1	29.8	56.9	100.0
-20°	4.9	4.9	4.9	5.4	6.0	7.5	10.3	16.2	31.0	58.6	101.4



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	4.9	4.9	5.4	6.0	7.5	10.6	17.0	31.5	59.2	101.1
-25°	4.9	4.9	4.9	5.4	6.0	7.5	10.8	17.4	31.2	58.4	99.0
-27.5°	4.9	4.9	4.9	5.5	6.1	7.4	10.8	17.4	30.0	56.9	97.8
-30°	4.9	4.9	4.9	5.4	6.1	7.3	10.7	17.1	29.3	55.5	95.0
-32.5°	4.9	4.9	4.9	5.4	6.2	7.1	10.3	16.8	28.9	52.8	90.2
-35°	4.9	4.9	4.9	5.4	6.2	6.9	10.0	16.3	27.9	48.9	83.5
-37.5°	4.9	4.9	4.9	5.3	6.3	6.7	9.7	15.6	26.3	43.7	73.7
-40°	4.9	4.9	4.9	5.2	6.3	6.8	9.3	14.5	24.0	40.2	64.5
-42.5°	4.9	4.9	4.9	5.2	6.2	6.8	8.8	13.0	22.0	36.1	54.9
-45°	4.9	4.9	4.9	5.1	6.1	6.8	8.3	11.8	20.0	31.5	45.6
-47.5°	4.9	4.9	4.9	5.0	6.0	6.8	7.7	11.0	17.5	26.6	40.1
-50°	4.9	4.9	4.9	5.0	5.9	6.8	7.5	10.2	14.4	23.1	34.2
-52.5°	4.9	4.9	4.9	5.0	5.8	6.7	7.5	9.3	12.6	19.3	28.2
-55°	4.9	4.9	4.9	5.0	5.6	6.6	7.4	8.3	11.3	15.2	23.5
-57.5°	4.9	4.9	4.9	5.1	5.5	6.4	7.2	8.1	9.9	13.0	18.5
-60°	4.9	4.9	4.9	5.1	5.3	6.2	7.0	7.9	8.7	11.3	14.4
-62.5°	4.9	4.9	4.9	5.1	5.4	6.0	6.8	7.6	8.4	9.5	12.3
-65°	4.9	4.9	4.9	5.1	5.4	5.8	6.6	7.3	8.1	8.8	10.1
-67.5°	4.9	4.9	4.9	5.1	5.4	5.7	6.3	7.0	7.7	8.5	9.2
-70°	4.9	4.9	4.9	5.1	5.4	5.7	6.0	6.7	7.4	8.1	8.7
-72.5°	4.9	4.9	4.9	5.1	5.4	5.7	6.0	6.4	7.0	7.7	8.3
-75°	4.9	4.9	4.9	5.1	5.5	5.8	6.0	6.3	6.7	7.2	7.8
-77.5°	4.9	4.9	4.9	5.1	5.4	5.8	6.1	6.2	6.5	6.9	7.4
-80°	4.9	4.9	4.9	5.0	5.3	5.7	6.1	6.2	6.3	6.6	6.9
-82.5°	4.9	4.9	4.9	5.0	5.2	5.5	5.8	6.0	6.1	6.2	6.4
-85°	4.9	4.9	4.9	5.0	5.1	5.3	5.5	5.6	5.7	5.8	5.9
-87.5°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4
-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: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.9	4.9	4.9	4.9	4.6	4.3	3.9	3.6	3.6	3.6	3.6
87.5°	4.7	4.6	4.5	4.3	4.2	4.0	3.8	3.6	3.3	3.0	2.7
85°	4.9	4.9	4.9	4.9	4.6	4.3	3.9	3.6	3.4	3.3	3.2
82.5°	4.9	4.9	4.9	4.9	4.6	4.3	4.0	3.6	3.6	3.6	3.6
80°	4.9	4.9	4.9	4.9	4.6	4.3	4.0	3.7	3.6	3.6	3.7
77.5°	4.9	4.9	4.9	4.9	4.7	4.4	4.3	4.3	4.3	4.2	4.0
75°	4.9	4.9	5.0	4.9	4.8	4.8	4.9	4.9	4.7	4.4	4.1
72.5°	5.1	5.2	5.2	5.0	4.9	4.9	4.9	4.9	5.0	5.1	5.0
70°	5.6	5.6	5.4	5.1	4.9	5.0	5.5	6.2	6.8	6.7	6.6
67.5°	6.0	5.7	5.4	5.2	5.4	6.0	6.7	7.7	8.6	8.6	8.9
65°	6.1	5.8	5.6	5.8	6.1	7.1	8.2	9.3	11.8	13.4	14.2
62.5°	6.1	5.9	6.0	6.4	7.3	8.5	10.1	13.0	17.1	19.3	18.6
60°	6.1	6.1	6.5	7.4	8.4	9.6	12.2	16.3	21.6	25.4	23.2
57.5°	6.1	6.4	7.2	8.2	9.0	10.1	13.6	18.7	24.9	31.7	27.5
55°	6.3	6.9	7.8	8.7	9.6	10.4	14.2	19.9	27.0	31.0	27.0
52.5°	6.7	7.4	8.3	9.2	10.1	11.0	13.8	19.4	23.5	26.7	24.7
50°	7.2	7.9	8.7	9.7	10.7	11.7	12.2	16.7	20.1	21.5	21.4
47.5°	7.6	8.4	9.1	10.2	11.6	12.5	12.4	14.7	17.1	18.7	17.4
45°	8.0	8.8	9.6	11.1	12.6	13.4	14.1	13.6	17.5	18.6	17.8
42.5°	8.5	9.3	10.7	12.1	14.0	16.0	17.1	18.5	20.4	22.3	21.8
40°	8.8	9.7	12.2	15.0	16.4	20.0	23.7	25.9	26.7	28.4	28.4
37.5°	9.2	11.3	15.0	21.0	21.1	26.6	31.7	36.9	38.4	35.6	40.4
35°	9.6	13.0	22.7	30.0	31.1	35.3	43.8	51.7	56.4	53.7	58.1
32.5°	10.7	14.9	32.8	40.3	47.8	51.6	57.8	74.7	91.0	95.9	87.3
30°	12.6	24.0	44.2	51.7	69.4	81.1	84.8	107.6	141.7	171.4	230.2
27.5°	15.0	35.3	54.9	70.9	96.4	117.5	126.7	164.0	222.2	300.7	469.8
25°	17.5	47.1	66.2	95.3	131.8	156.3	171.3	223.9	321.5	572.4	888.2
22.5°	23.7	59.1	80.5	122.5	171.7	192.9	224.7	296.3	460.3	877.2	1401.1
20°	33.3	70.5	100.9	149.3	214.5	227.9	273.9	365.8	650.2	1281.7	1911.1
17.5°	42.8	83.3	123.2	181.0	247.3	274.5	321.6	429.1	809.5	1788.5	2573.2
15°	51.9	97.2	144.3	213.2	285.8	339.4	411.5	571.6	1114.0	2388.7	3449.8
12.5°	60.7	111.8	164.0	245.2	330.2	408.2	514.6	803.9	1657.1	3089.8	4673.6
10°	68.8	126.7	182.3	276.4	379.0	479.5	621.4	1058.1	2205.9	3700.0	5642.5
7.5°	87.6	149.4	202.8	306.2	430.0	551.6	729.2	1322.6	2701.3	4216.4	6452.3
