

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: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

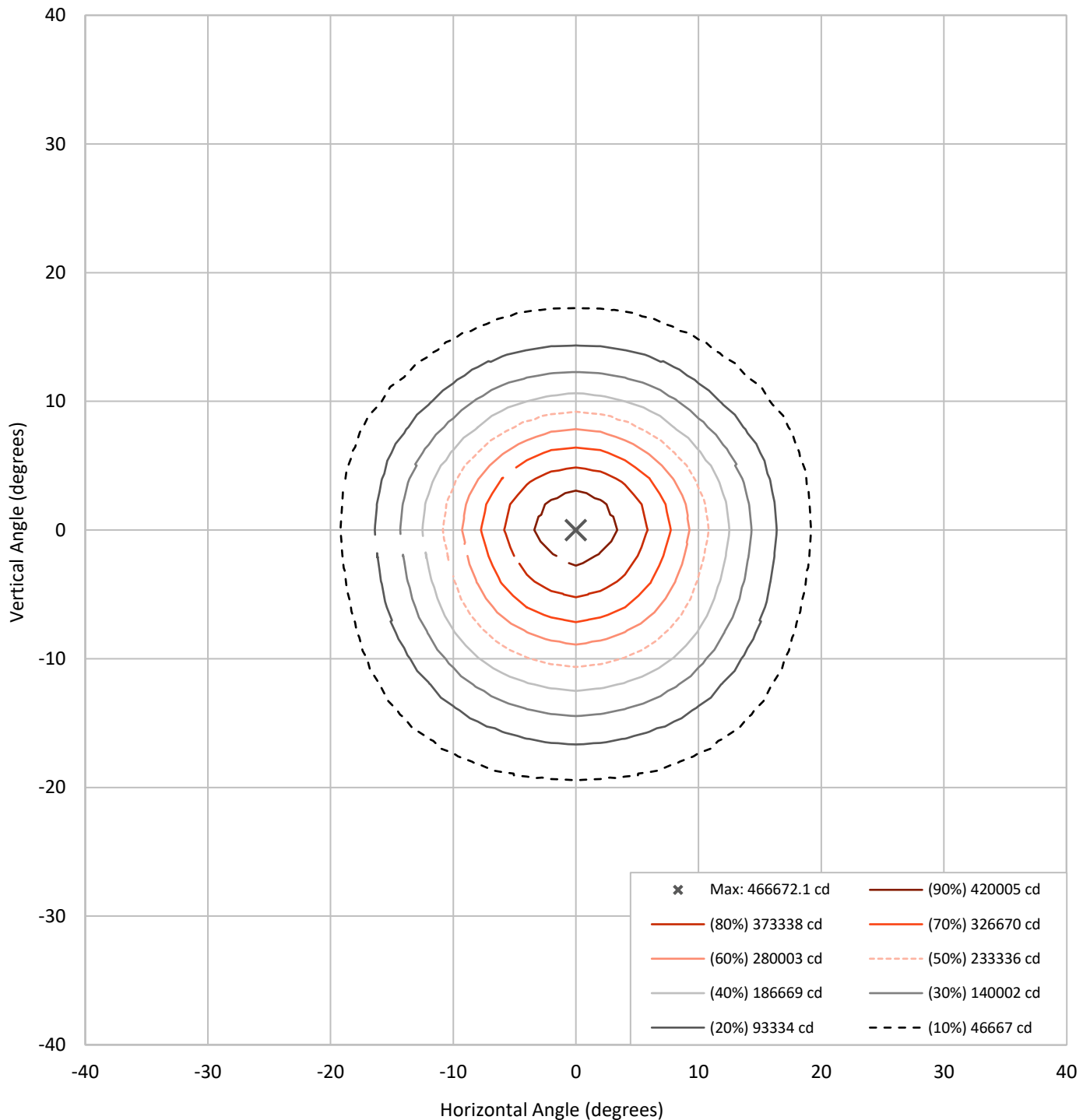
Test Method: LM-79-08  
Report Number: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-80-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 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:	72241.8 lumens	Max Intensity:	466672.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.6 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:	33396.8 lumens	Field Lumens:	62300.6 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	711		
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





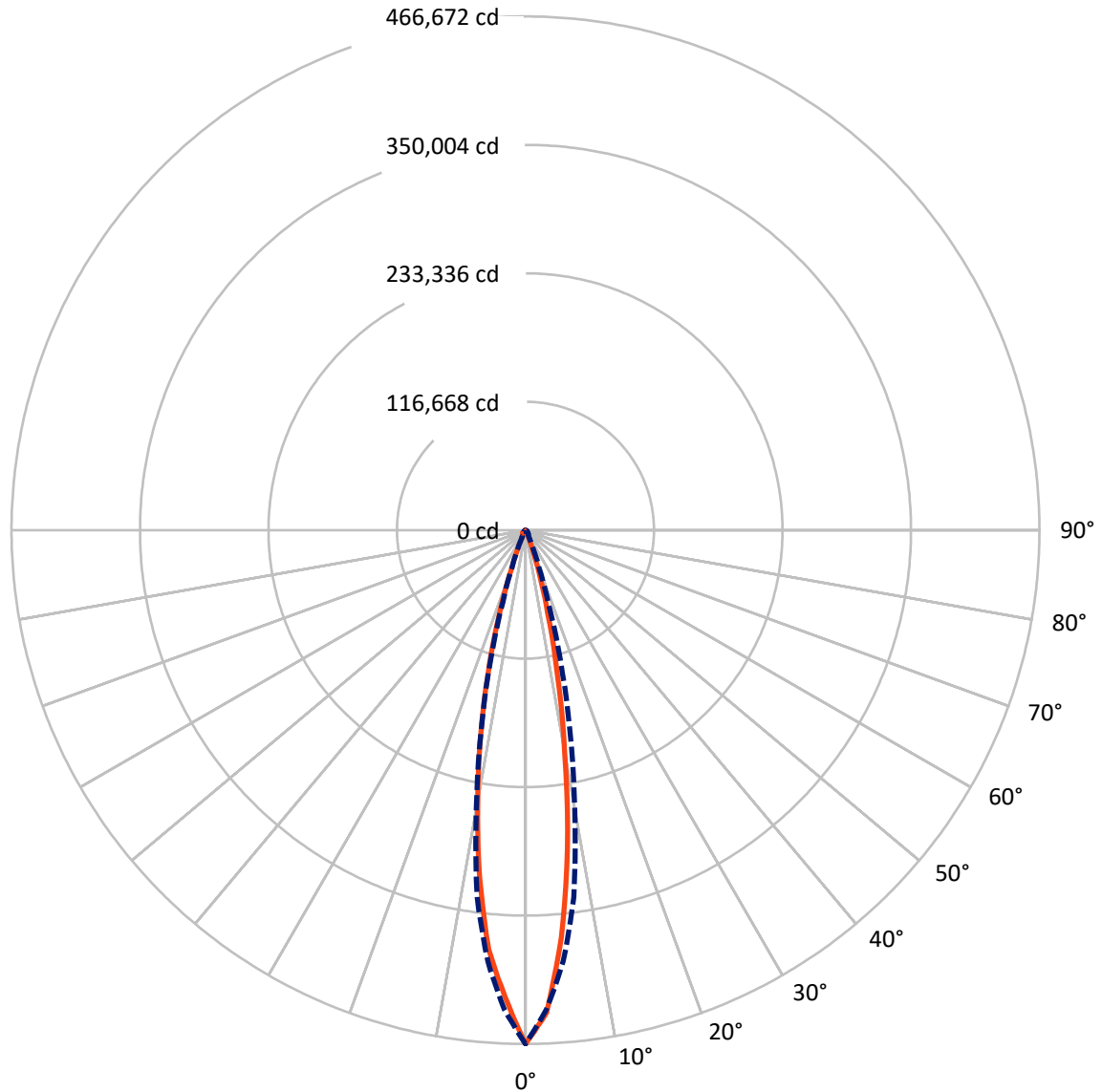
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### Lumen Table

90	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2							
80	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2							
70	0.2	0.1	0.2	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.7	0.2	0.1	0.2		
60		0.1	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.1			
50	0.2	0.2	0.5	0.6	0.7	1.0	1.3	1.4	1.4	1.3	1.0	0.7	0.6	0.5	0.2	0.2		
40		0.2	0.9	2.0	4.2	6.7	8.2	9.5	9.5	8.2	6.7	4.2	2.0	0.9	0.2			
30	0.2	0.5	3.0	10.1	26.8	39.4	69.0	151.7	151.7	69.0	39.4	26.8	10.1	3.0	0.5	0.2		
20		1.0	6.8	26.1	61.4	120.1	746.6	2329.6	2329.6	746.6	120.1	61.4	26.1	6.8	1.0			
10	0.4	1.9	11.6	48.3	100.3	323.3	3051.3	9088.5	9088.5	3051.3	323.3	100.3	48.3	11.6	1.9	0.4		
0		3.1	15.1	56.7	112.4	324.4	3233.7	9475.5	9475.5	3233.7	324.4	112.4	56.7	15.1	3.1			
-10	0.6	3.6	15.4	52.4	111.0	185.5	1190.6	3436.1	3436.1	1190.6	185.5	111.0	52.4	15.4	3.6	0.6		
-20		3.3	13.0	31.3	78.9	116.1	181.3	354.8	354.8	181.3	116.1	78.9	31.3	13.0	3.3			
-30	0.5	2.8	9.5	19.5	43.7	83.5	108.2	118.9	118.9	108.2	83.5	43.7	19.5	9.5	2.8	0.5		
-40		1.9	6.6	14.5	24.7	40.9	70.9	95.8	95.8	70.9	40.9	24.7	14.5	6.6	1.9			
-50	0.3	0.9	3.9	9.4	17.2	25.7	32.8	36.9	36.9	32.8	25.7	17.2	9.4	3.9	0.9	0.3		
-60		0.4	1.4	4.4	9.1	14.8	20.8	24.4	24.4	20.8	14.8	9.1	4.4	1.4	0.4			
-70	0.2	0.9	3.9	9.4	17.2	25.7	32.8	36.9	36.9	32.8	25.7	17.2	9.4	3.9	0.9	0.2		
-80		0.4	1.4	4.4	9.1	14.8	20.8	24.4	24.4	20.8	14.8	9.1	4.4	1.4	0.4			
-90	0.2	1.1	3.3	8.4	12.2	8.4	3.3	1.1	0.2									

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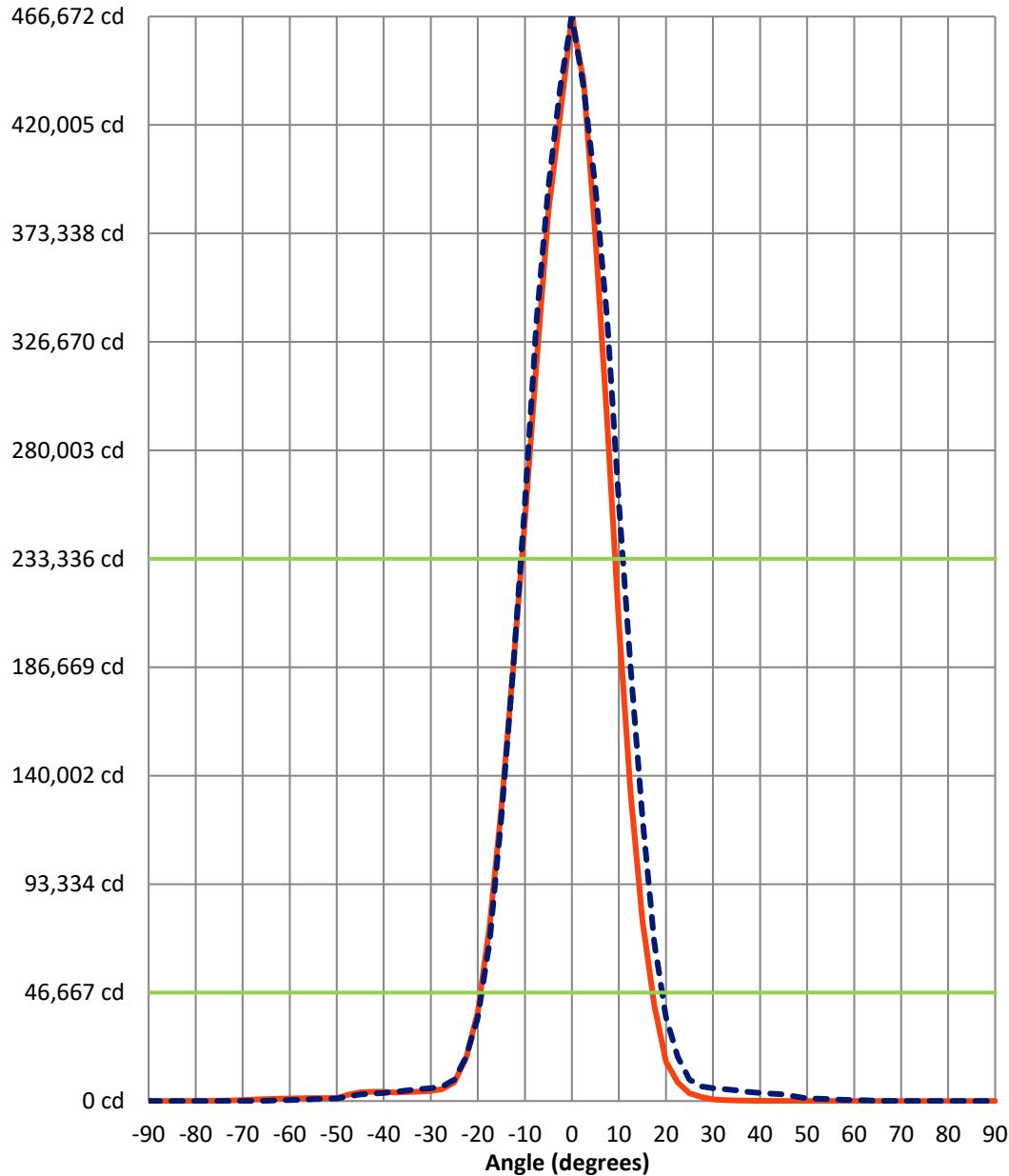
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.7°  
V Angle: 19.8°  
Lumens: 33396.8  
Efficiency: 46.2%

**Field:**  
H Angle: 38.4°  
V Angle: 36.6°  
Lumens: 62300.6  
Efficiency: 86.2%

**Spill:**  
Lumens: 9941.2  
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°	7.5	7.5	7.5	8.0	8.5	8.9	9.4	9.4	9.4	9.4	9.4
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.9	6.6	6.4
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.2	7.2	7.2
82.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6
67.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.8	7.7
65°	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.5	7.9	8.1	7.9
62.5°	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.8	8.4	8.4	8.0
60°	7.5	7.5	7.5	7.5	7.5	7.9	7.9	8.3	8.8	8.5	8.1
57.5°	7.5	7.5	7.5	7.5	7.7	8.1	8.2	8.9	9.0	8.6	8.2
55°	7.5	7.5	7.6	7.5	7.9	8.3	8.6	9.4	9.1	8.7	8.3
52.5°	7.5	7.5	7.6	7.5	8.1	8.5	8.9	9.4	9.2	8.8	8.4
50°	7.5	7.5	7.6	7.5	8.3	8.7	9.2	9.4	9.3	8.9	9.9
47.5°	7.5	7.5	7.7	7.5	8.5	8.9	9.4	9.4	9.4	9.0	11.3
45°	7.5	7.5	7.7	7.7	8.7	9.0	9.4	9.4	9.5	9.9	12.4
42.5°	7.5	7.5	7.8	7.9	9.0	9.2	9.4	9.5	9.6	10.5	13.8
40°	7.5	7.5	7.9	8.1	9.1	9.3	9.4	9.6	9.9	11.0	15.2
37.5°	7.5	7.5	7.9	8.3	9.2	9.4	9.4	9.8	10.7	12.2	16.4
35°	7.5	7.5	8.0	8.5	9.3	9.4	9.4	10.0	11.6	14.1	17.1
32.5°	7.5	7.5	8.1	8.7	9.4	9.4	9.5	10.3	12.5	16.2	18.7
30°	7.5	7.5	8.2	8.8	9.4	9.4	9.7	10.7	13.5	18.3	20.6
27.5°	7.5	7.5	8.3	8.9	9.4	9.4	9.9	11.5	14.9	20.4	22.9
25°	7.5	7.5	8.4	9.1	9.4	9.4	10.1	12.3	16.6	22.4	25.5
22.5°	7.5	7.5	8.5	9.1	9.4	9.4	10.3	13.2	18.3	24.4	30.4
20°	7.5	7.5	8.6	9.2	9.4	9.6	10.6	14.0	20.1	26.5	35.0
17.5°	7.5	7.5	8.7	9.3	9.4	9.7	10.9	14.8	21.7	28.8	39.3
15°	7.5	7.5	8.8	9.3	9.4	9.9	11.3	15.7	23.4	31.1	43.4
12.5°	7.5	7.5	8.9	9.4	9.4	10.2	11.7	16.4	25.0	33.5	47.1
10°	7.5	7.5	9.0	9.4	9.4	10.4	12.0	17.0	26.6	37.2	52.9
7.5°	7.5	7.5	9.1	9.4	9.4	10.6	12.3	17.6	28.2	41.1	63.6
5°	7.5	7.5	9.2	9.4	9.4	10.9	12.6	18.0	29.6	45.1	74.6
2.5°	7.5	7.5	9.3	9.4	9.4	11.1	12.9	18.5	30.9	49.0	85.5