5°	108.5	180.1	241.9	353.1	483.7	619.5	828.0	1584.5	3135.6	4641.7	7181.6
2.5°	129.0	209.7	280.1	399.6	535.2	678.5	889.1	1812.9	3476.4	5001.6	7811.0
0°	148.0	237.7	316.6	442.7	582.2	732.6	941.2	2012.2	3735.6	5293.0	8307.0
-2.5°	171.3	267.7	357.1	483.7	598.0	734.2	942.0	1938.6	3792.0	5568.3	8120.9
-5°	191.4	295.0	394.6	520.9	612.1	731.9	934.4	1826.1	3760.9	5715.7	7970.9
-7.5°	207.6	319.3	428.5	550.6	625.0	739.5	952.6	1850.9	3709.1	5715.7	7876.8
-10°	217.0	326.3	428.7	549.0	633.4	749.0	965.1	1807.1	3551.0	5597.3	7685.6
-12.5°	208.6	317.7	419.9	541.8	638.7	751.0	961.1	1683.4	3284.6	5356.0	7446.8
-15°	198.7	307.4	407.3	528.6	640.7	744.4	938.7	1471.4	2847.8	4836.4	7158.9
-17.5°	187.6	295.6	390.9	508.9	639.0	728.7	884.1	1135.9	2282.6	4110.3	6498.3
-20°	175.8	282.5	370.5	482.3	630.3	692.6	801.1	1007.7	1800.9	3296.4	5459.5



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	163.7	268.3	349.2	456.0	579.3	649.0	723.6	872.3	1273.3	2381.5	4116.5
-25°	156.9	250.4	330.6	421.4	527.1	608.4	645.6	739.3	940.0	1748.2	3005.3
-27.5°	153.7	233.4	307.8	385.8	479.4	565.8	593.1	653.7	803.7	1127.7	2030.3
-30°	148.4	210.4	282.7	351.6	437.7	514.7	554.6	593.0	688.8	864.0	1363.9
-32.5°	136.6	186.9	255.6	322.3	396.5	471.2	531.3	568.1	628.4	719.9	885.7
-35°	122.1	169.5	228.1	290.5	355.9	430.9	498.7	552.6	581.8	644.8	755.8
-37.5°	108.9	150.7	200.5	258.5	319.4	388.8	463.4	522.2	565.1	595.3	674.8
-40°	94.9	130.5	176.9	228.4	283.3	346.7	415.4	483.7	538.0	583.1	618.5
-42.5°	80.7	114.3	153.4	198.8	250.8	306.3	365.3	432.3	499.7	558.4	603.0
-45°	69.6	97.4	129.6	173.1	218.8	267.4	320.8	376.3	448.7	515.2	570.7
-47.5°	58.1	81.2	110.7	146.8	188.8	232.0	277.1	332.6	392.7	458.4	521.7
-50°	47.6	68.2	91.9	124.4	160.4	198.5	238.6	289.4	344.8	400.7	458.7
-52.5°	40.6	54.9	76.8	102.3	134.0	168.1	205.0	248.4	297.5	348.7	400.0
-55°	33.3	45.7	61.9	83.4	108.3	138.9	173.6	211.2	249.8	296.4	342.5
-57.5°	26.8	37.4	50.2	66.2	86.8	109.7	141.9	175.4	210.8	246.8	285.2
-60°	20.9	29.5	40.4	52.8	67.0	87.2	110.2	139.2	170.6	202.3	234.6
-62.5°	15.3	22.3	31.2	41.5	53.2	65.9	84.5	106.3	129.8	156.2	183.3
-65°	12.8	15.9	22.3	30.8	40.2	51.3	63.4	76.4	95.5	114.3	133.1
-67.5°	10.2	12.9	15.9	20.1	28.1	36.9	46.1	57.1	68.6	79.2	91.5
-70°	9.3	10.0	12.2	15.0	18.1	22.9	30.7	38.8	47.0	55.0	64.0
-72.5°	8.8	9.3	9.9	10.7	13.0	15.9	19.1	22.6	27.9	34.2	40.4
-75°	8.2	8.5	8.9	9.4	10.1	10.9	12.0	14.6	17.4	20.1	22.7
-77.5°	7.7	7.9	8.1	8.3	8.6	9.1	9.7	10.3	11.2	12.3	13.6
-80°	7.1	7.3	7.5	7.6	7.7	7.7	7.9	8.1	8.4	8.8	9.4
-82.5°	6.6	6.7	6.8	7.0	6.8	6.6	6.5	6.4	6.6	6.8	7.0
-85°	6.0	6.1	6.2	6.3	6.1	5.9	5.6	5.4	5.5	5.5	5.6
-87.5°	5.5	5.5	5.5	5.6	5.3	5.1	4.8	4.5	4.6	4.6	4.6
-90°	4.6	4.3	3.9	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.6	3.6	3.6	3.6	3.6	3.9	4.3	4.6	4.9	5.5	6.1
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.8
85°	3.2	3.0	2.8	2.6	2.4	2.4	2.4	2.4	2.4	2.1	1.8
82.5°	3.6	3.3	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.1	1.8
80°	3.6	3.4	3.3	3.2	3.2	3.0	2.9	2.7	2.4	2.1	1.8
77.5°	3.7	3.6	3.6	3.6	3.6	3.4	3.1	2.7	2.4	2.1	1.8
75°	3.7	3.6	3.7	3.7	3.6	3.5	3.4	3.4	3.4	3.2	2.9
72.5°	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5
70°	6.5	6.4	6.3	6.1	5.8	5.6	5.4	5.1	4.7	4.6	4.7
67.5°	9.5	9.7	9.6	9.2	8.3	7.4	7.0	6.5	6.0	6.0	6.4
65°	14.0	12.2	11.1	10.1	9.3	8.6	8.2	7.7	7.2	7.4	8.4
62.5°	16.6	13.0	11.1	10.4	10.0	9.6	8.9	8.4	8.2	8.4	9.3
60°	19.3	14.0	10.4	9.8	9.2	8.6	8.5	8.5	8.5	8.6	9.0
57.5°	20.7	14.3	9.6	9.3	9.0	8.6	8.6	8.7	8.7	8.5	8.9
55°	20.2	14.4	9.9	9.5	9.4	9.5	9.5	9.0	8.7	8.5	8.8
52.5°	18.4	13.9	10.6	9.8	9.7	9.3	8.5	9.0	9.5	9.9	10.3
50°	16.4	13.1	11.4	10.6	10.6	10.7	10.7	11.3	11.9	12.3	12.8
47.5°	15.1	13.2	13.0	12.8	13.1	13.8	14.1	14.8	16.6	17.5	18.0
45°	15.2	16.1	16.8	17.4	17.4	20.8	23.3	24.6	26.2	27.7	28.9
42.5°	20.5	22.9	25.0	28.2	30.1	35.8	38.8	35.1	42.8	49.5	51.1
40°	31.5	34.8	42.3	50.6	60.6	64.9	85.1	86.0	94.8	116.7	123.8
37.5°	47.8	57.5	83.5	105.5	140.3	161.1	186.7	211.3	231.1	251.4	265.3
35°	74.6	124.2	163.3	231.7	278.6	302.2	332.7	369.2	384.6	448.5	497.4
32.5°	159.4	248.4	354.5	409.2	470.7	517.7	511.1	662.6	721.0	817.1	895.3
30°	294.6	507.3	792.1	792.2	781.2	1040.2	1135.0	1330.7	1531.2	1664.9	1984.4
27.5°	680.9	1132.3	1583.6	1592.7	1788.2	2329.1	2637.2	2729.7	3600.0	4159.0	4921.4
25°	1254.7	1997.7	2620.2	2909.8	3490.5	4371.8	4893.5	5515.5	6814.5	8294.7	9229.2
22.5°	1868.7	2660.5	3595.9	4255.6	5368.4	6502.1	7450.8	8823.5	10569.4	12221.0	13338.5
20°	2330.9	3261.1	4582.3	5967.9	7377.6	8798.8	10272.6	12158.8	14522.2	16533.4	18351.2
17.5°	3273.3	4256.8	6044.9	7929.5	9842.9	11361.3	13688.7	15950.9	18830.2	21748.6	24009.1
15°	4667.8	6253.1	8042.0	10486.7	13177.9	15501.4	17969.1	21939.1	25441.9	29192.9	32544.2
12.5°	6457.2	8558.3	10929.0	13740.4	17267.6	20914.0	24677.6	28868.0	33449.5	37955.1	42737.9
10°	8128.0	11015.6	14076.4	17535.8	21572.1	26176.9	30775.5	35523.5	41889.8	47659.9	52774.4
7.5°	9281.6	12682.5	16439.2	20667.5	25649.6	30547.2	35741.8	42197.4	49635.0	56177.8	61419.2
5°	10317.5	14171.3	17922.3	22196.8	27989.2	33587.2	39724.9	47582.3	56048.9	63223.9	68447.5
2.5°	11219.4	15366.6	19009.3	23315.5	29675.1	35499.6	42201.8	51566.1	61429.3	68616.2	74127.8
0°	11961.3	16008.7	19624.3	24059.7	30783.9	36782.8	43658.5	54072.3	65425.9	72686.2	77984.0
-2.5°	11243.0	14914.6	18483.6	22976.1	29752.2	35895.9	43327.4	53920.0	65062.4	72893.0	78363.2
-5°	10700.5	14053.4	17441.4	21886.8	27846.7	33543.5	40517.0	51410.7	63138.4	71050.5	76585.5
-7.5°	10280.0	13206.2	16286.5	20379.9	25832.0	31873.0	39350.0	49860.7	60942.6	68944.8	73960.1
-10°	9821.6	12335.5	15692.5	19818.3	25120.1	30879.3	37521.6	47244.6	58441.6	66141.0	72015.0
-12.5°	9682.0	12336.4	15717.8	19300.1	24176.8	29707.5	36040.4	44322.2	52904.6	60978.2	66129.5
-15°	9456.8	12150.5	15459.8	18829.1	23250.2	28576.9	33863.5	39983.8	47157.2	52990.9	58372.1
-17.5°	9015.3	11603.8	14090.8	17239.1	21542.1	26480.2	30486.0	35299.2	40474.7	44923.1	48982.2
-20°	7958.4	9718.8	12075.9	15044.8	18732.4	22730.9	26378.1	29850.8	33176.8	36565.8	38913.5



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6089.7	7780.1	9756.4	12222.5	15145.8	18630.5	21853.6	24205.6	26851.2	29291.5	31297.9
-25°	4453.3	5691.9	7536.5	9640.8	11548.5	14339.6	16813.0	18401.4	20723.7	22548.0	24284.7
-27.5°	3220.4	4433.3	5937.6	7600.4	9030.7	10530.1	12713.6	14230.5	16056.9	17455.8	18904.3
-30°	2198.1	3533.8	4920.1	6280.2	7368.4	8501.1	9711.1	11207.3	12673.6	13848.8	14895.3
-32.5°	1524.6	2492.4	3847.2	5114.5	6097.9	6961.6	7756.7	8893.3	9990.6	10947.1	11731.5
-35°	934.0	1620.4	2558.7	3765.5	4805.1	5635.1	6368.4	7092.4	7794.3	8514.1	9120.4
-37.5°	790.2	954.0	1538.7	2369.6	3360.0	4283.7	5002.0	5599.8	6129.7	6677.4	7108.6
-40°	698.4	796.3	943.1	1247.0	2008.8	2776.7	3551.2	4194.6	4777.3	5263.0	5640.5
-42.5°	637.8	703.3	774.8	893.9	1035.1	1411.6	2077.6	2727.0	3359.1	3889.1	4333.4
-45°	618.9	651.9	690.5	754.3	812.7	927.3	1050.9	1179.0	1681.5	2214.7	2684.6
-47.5°	576.1	628.9	663.9	691.3	723.9	775.7	823.2	883.7	999.1	1113.6	1207.1
-50°	519.4	577.0	625.4	672.4	705.5	728.2	745.5	776.8	822.9	867.6	903.7
-52.5°	450.6	506.5	562.9	619.9	667.0	710.7	751.6	780.0	801.4	819.7	829.1
-55°	388.1	434.8	481.9	539.4	596.3	650.9	703.4	748.2	789.9	828.9	851.0
-57.5°	327.1	367.3	409.3	460.6	511.2	560.9	611.8	663.4	713.9	761.0	788.4