0°	7.5	7.5	9.4	9.4	9.4	11.3	13.2	18.8	32.0	52.7	96.0
-2.5°	7.5	7.5	9.4	9.5	9.6	11.7	14.7	23.2	41.4	68.8	124.0
-5°	7.5	7.6	9.4	9.6	9.7	12.1	16.1	27.4	50.5	84.3	150.4
-7.5°	7.5	7.6	9.4	9.8	9.9	12.4	17.5	31.3	58.8	98.7	174.6
-10°	7.5	7.7	9.4	9.9	10.1	12.8	18.7	34.8	66.2	111.7	195.8
-12.5°	7.5	7.7	9.3	10.0	10.2	13.0	19.7	37.7	72.5	122.9	208.4
-15°	7.5	7.7	9.3	10.1	10.4	13.3	20.5	39.9	78.2	131.7	215.9
-17.5°	7.5	7.8	9.3	10.1	10.6	13.4	21.1	42.5	83.5	139.0	221.0
-20°	7.5	7.8	9.2	10.2	10.7	13.5	21.7	44.9	87.4	144.5	223.5



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 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	7.8	9.2	10.2	10.9	13.5	22.5	46.1	89.8	148.3	223.4
-25°	7.5	7.9	9.2	10.3	11.0	13.7	22.8	46.1	90.6	150.2	220.6
-27.5°	7.5	7.9	9.2	10.3	11.2	13.9	22.6	44.6	89.8	150.3	221.6
-30°	7.5	7.9	9.1	10.3	11.3	14.0	21.9	41.7	88.0	149.0	220.5
-32.5°	7.5	7.9	9.1	10.2	11.5	14.0	20.6	40.2	84.6	145.3	216.7
-35°	7.5	7.9	9.1	10.1	11.7	13.8	20.1	38.7	79.1	139.4	210.4
-37.5°	7.5	8.0	9.1	10.1	11.8	13.8	19.9	36.3	71.3	131.0	194.2
-40°	7.5	8.0	9.1	9.9	11.9	13.9	19.5	33.0	61.4	120.4	176.3
-42.5°	7.5	8.0	9.1	9.8	11.9	14.0	18.9	28.9	54.4	103.8	156.9
-45°	7.5	8.0	9.1	9.7	11.7	13.9	18.2	25.7	48.7	85.8	136.1
-47.5°	7.5	8.0	9.1	9.6	11.5	13.8	17.3	24.6	41.8	67.1	115.1
-50°	7.5	8.0	9.1	9.5	11.3	13.6	16.9	23.3	33.2	57.2	93.2
-52.5°	7.5	8.0	9.1	9.6	11.0	13.3	16.4	21.7	28.9	46.5	71.6
-55°	7.5	7.9	9.1	9.6	10.7	12.9	15.8	20.1	26.6	35.0	58.3
-57.5°	7.5	7.9	9.1	9.6	10.4	12.5	15.1	19.0	24.1	30.1	44.1
-60°	7.5	7.9	9.1	9.5	10.1	12.0	14.3	17.8	21.8	27.3	33.0
-62.5°	7.5	7.9	9.1	9.5	10.0	11.5	13.6	16.5	20.3	24.3	29.7
-65°	7.5	7.9	9.0	9.5	9.9	10.9	12.9	15.3	18.8	22.3	26.3
-67.5°	7.5	7.8	8.8	9.5	9.8	10.5	12.1	14.4	17.2	20.5	23.9
-70°	7.5	7.8	8.7	9.4	9.7	10.3	11.2	13.5	16.1	18.7	21.8
-72.5°	7.5	7.8	8.6	9.3	9.6	10.0	10.8	12.6	15.0	17.4	19.8
-75°	7.5	7.7	8.4	9.1	9.4	9.8	10.4	11.9	13.9	16.2	18.4
-77.5°	7.5	7.7	8.3	8.9	9.3	9.5	9.9	11.3	13.0	14.9	17.0
-80°	7.5	7.7	8.1	8.7	9.1	9.3	9.5	10.7	12.2	13.8	15.6
-82.5°	7.5	7.6	8.0	8.5	8.9	9.2	9.4	10.2	11.3	12.7	14.1
-85°	7.5	7.6	7.8	8.3	8.8	9.1	9.4	10.0	10.7	11.6	12.6
-87.5°	7.5	7.5	7.7	8.2	8.6	9.0	9.4	9.7	10.0	10.5	11.0