-60°	268.8	304.5	342.5	384.0	427.9	473.8	517.6	561.4	604.8	643.2	665.8
-62.5°	211.8	241.9	272.8	305.5	340.1	376.3	412.7	449.5	486.2	517.0	536.1
-65°	153.9	178.4	202.0	225.9	250.2	277.6	306.4	334.5	361.6	382.8	396.6
-67.5°	107.6	123.5	137.9	152.0	169.2	188.7	209.4	229.6	249.0	263.6	273.4
-70°	73.1	81.9	89.8	99.0	110.3	121.9	134.0	145.7	156.9	165.4	171.9
-72.5°	46.7	52.5	58.1	64.5	70.5	77.2	84.2	90.8	97.1	101.4	104.9
-75°	25.2	28.3	33.0	37.3	41.3	46.2	51.1	55.8	60.2	62.5	64.0
-77.5°	15.5	17.6	19.5	21.4	23.2	25.9	28.8	31.7	34.6	35.9	36.9
-80°	10.1	11.1	12.1	13.1	14.2	15.7	17.3	19.0	20.5	21.0	21.4
-82.5°	7.2	7.5	7.9	8.3	8.7	9.6	10.7	11.7	12.8	13.5	14.3
-85°	5.7	5.7	5.8	5.8	5.9	6.4	7.0	7.6	8.2	8.6	9.0
-87.5°	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	5.2	5.5
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.8



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.7	7.3	6.7	6.1	6.7	7.3	6.7	6.1	5.5	4.9	4.6
87.5°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.4
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
77.5°	1.5	1.2	1.8	2.4	1.8	1.2	1.5	1.8	2.1	2.4	2.7
75°	2.7	2.4	2.4	2.4	2.4	2.4	2.7	2.9	3.2	3.4	3.4
72.5°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.6	3.7	3.9
70°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.7	5.1
67.5°	6.8	7.2	7.3	7.3	7.3	7.2	6.8	6.4	6.0	6.0	6.5
65°	9.5	10.6	10.3	9.7	10.3	10.6	9.5	8.4	7.4	7.2	7.7
62.5°	10.0	10.7	10.9	10.9	10.9	10.7	10.0	9.3	8.4	8.2	8.4
60°	9.3	9.7	9.7	9.7	9.7	9.7	9.3	9.0	8.6	8.5	8.5
57.5°	9.2	9.6	9.7	9.7	9.7	9.6	9.2	8.9	8.5	8.7	8.7
55°	9.2	9.6	9.7	9.7	9.7	9.6	9.2	8.8	8.5	8.7	9.0
52.5°	10.6	10.8	10.9	10.9	10.9	10.8	10.6	10.3	9.9	9.5	9.0
50°	13.5	14.1	13.7	12.1	13.7	14.1	13.5	12.8	12.3	11.9	11.3
47.5°	18.0	17.4	16.9	17.0	16.9	17.4	18.0	18.0	17.5	16.6	14.8
45°	29.3	29.0	28.8	29.1	28.8	29.0	29.3	28.9	27.7	26.2	24.6
42.5°	52.9	53.0	52.2	50.9	52.2	53.0	52.9	51.1	49.5	42.8	35.1
40°	123.4	113.1	99.2	91.0	99.2	113.1	123.4	123.8	116.7	94.8	86.0
37.5°	278.0	286.1	286.9	281.4	286.9	286.1	278.0	265.3	251.4	231.1	211.3
35°	528.3	547.2	548.2	538.5	548.2	547.2	528.3	497.4	448.5	384.6	369.2
32.5°	894.0	936.6	952.5	948.5	952.5	936.6	894.0	895.3	817.1	721.0	662.6
30°	1835.8	1848.5	1717.8	1478.5	1717.8	1848.5	1835.8	1984.4	1664.9	1531.2	1330.7
27.5°	5335.0	5827.3	6006.0	5927.3	6006.0	5827.3	5335.0	4921.4	4159.0	3600.0	2729.7
25°	9497.5	9821.9	10145.8	10183.3	10145.8	9821.9	9497.5	9229.2	8294.7	6814.5	5515.5
22.5°	14112.5	14573.6	15011.2	14911.0	15011.2	14573.6	14112.5	13338.5	12221.0	10569.4	8823.5
20°	19505.7	19823.7	20146.6	19789.2	20146.6	19823.7	19505.7	18351.2	16533.4	14522.2	12158.8
17.5°	26376.9	27874.0	29203.1	28601.9	29203.1	27874.0	26376.9	24009.1	21748.6	18830.2	15950.9
15°	35699.8	38305.6	39834.0	39753.1	39834.0	38305.6	35699.8	32544.2	29192.9	25441.9	21939.1
12.5°	46443.2	49166.3	50725.9	50403.3	50725.9	49166.3	46443.2	42737.9	37955.1	33449.5	28868.0
10°	56136.0	58274.3	60127.5	60853.4	60127.5	58274.3	56136.0	52774.4	47659.9	41889.8	35523.5
7.5°	64697.2	66290.4	67836.2	68112.5	67836.2	66290.4	64697.2	61419.2	56177.8	49635.0	42197.4
5°	71744.8	74002.0	74875.8	75222.3	74875.8	74002.0	71744.8	68447.5	63223.9	56048.9	47582.3
2.5°	77432.7	79497.5	80590.5	80267.9	80590.5	79497.5	77432.7	74127.8	68616.2	61429.3	51566.1
0°	80700.2	82334.6	83227.3	83013.8	83227.3	82334.6	80700.2	77984.0	72686.2	65425.9	54072.3
-2.5°	81022.3	82121.3	82819.5	82545.6	82819.5	82121.3	81022.3	78363.2	72893.0	65062.4	53920.0
-5°	78794.1	79688.3	80055.3	80212.1	80055.3	79688.3	78794.1	76585.5	71050.5	63138.4	51410.7
-7.5°	75723.9	76925.2	76742.5	77058.6	76742.5	76925.2	75723.9	73960.1	68944.8	60942.6	49860.7
-10°	73895.3	75004.0	74843.4	74928.8	74843.4	75004.0	73895.3	72015.0	66141.0	58441.6	47244.6
-12.5°	69458.5	71068.3	71315.4	71592.8	71315.4	71068.3	69458.5	66129.5	60978.2	52904.6	44322.2
-15°	61904.2	63673.0	64742.5	64983.3	64742.5	63673.0	61904.2	58372.1	52990.9	47157.2	39983.8
-17.5°	52356.8	54803.0	56522.7	56922.5	56522.7	54803.0	52356.8	48982.2	44923.1	40474.7	35299.2
-20°	41780.5	43531.6	44422.7	44902.9	44422.7	43531.6	41780.5	38913.5	36565.8	33176.8	29850.8



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	32885.0	34041.5	34538.0	34619.0	34538.0	34041.5	32885.0	31297.9	29291.5	26851.2	24205.6
-25°	25691.1	26479.3	26817.2	27316.3	26817.2	26479.3	25691.1	24284.7	22548.0	20723.7	18401.4
-27.5°	19937.2	20630.3	20939.3	21398.7	20939.3	20630.3	19937.2	18904.3	17455.8	16056.9	14230.5
-30°	15601.2	16018.7	16122.9	16145.8	16122.9	16018.7	15601.2	14895.3	13848.8	12673.6	11207.3
-32.5°	12340.6	12810.8	13091.5	13216.7	13091.5	12810.8	12340.6	11731.5	10947.1	9990.6	8893.3
-35°	9574.5	9884.4	10069.0	10276.7	10069.0	9884.4	9574.5	9120.4	8514.1	7794.3	7092.4
-37.5°	7443.9	7673.7	7800.8	7843.6	7800.8	7673.7	7443.9	7108.6	6677.4	6129.7	5599.8
-40°	5941.7	6169.9	6306.9	6327.6	6306.9	6169.9	5941.7	5640.5	5263.0	4777.3	4194.6
-42.5°	4671.0	4955.3	5139.2	5181.4	5139.2	4955.3	4671.0	4333.4	3889.1	3359.1	2727.0
-45°	3028.2	3292.9	3432.9	3423.9	3432.9	3292.9	3028.2	2684.6	2214.7	1681.5	1179.0
-47.5°	1266.9	1309.6	1327.9	1322.0	1327.9	1309.6	1266.9	1207.1	1113.6	999.1	883.7
-50°	932.2	956.4	969.7	972.7	969.7	956.4	932.2	903.7	867.6	822.9	776.8
-52.5°	837.1	846.0	849.1	849.0	849.1	846.0	837.1	829.1	819.7	801.4	780.0
-55°	871.5	891.1	898.7	898.7	898.7	891.1	871.5	851.0	828.9	789.9	748.2
-57.5°	813.2	835.1	845.2	847.8	845.2	835.1	813.2	788.4	761.0	713.9	663.4
-60°	686.1	703.7	711.4	713.2	711.4	703.7	686.1	665.8	643.2	604.8	561.4
-62.5°	552.4	565.7	569.8	568.8	569.8	565.7	552.4	536.1	517.0	486.2	449.5
-65°	408.2	417.4	418.2	414.8	418.2	417.4	408.2	396.6	382.8	361.6	334.5
-67.5°	281.3	287.1	287.3	285.0	287.3	287.1	281.3	273.4	263.6	249.0	229.6
-70°	177.4	181.9	182.1	180.7	182.1	181.9	177.4	171.9	165.4	156.9	145.7
-72.5°	107.8	110.3	112.4	114.0	112.4	110.3	107.8	104.9	101.4	97.1	90.8
-75°	65.2	66.0	66.0	65.5	66.0	66.0	65.2	64.0	62.5	60.2	55.8
-77.5°	37.8	38.5	39.9	41.2	39.9	38.5	37.8	36.9	35.9	34.6	31.7
-80°	21.6	21.7	22.4	23.0	22.4	21.7	21.6	21.4	21.0	20.5	19.0
-82.5°	15.0	15.7	15.8	15.8	15.8	15.7	15.0	14.3	13.5	12.8	11.7
-85°	9.3	9.7	10.3	10.9	10.3	9.7	9.3	9.0	8.6	8.2	7.6
-87.5°	5.8	6.1	6.1	6.1	6.1	6.1	5.8	5.5	5.2	4.9	4.9
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.4



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.3	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.6
85°	2.4	2.4	2.4	2.6	2.8	3.0	3.2	3.2	3.3	3.4	3.6
82.5°	2.4	2.4	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6
80°	2.9	3.0	3.2	3.2	3.3	3.4	3.6	3.7	3.6	3.6	3.7
77.5°	3.1	3.4	3.6	3.6	3.6	3.6	3.7	4.0	4.2	4.3	4.3
75°	3.4	3.5	3.6	3.7	3.7	3.6	3.7	4.1	4.4	4.7	4.9
72.5°	4.0	4.1	4.2	4.4	4.5	4.6	4.8	5.0	5.1	5.0	4.9
70°	5.4	5.6	5.8	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.2
67.5°	7.0	7.4	8.3	9.2	9.6	9.7	9.5	8.9	8.6	8.6	7.7
65°	8.2	8.6	9.3	10.1	11.1	12.2	14.0	14.2	13.4	11.8	9.3
62.5°	8.9	9.6	10.0	10.4	11.1	13.0	16.6	18.6	19.3	17.1	13.0
60°	8.5	8.6	9.2	9.8	10.4	14.0	19.3	23.2	25.4	21.6	16.3
57.5°	8.6	8.6	9.0	9.3	9.6	14.3	20.7	27.5	31.7	24.9	18.7
55°	9.5	9.5	9.4	9.5	9.9	14.4	20.2	27.0	31.0	27.0	19.9
52.5°	8.5	9.3	9.7	9.8	10.6	13.9	18.4	24.7	26.7	23.5	19.4
50°	10.7	10.7	10.6	10.6	11.4	13.1	16.4	21.4	21.5	20.1	16.7
47.5°	14.1	13.8	13.1	12.8	13.0	13.2	15.1	17.4	18.7	17.1	14.7
45°	23.3	20.8	17.4	17.4	16.8	16.1	15.2	17.8	18.6	17.5	13.6