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	6.6	6.1	5.6



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.4	9.4	9.4	9.4	9.9	10.4	10.8	11.3	11.8	12.3	12.7
87.5°	6.3	6.1	5.9	5.6	5.6	5.6	5.6	5.6	5.2	4.7	4.3
85°	6.9	6.6	6.1	5.6	5.6	5.6	5.6	5.6	5.2	4.7	4.3
82.5°	7.1	6.6	6.1	5.6	5.6	5.6	5.6	5.6	5.2	4.7	4.3
80°	7.1	6.6	6.2	5.7	5.6	5.6	5.6	5.6	5.2	4.9	4.6
77.5°	7.1	6.7	6.2	5.7	5.7	6.0	6.3	6.6	6.5	6.3	6.1
75°	7.2	6.7	6.5	6.5	6.8	7.2	7.5	7.5	7.2	6.7	6.3
72.5°	7.3	7.1	7.2	7.5	7.5	7.5	7.5	7.5	8.4	9.7	10.6
70°	7.4	7.5	7.5	7.5	7.5	7.9	9.9	12.5	15.2	17.2	19.8
67.5°	7.5	7.5	7.5	7.7	9.0	11.2	14.2	21.7	30.2	33.0	32.9
65°	7.5	7.5	8.0	9.2	11.1	16.9	25.1	35.2	42.8	41.7	38.9
62.5°	7.5	7.8	8.8	11.6	16.9	24.5	32.4	39.7	46.9	45.7	39.8
60°	7.6	8.0	11.1	16.5	22.2	28.2	35.8	40.6	45.4	46.7	36.8
57.5°	7.7	9.7	15.0	20.6	25.8	30.2	33.1	37.3	40.0	40.5	30.3
55°	8.8	12.8	18.4	23.9	27.5	26.4	28.5	31.1	32.2	29.7	21.5
52.5°	11.2	15.6	21.2	25.8	26.3	24.3	23.7	24.9	23.0	19.6	17.0
50°	13.3	18.3	23.7	26.3	25.7	23.1	19.7	19.1	18.5	17.2	15.6
47.5°	15.4	20.8	25.5	27.2	25.3	22.9	18.9	18.5	18.6	19.6	18.5
45°	17.4	22.3	27.1	27.4	26.1	24.2	22.5	20.6	24.2	25.4	25.3
42.5°	19.1	23.3	27.6	28.0	28.7	28.3	27.7	29.8	32.0	34.0	34.6
40°	19.8	23.9	29.0	32.7	32.8	34.2	38.1	41.7	41.9	44.4	45.9
37.5°	20.1	26.2	33.2	41.5	39.0	43.6	50.1	59.9	61.3	55.7	63.6
35°	20.1	29.5	44.4	54.0	52.7	55.9	71.3	85.7	92.3	82.9	95.7
32.5°	22.1	33.8	58.7	69.0	78.5	82.1	97.1	125.6	141.5	147.4	158.1
30°	26.8	47.0	75.2	86.3	113.1	131.0	143.5	177.5	206.6	294.9	360.4
27.5°	32.7	63.2	91.6	117.2	156.7	187.5	214.3	249.3	356.2	517.0	684.2
25°	38.4	84.9	109.6	157.2	210.8	252.4	289.1	338.8	562.8	892.4	1033.2
22.5°	50.0	109.8	138.3	202.2	269.9	319.1	372.5	506.6	809.3	1304.6	1362.6
20°	68.9	133.9	177.4	252.7	335.3	386.0	456.8	682.9	1088.3	1466.8	1623.7
17.5°	89.3	160.1	220.3	312.3	412.5	469.8	552.6	852.7	1328.7	1665.7	1876.2
15°	110.5	188.1	261.5	377.6	494.1	573.2	744.4	1085.8	1518.6	1898.7	2205.5
12.5°	132.0	217.1	300.8	446.8	579.6	675.3	976.9	1441.4	1836.8	2192.7	2609.3
10°	153.2	246.5	338.1	517.9	667.4	775.6	1232.9	1802.8	2191.0	2539.1	2966.2
7.5°	195.8	286.1	377.3	588.9	755.6	873.3	1500.5	2161.9	2515.9	2842.7	3261.7