42.5°	38.8	35.8	30.1	28.2	25.0	22.9	20.5	21.8	22.3	20.4	18.5
40°	85.1	64.9	60.6	50.6	42.3	34.8	31.5	28.4	28.4	26.7	25.9
37.5°	186.7	161.1	140.3	105.5	83.5	57.5	47.8	40.4	35.6	38.4	36.9
35°	332.7	302.2	278.6	231.7	163.3	124.2	74.6	58.1	53.7	56.4	51.7
32.5°	511.1	517.7	470.7	409.2	354.5	248.4	159.4	87.3	95.9	91.0	74.7
30°	1135.0	1040.2	781.2	792.2	792.1	507.3	294.6	230.2	171.4	141.7	107.6
27.5°	2637.2	2329.1	1788.2	1592.7	1583.6	1132.3	680.9	469.8	300.7	222.2	164.0
25°	4893.5	4371.8	3490.5	2909.8	2620.2	1997.7	1254.7	888.2	572.4	321.5	223.9
22.5°	7450.8	6502.1	5368.4	4255.6	3595.9	2660.5	1868.7	1401.1	877.2	460.3	296.3
20°	10272.6	8798.8	7377.6	5967.9	4582.3	3261.1	2330.9	1911.1	1281.7	650.2	365.8
17.5°	13688.7	11361.3	9842.9	7929.5	6044.9	4256.8	3273.3	2573.2	1788.5	809.5	429.1
15°	17969.1	15501.4	13177.9	10486.7	8042.0	6253.1	4667.8	3449.8	2388.7	1114.0	571.6
12.5°	24677.6	20914.0	17267.6	13740.4	10929.0	8558.3	6457.2	4673.6	3089.8	1657.1	803.9
10°	30775.5	26176.9	21572.1	17535.8	14076.4	11015.6	8128.0	5642.5	3700.0	2205.9	1058.1
7.5°	35741.8	30547.2	25649.6	20667.5	16439.2	12682.5	9281.6	6452.3	4216.4	2701.3	1322.6
5°	39724.9	33587.2	27989.2	22196.8	17922.3	14171.3	10317.5	7181.6	4641.7	3135.6	1584.5
2.5°	42201.8	35499.6	29675.1	23315.5	19009.3	15366.6	11219.4	7811.0	5001.6	3476.4	1812.9
0°	43658.5	36782.8	30783.9	24059.7	19624.3	16008.7	11961.3	8307.0	5293.0	3735.6	2012.2
-2.5°	43327.4	35895.9	29752.2	22976.1	18483.6	14914.6	11243.0	8120.9	5568.3	3792.0	1938.6
-5°	40517.0	33543.5	27846.7	21886.8	17441.4	14053.4	10700.5	7970.9	5715.7	3760.9	1826.1
-7.5°	39350.0	31873.0	25832.0	20379.9	16286.5	13206.2	10280.0	7876.8	5715.7	3709.1	1850.9
-10°	37521.6	30879.3	25120.1	19818.3	15692.5	12335.5	9821.6	7685.6	5597.3	3551.0	1807.1
-12.5°	36040.4	29707.5	24176.8	19300.1	15717.8	12336.4	9682.0	7446.8	5356.0	3284.6	1683.4
-15°	33863.5	28576.9	23250.2	18829.1	15459.8	12150.5	9456.8	7158.9	4836.4	2847.8	1471.4
-17.5°	30486.0	26480.2	21542.1	17239.1	14090.8	11603.8	9015.3	6498.3	4110.3	2282.6	1135.9
-20°	26378.1	22730.9	18732.4	15044.8	12075.9	9718.8	7958.4	5459.5	3296.4	1800.9	1007.7



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21853.6	18630.5	15145.8	12222.5	9756.4	7780.1	6089.7	4116.5	2381.5	1273.3	872.3
-25°	16813.0	14339.6	11548.5	9640.8	7536.5	5691.9	4453.3	3005.3	1748.2	940.0	739.3
-27.5°	12713.6	10530.1	9030.7	7600.4	5937.6	4433.3	3220.4	2030.3	1127.7	803.7	653.7
-30°	9711.1	8501.1	7368.4	6280.2	4920.1	3533.8	2198.1	1363.9	864.0	688.8	593.0
-32.5°	7756.7	6961.6	6097.9	5114.5	3847.2	2492.4	1524.6	885.7	719.9	628.4	568.1
-35°	6368.4	5635.1	4805.1	3765.5	2558.7	1620.4	934.0	755.8	644.8	581.8	552.6
-37.5°	5002.0	4283.7	3360.0	2369.6	1538.7	954.0	790.2	674.8	595.3	565.1	522.2
-40°	3551.2	2776.7	2008.8	1247.0	943.1	796.3	698.4	618.5	583.1	538.0	483.7
-42.5°	2077.6	1411.6	1035.1	893.9	774.8	703.3	637.8	603.0	558.4	499.7	432.3
-45°	1050.9	927.3	812.7	754.3	690.5	651.9	618.9	570.7	515.2	448.7	376.3
-47.5°	823.2	775.7	723.9	691.3	663.9	628.9	576.1	521.7	458.4	392.7	332.6
-50°	745.5	728.2	705.5	672.4	625.4	577.0	519.4	458.7	400.7	344.8	289.4
-52.5°	751.6	710.7	667.0	619.9	562.9	506.5	450.6	400.0	348.7	297.5	248.4
-55°	703.4	650.9	596.3	539.4	481.9	434.8	388.1	342.5	296.4	249.8	211.2
-57.5°	611.8	560.9	511.2	460.6	409.3	367.3	327.1	285.2	246.8	210.8	175.4
-60°	517.6	473.8	427.9	384.0	342.5	304.5	268.8	234.6	202.3	170.6	139.2
-62.5°	412.7	376.3	340.1	305.5	272.8	241.9	211.8	183.3	156.2	129.8	106.3
-65°	306.4	277.6	250.2	225.9	202.0	178.4	153.9	133.1	114.3	95.5	76.4
-67.5°	209.4	188.7	169.2	152.0	137.9	123.5	107.6	91.5	79.2	68.6	57.1
-70°	134.0	121.9	110.3	99.0	89.8	81.9	73.1	64.0	55.0	47.0	38.8
-72.5°	84.2	77.2	70.5	64.5	58.1	52.5	46.7	40.4	34.2	27.9	22.6
-75°	51.1	46.2	41.3	37.3	33.0	28.3	25.2	22.7	20.1	17.4	14.6
-77.5°	28.8	25.9	23.2	21.4	19.5	17.6	15.5	13.6	12.3	11.2	10.3
-80°	17.3	15.7	14.2	13.1	12.1	11.1	10.1	9.4	8.8	8.4	8.1
-82.5°	10.7	9.6	8.7	8.3	7.9	7.5	7.2	7.0	6.8	6.6	6.4
-85°	7.0	6.4	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.5	5.4
-87.5°	4.9	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.5
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.6



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	3.8	4.0	4.2	4.3	4.5	4.6	4.7	4.9	4.9	4.9	4.9
85°	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.3	4.4	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.8	4.8	4.9	5.0	4.9	4.9	4.9	5.0	4.9	4.9
72.5°	4.9	4.9	4.9	5.0	5.2	5.2	5.1	5.0	5.2	5.2	5.0
70°	5.5	5.0	4.9	5.1	5.4	5.6	5.6	5.4	5.4	5.4	5.3
67.5°	6.7	6.0	5.4	5.2	5.4	5.7	6.0	5.8	5.6	5.7	5.6
65°	8.2	7.1	6.1	5.8	5.6	5.8	6.1	6.1	5.9	5.8	5.9
62.5°	10.1	8.5	7.3	6.4	6.0	5.9	6.1	6.1	6.1	6.0	6.0
60°	12.2	9.6	8.4	7.4	6.5	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	13.6	10.1	9.0	8.2	7.2	6.4	6.1	6.1	6.1	6.1	6.1
55°	14.2	10.4	9.6	8.7	7.8	6.9	6.3	6.1	6.1	6.1	6.1
52.5°	13.8	11.0	10.1	9.2	8.3	7.4	6.7	6.1	6.1	6.1	6.1
50°	12.2	11.7	10.7	9.7	8.7	7.9	7.2	6.5	6.1	6.1	6.1
47.5°	12.4	12.5	11.6	10.2	9.1	8.4	7.6	6.9	6.1	6.1	6.1
45°	14.1	13.4	12.6	11.1	9.6	8.8	8.0	7.2	6.4	6.1	6.1
42.5°	17.1	16.0	14.0	12.1	10.7	9.3	8.5	7.6	6.8	6.2	6.1
40°	23.7	20.0	16.4	15.0	12.2	9.7	8.8	8.0	7.1	6.4	6.2
37.5°	31.7	26.6	21.1	21.0	15.0	11.3	9.2	8.3	7.5	6.8	6.4
35°	43.8	35.3	31.1	30.0	22.7	13.0	9.6	8.6	7.9	7.1	6.5
32.5°	57.8	51.6	47.8	40.3	32.8	14.9	10.7	9.2	8.4	7.4	6.7
30°	84.8	81.1	69.4	51.7	44.2	24.0	12.6	9.9	8.9	7.7	6.9
27.5°	126.7	117.5	96.4	70.9	54.9	35.3	15.0	10.7	9.4	8.1	7.1
25°	171.3	156.3	131.8	95.3	66.2	47.1	17.5	11.7	10.0	8.5	7.4
22.5°	224.7	192.9	171.7	122.5	80.5	59.1	23.7	13.7	10.7	8.9	7.6
20°	273.9	227.9	214.5	149.3	100.9	70.5	33.3	15.8	11.4	9.3	7.8
17.5°	321.6	274.5	247.3	181.0	123.2	83.3	42.8	17.9	12.2	9.7	8.0
15°	411.5	339.4	285.8	213.2	144.3	97.2	51.9	20.0	12.9	10.1	8.2
12.5°	514.6	408.2	330.2	245.2	164.0	111.8	60.7	22.1	13.7	10.5	8.3
10°	621.4	479.5	379.0	276.4	182.3	126.7	68.8	24.8	14.8	10.9	8.4
7.5°	729.2	551.6	430.0	306.2	202.8	149.4	87.6	29.3	16.0	11.2	8.4
5°	828.0	619.5	483.7	353.1	241.9	180.1	108.5	33.9	17.2	11.6	8.5
2.5°	889.1	678.5	535.2	399.6	280.1	209.7	129.0	38.3	18.3	11.9	8.5
0°	941.2	732.6	582.2	442.7	316.6	237.7	148.0	42.5	19.4	12.1	8.5
-2.5°	942.0	734.2	598.0	483.7	357.1	267.7	171.3	54.9	26.6	15.4	9.6
-5°	934.4	731.9	612.1	520.9	394.6	295.0	191.4	66.6	33.4	18.5	10.7
-7.5°	952.6	739.5	625.0	550.6	428.5	319.3	207.6	77.1	39.7	21.3	11.8
-10°	965.1	749.0	633.4	549.0	428.7	326.3	217.0	86.3	45.3	23.8	12.7
-12.5°	961.1	751.0	638.7	541.8	419.9	317.7	208.6	92.7	50.0	25.8	13.5
-15°	938.7	744.4	640.7	528.6	407.3	307.4	198.7	97.1	53.9	27.8	14.2
-17.5°	884.1	728.7	639.0	508.9	390.9	295.6	187.6	100.0	56.9	29.8	15.1
-20°	801.1	692.6	630.3	482.3	370.5	282.5	175.8	101.4	58.6	31.0	16.2



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	723.6	649.0	579.3	456.0	349.2	268.3	163.7	101.1	59.2	31.5	17.0
-25°	645.6	608.4	527.1	421.4	330.6	250.4	156.9	99.0	58.4	31.2	17.4
-27.5°	593.1	565.8	479.4	385.8	307.8	233.4	153.7	97.8	56.9	30.0	17.4
-30°	554.6	514.7	437.7	351.6	282.7	210.4	148.4	95.0	55.5	29.3	17.1
-32.5°	531.3	471.2	396.5	322.3	255.6	186.9	136.6	90.2	52.8	28.9	16.8
-35°	498.7	430.9	355.9	290.5	228.1	169.5	122.1	83.5	48.9	27.9	16.3
-37.5°	463.4	388.8	319.4	258.5	200.5	150.7	108.9	73.7	43.7	26.3	15.6