5°	242.2	334.9	437.7	673.5	844.1	963.3	1744.2	2509.1	2815.5	3110.1	3519.5
2.5°	287.5	381.4	496.1	754.6	928.6	1041.5	1869.0	2699.8	3006.0	3315.2	3741.9
0°	329.5	425.5	551.7	828.5	1007.4	1114.7	1960.1	2860.2	3165.2	3487.2	3937.2
-2.5°	364.5	470.4	610.4	863.6	1029.2	1133.4	1930.2	2858.6	3224.6	3582.3	4047.9
-5°	393.7	512.5	664.5	892.6	1046.8	1148.7	1870.9	2813.4	3273.6	3658.3	4131.4
-7.5°	416.6	551.2	713.2	915.2	1057.6	1156.3	1844.9	2832.2	3361.2	3725.1	4185.9
-10°	429.1	566.6	716.8	914.3	1059.6	1158.1	1787.2	2793.5	3433.8	3784.6	4209.0
-12.5°	412.4	560.1	707.5	904.9	1060.2	1157.4	1676.3	2690.9	3493.3	3841.2	4188.0
-15°	393.9	550.5	692.3	886.3	1060.3	1154.7	1506.9	2520.0	3459.5	3739.9	4100.2
-17.5°	374.5	537.6	670.9	858.2	1060.8	1150.1	1266.1	2153.5	3121.9	3525.5	3958.6
-20°	355.1	521.4	643.3	819.9	1055.1	1119.2	1173.1	1781.2	2629.9	3252.8	3690.5



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	336.7	501.8	615.1	783.3	973.4	1066.1	1117.3	1420.9	2123.1	2921.4	3290.0
-25°	326.6	472.9	590.6	727.4	888.0	1010.8	1054.9	1117.8	1675.7	2397.6	2924.5
-27.5°	321.5	447.8	557.9	671.7	808.9	944.5	992.1	1046.9	1330.8	1885.0	2540.5
-30°	313.1	415.7	523.3	620.9	743.5	859.4	929.0	991.7	1068.8	1485.1	2003.7
-32.5°	294.2	382.4	485.8	580.9	682.7	785.3	883.2	951.6	1014.6	1127.3	1537.6
-35°	272.2	354.2	446.8	539.5	625.4	725.6	827.4	916.9	967.8	1020.3	1201.1
-37.5°	253.9	324.4	407.0	496.5	579.2	670.0	768.8	863.3	933.7	981.6	1050.2
-40°	234.1	292.9	371.0	452.5	533.5	615.4	706.3	798.3	886.0	959.4	1014.7
-42.5°	212.9	269.4	335.1	408.2	485.7	562.7	642.1	729.5	821.8	917.4	989.1
-45°	189.6	244.7	299.4	367.7	436.4	508.2	581.9	659.1	752.6	844.1	935.0
-47.5°	164.5	218.0	270.9	326.7	390.0	454.0	520.0	598.6	680.8	767.3	852.5
-50°	138.6	188.4	241.4	292.3	346.2	402.8	461.6	539.1	617.5	692.3	768.8
-52.5°	113.6	157.1	207.8	259.3	307.0	356.8	413.2	481.2	554.5	626.9	695.1
-55°	87.7	127.9	171.6	221.2	270.4	314.9	367.9	428.3	490.2	558.9	625.0
-57.5°	67.7	98.5	136.7	179.1	226.7	275.6	326.2	377.1	433.5	491.7	548.6
-60°	50.4	72.9	102.1	138.7	178.2	226.0	281.3	331.7	379.6	427.2	479.2