-40°	415.4	346.7	283.3	228.4	176.9	130.5	94.9	64.5	40.2	24.0	14.5
-42.5°	365.3	306.3	250.8	198.8	153.4	114.3	80.7	54.9	36.1	22.0	13.0
-45°	320.8	267.4	218.8	173.1	129.6	97.4	69.6	45.6	31.5	20.0	11.8
-47.5°	277.1	232.0	188.8	146.8	110.7	81.2	58.1	40.1	26.6	17.5	11.0
-50°	238.6	198.5	160.4	124.4	91.9	68.2	47.6	34.2	23.1	14.4	10.2
-52.5°	205.0	168.1	134.0	102.3	76.8	54.9	40.6	28.2	19.3	12.6	9.3
-55°	173.6	138.9	108.3	83.4	61.9	45.7	33.3	23.5	15.2	11.3	8.3
-57.5°	141.9	109.7	86.8	66.2	50.2	37.4	26.8	18.5	13.0	9.9	8.1
-60°	110.2	87.2	67.0	52.8	40.4	29.5	20.9	14.4	11.3	8.7	7.9
-62.5°	84.5	65.9	53.2	41.5	31.2	22.3	15.3	12.3	9.5	8.4	7.6
-65°	63.4	51.3	40.2	30.8	22.3	15.9	12.8	10.1	8.8	8.1	7.3
-67.5°	46.1	36.9	28.1	20.1	15.9	12.9	10.2	9.2	8.5	7.7	7.0
-70°	30.7	22.9	18.1	15.0	12.2	10.0	9.3	8.7	8.1	7.4	6.7
-72.5°	19.1	15.9	13.0	10.7	9.9	9.3	8.8	8.3	7.7	7.0	6.4
-75°	12.0	10.9	10.1	9.4	8.9	8.5	8.2	7.8	7.2	6.7	6.3
-77.5°	9.7	9.1	8.6	8.3	8.1	7.9	7.7	7.4	6.9	6.5	6.2
-80°	7.9	7.7	7.7	7.6	7.5	7.3	7.1	6.9	6.6	6.3	6.2
-82.5°	6.5	6.6	6.8	7.0	6.8	6.7	6.6	6.4	6.2	6.1	6.0
-85°	5.6	5.9	6.1	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6
-87.5°	4.8	5.1	5.3	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3
-90°	3.6	3.6	3.6	3.6	3.9	4.3	4.6	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	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
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
67.5°	5.2	4.9	4.9	4.9	4.9	4.9	4.9
65°	5.5	5.0	4.9	4.9	4.9	4.9	4.9
62.5°	5.8	5.3	4.9	4.9	4.9	4.9	4.9
60°	6.1	5.5	4.9	4.9	4.9	4.9	4.9
57.5°	6.1	5.7	5.1	4.9	4.9	4.9	4.9
55°	6.1	5.9	5.2	4.9	4.9	4.9	4.9
52.5°	6.1	6.1	5.4	4.9	4.9	4.9	4.9
50°	6.1	6.1	5.6	4.9	4.9	4.9	4.9
47.5°	6.1	6.1	5.7	4.9	4.9	4.9	4.9
45°	6.1	6.1	5.9	5.0	4.9	4.9	4.9
42.5°	6.1	6.1	6.0	5.2	4.9	4.9	4.9
40°	6.1	6.1	6.1	5.2	4.9	4.9	4.9
37.5°	6.1	6.1	6.1	5.3	4.9	4.9	4.9
35°	6.1	6.1	6.1	5.4	4.9	4.9	4.9
32.5°	6.1	6.1	6.1	5.4	4.9	4.9	4.9
30°	6.3	6.1	6.1	5.4	4.9	4.9	4.9
27.5°	6.4	6.1	6.1	5.5	4.9	4.9	4.9
25°	6.5	6.1	6.0	5.4	4.9	4.9	4.9
22.5°	6.7	6.1	6.0	5.4	4.9	4.9	4.9
20°	6.8	6.1	6.0	5.4	4.9	4.9	4.9
17.5°	7.0	6.1	6.0	5.4	4.9	4.9	4.9
15°	7.0	6.1	6.0	5.3	4.9	4.9	4.9
12.5°	7.1	6.1	6.0	5.3	4.9	4.9	4.9
10°	7.2	6.1	6.1	5.2	4.9	4.9	4.9
7.5°	7.2	6.1	6.1	5.1	4.9	4.9	4.9
5°	7.3	6.1	6.1	5.1	4.9	4.9	4.9
2.5°	7.3	6.1	6.1	5.0	4.9	4.9	4.9
0°	7.3	6.1	6.1	4.9	4.9	4.9	4.9
-2.5°	7.8	6.4	6.1	5.0	4.9	4.9	4.9
-5°	8.2	6.6	6.1	5.1	4.9	4.9	4.9
-7.5°	8.7	6.9	6.1	5.1	4.9	4.9	4.9
-10°	9.0	7.1	6.1	5.2	4.9	4.9	4.9
-12.5°	9.4	7.3	6.0	5.3	4.9	4.9	4.9
-15°	9.7	7.4	6.0	5.3	4.9	4.9	4.9
-17.5°	10.0	7.5	6.0	5.4	4.9	4.9	4.9
-20°	10.3	7.5	6.0	5.4	4.9	4.9	4.9



REPORT NUMBER: P1306102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.6	7.5	6.0	5.4	4.9	4.9	4.9
-25°	10.8	7.5	6.0	5.4	4.9	4.9	4.9
-27.5°	10.8	7.4	6.1	5.5	4.9	4.9	4.9
-30°	10.7	7.3	6.1	5.4	4.9	4.9	4.9
-32.5°	10.3	7.1	6.2	5.4	4.9	4.9	4.9
-35°	10.0	6.9	6.2	5.4	4.9	4.9	4.9
-37.5°	9.7	6.7	6.3	5.3	4.9	4.9	4.9
-40°	9.3	6.8	6.3	5.2	4.9	4.9	4.9
-42.5°	8.8	6.8	6.2	5.2	4.9	4.9	4.9
-45°	8.3	6.8	6.1	5.1	4.9	4.9	4.9
-47.5°	7.7	6.8	6.0	5.0	4.9	4.9	4.9
-50°	7.5	6.8	5.9	5.0	4.9	4.9	4.9
-52.5°	7.5	6.7	5.8	5.0	4.9	4.9	4.9
-55°	7.4	6.6	5.6	5.0	4.9	4.9	4.9
-57.5°	7.2	6.4	5.5	5.1	4.9	4.9	4.9
-60°	7.0	6.2	5.3	5.1	4.9	4.9	4.9
-62.5°	6.8	6.0	5.4	5.1	4.9	4.9	4.9
-65°	6.6	5.8	5.4	5.1	4.9	4.9	4.9
-67.5°	6.3	5.7	5.4	5.1	4.9	4.9	4.9
-70°	6.0	5.7	5.4	5.1	4.9	4.9	4.9
-72.5°	6.0	5.7	5.4	5.1	4.9	4.9	4.9
-75°	6.0	5.8	5.5	5.1	4.9	4.9	4.9
-77.5°	6.1	5.8	5.4	5.1	4.9	4.9	4.9
-80°	6.1	5.7	5.3	5.0	4.9	4.9	4.9
-82.5°	5.8	5.5	5.2	5.0	4.9	4.9	4.9
-85°	5.5	5.3	5.1	5.0	4.9	4.9	4.9
-87.5°	5.2	5.1	5.0	4.9	4.9	4.9	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)