-62.5°	35.0	52.6	73.3	98.7	133.1	172.2	219.6	271.9	327.6	369.8	411.4
-65°	31.2	36.1	50.4	69.3	88.4	121.0	158.6	199.7	247.0	290.1	335.1
-67.5°	27.3	31.7	36.2	43.7	60.7	78.7	97.9	131.3	167.2	198.1	230.2
-70°	24.7	27.3	31.1	35.3	39.5	46.8	62.6	79.3	96.0	114.0	139.8
-72.5°	22.3	24.8	27.1	29.5	33.0	36.7	40.2	43.7	53.2	66.3	78.2
-75°	20.2	22.1	24.3	26.5	28.4	30.4	32.9	36.0	38.9	42.0	45.3
-77.5°	18.2	19.6	21.2	23.2	24.7	25.9	27.5	29.3	31.2	33.0	34.8
-80°	16.3	16.9	17.8	19.0	20.4	21.6	22.6	23.5	24.5	25.9	27.4
-82.5°	14.6	15.0	15.5	15.9	16.6	17.5	18.4	19.4	20.1	20.8	21.5
-85°	12.9	13.2	13.5	13.7	14.1	14.5	15.0	15.5	15.9	16.2	16.5
-87.5°	11.2	11.3	11.4	11.6	11.9	12.2	12.4	12.6	12.8	13.0	13.1
-90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	4.7	4.3



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.2	13.2	13.2	13.2	13.2	16.0	18.8	21.7	24.5	28.7	32.9
87.5°	3.8	3.7	3.7	3.6	3.6	3.2	2.8	2.4	1.9	1.4	1.0
85°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9
82.5°	3.8	3.8	3.8	3.8	3.8	3.4	2.9	2.4	1.9	1.9	1.9
80°	4.4	4.3	4.2	4.1	3.8	3.4	2.9	2.4	1.9	1.9	1.9
77.5°	5.7	5.3	4.8	4.4	3.9	3.7	3.5	3.5	3.5	3.2	2.8
75°	5.8	5.6	5.8	5.5	4.9	4.6	4.4	4.2	3.9	3.7	3.7
72.5°	11.4	11.4	10.7	10.0	9.0	8.5	8.3	7.7	6.9	6.6	6.3
70°	20.7	20.3	19.5	17.9	15.3	13.2	12.0	10.7	9.4	9.0	9.1
67.5°	30.0	26.9	24.4	21.5	17.8	15.1	13.6	12.0	10.2	9.4	9.4
65°	34.8	28.3	24.1	21.0	18.6	15.9	13.4	11.2	9.1	8.2	8.4
62.5°	33.0	24.6	19.5	16.5	14.3	12.8	10.9	9.3	8.1	7.6	7.6
60°	27.4	18.4	13.8	12.3	10.9	9.5	8.9	8.1	7.1	6.3	6.5
57.5°	21.3	14.7	11.2	10.7	10.1	9.6	8.8	8.0	7.3	6.9	7.2
55°	15.8	13.1	11.4	11.5	11.2	10.3	9.3	9.2	9.0	8.7	8.9
52.5°	13.9	13.8	14.3	14.1	12.8	11.8	11.2	11.2	11.4	11.7	12.2
50°	15.8	16.3	16.1	14.8	14.5	14.0	13.2	14.0	15.1	15.5	15.8
47.5°	18.8	19.1	19.3	18.1	18.3	19.7	20.0	20.6	22.7	24.3	25.7
45°	24.1	26.2	26.7	27.5	28.0	30.9	32.3	33.0	38.9	41.6	42.0
42.5°	34.8	38.0	40.6	44.7	44.1	51.2	60.3	65.2	64.8	63.0	62.9
40°	50.9	56.5	68.9	75.6	82.8	91.0	91.8	81.8	81.9	92.1	91.6
37.5°	78.5	97.8	115.4	130.9	134.8	130.1	131.8	139.5	148.6	149.5	153.9
35°	132.4	171.5	180.5	192.5	205.6	193.2	191.6	203.9	199.8	220.9	236.1
32.5°	229.0	284.4	301.2	315.7	352.3	331.1	272.7	357.7	338.6	362.3	398.3
30°	364.3	473.3	546.6	568.5	577.7	580.2	635.1	683.9	722.4	774.0	846.9
27.5°	689.9	762.2	884.0	952.3	866.3	901.8	1042.9	1068.5	1213.9	1371.8	1501.5
25°	1049.1	1130.2	1347.0	1374.2	1302.3	1434.4	1570.9	1599.2	1855.6	2041.6	2487.1
22.5°	1373.8	1509.7	1741.7	1807.5	1867.4	2024.4	2183.0	2372.1	2949.7	3665.9	4965.6
20°	1648.7	1800.3	2027.1	2210.2	2359.7	2560.0	2744.7	3390.3	4634.4	7355.5	10315.3
17.5°	1981.4	2075.3	2355.7	2600.5	2834.8	3121.7	3938.2	5568.7	9170.4	15099.4	20718.8
15°	2429.6	2616.4	2790.4	3055.4	3493.0	4327.5	6129.0	11440.3	18975.1	29316.8	42126.4
12.5°	2946.5	3204.1	3445.4	3670.2	4298.0	6266.2	12014.3	21224.8	33891.1	50504.0	75643.6
10°	3408.2	3801.7	4097.9	4490.1	5706.0	9533.7	18407.1	31428.4	53685.5	83038.8	115846.1
7.5°	3728.6	4196.3	4595.7	5178.8	7161.6	13646.2	25930.0	46207.9	77845.6	117397.4	161653.7
5°	4033.5	4560.9	4952.9	5670.2	8124.0	16502.9	31632.1	58527.1	101493.0	153755.1	210575.6
2.5°	4321.5	4882.8	5268.2	6110.4	8731.6	17805.0	34020.4	66185.6	116789.0	178693.7	246176.8
0°	4588.7	5119.7	5522.6	6317.2	9245.1	19055.1	36052.3	68655.0	121956.7	186036.2	257014.7
-2.5°	4538.8	4933.6	5379.6	6176.2	8756.6	17714.6	33684.4	65754.6	115889.7	177271.0	242559.2
-5°	4521.4	4841.5	5244.2	5966.2	8153.3	15306.8	29916.9	59206.1	105949.1	161265.9	222075.9
-7.5°	4534.7	4788.9	5103.8	5700.9	7424.7	12941.6	26011.4	51324.4	89932.9	136768.0	191682.0
-10°	4563.2	4759.8	5079.1	5604.2	6810.9	10344.0	19685.3	39543.2	70710.1	107961.6	150750.8
-12.5°	4612.4	4877.3	5197.7	5554.5	6194.1	8239.1	15481.9	30696.2	52280.9	78451.7	111010.5
-15°	4595.5	4937.0	5298.9	5519.3	5867.5	7005.8	10042.1	20268.4	36173.9	53531.0	73235.2
-17.5°	4471.8	4880.6	5039.6	5210.6	5422.5	5983.2	7677.9	12224.1	21281.4	32685.9	43771.7
-20°	4184.4	4391.3	4590.2	4794.3	5028.8	5338.3	5865.5	7636.4	10288.5	16760.0	22170.1



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3645.0	3844.1	4016.4	4347.5	4584.3	4811.6	5101.9	5485.2	6505.3	8107.6	10770.7
-25°	3182.3	3305.0	3547.5	3934.0	4188.5	4324.6	4506.7	4652.1	5001.8	5373.9	6293.7
-27.5°	2812.5	2996.4	3295.2	3633.7	3877.7	3987.2	4082.9	4168.4	4388.0	4540.1	4801.3
-30°	2520.0	2817.7	3097.7	3407.5	3631.8	3761.9	3802.7	3926.0	4069.2	4177.8	4283.6
-32.5°	2100.3	2624.0	2878.7	3135.2	3388.7	3548.9	3658.6	3755.8	3890.2	3973.6	4015.2
-35°	1648.3	2184.6	2686.0	2858.1	3042.3	3272.5	3459.8	3558.7	3647.0	3727.4	3778.2
-37.5°	1243.9	1683.2	2150.0	2569.8	2767.0	2939.2	3211.8	3376.7	3456.8	3576.8	3645.0
-40°	1078.8	1203.4	1601.7	1994.9	2348.7	2740.9	3006.0	3260.3	3511.8	3665.8	3765.9
-42.5°	1041.8	1092.7	1140.0	1415.5	1769.2	2124.6	2515.3	2946.8	3307.6	3579.3	3831.8
-45°	1011.9	1050.7	1088.7	1131.9	1173.3	1445.1	1750.6	2072.2	2487.4	2889.3	3236.3
-47.5°	934.8	1008.1	1050.9	1083.4	1117.2	1154.8	1189.5	1262.4	1541.6	1838.4	2120.3
-50°	847.1	919.8	984.9	1045.1	1088.6	1117.8	1139.5	1168.1	1201.5	1231.1	1258.4
-52.5°	760.8	831.3	897.4	962.9	1024.2	1080.7	1132.9	1165.8	1191.1	1213.3	1227.1
-55°	688.3	749.0	808.3	873.0	936.1	996.2	1052.9	1103.8	1151.7	1196.5	1222.1
-57.5°	608.9	668.7	728.0	787.8	845.4	900.6	955.3	1008.6	1059.2	1105.3	1133.4
-60°	530.4	580.7	639.6	701.0	758.3	811.8	866.2	917.9	965.7	1006.4	1031.4
-62.5°	456.6	503.5	552.5	607.1	666.1	723.7	772.1	821.0	869.9	911.9	940.6
-65°	378.5	417.8	457.5	500.2	545.3	592.5	641.0	688.6	735.1	773.2	800.4
-67.5°	267.8	306.9	344.8	382.7	417.4	452.2	489.3	526.8	564.1	594.7	618.8
-70°	165.1	189.5	212.5	237.1	266.1	296.3	327.3	356.2	383.0	402.8	417.5
-72.5°	89.0	98.9	110.7	129.1	146.3	164.4	183.2	201.1	218.0	230.5	239.8
-75°	48.8	53.2	60.8	68.1	74.8	82.8	91.0	98.7	105.9	112.9	119.4
-77.5°	36.9	39.2	41.2	43.0	44.5	47.3	50.6	53.8	57.1	61.3	65.8
-80°	28.9	30.0	31.1	32.3	33.4	35.3	37.4	39.4	41.4	43.4	45.3
-82.5°	22.2	22.8	23.3	23.8	24.3	25.5	26.8	28.1	29.3	31.4	33.4
-85°	16.8	17.2	17.5	17.9	18.1	19.1	20.1	21.1	22.2	23.7	25.2
-87.5°	13.2	13.6	14.0	14.5	14.9	15.6	16.2	16.7	17.2	18.6	19.9
-90°	3.8	3.3	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.4	1.0



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	37.2	41.4	44.2	47.1	44.2	41.4	37.2	32.9	28.7	24.5	21.7
87.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.2	3.5	3.5
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.9	4.2
72.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.3	6.6	6.9	7.7
70°	9.2	9.3	9.4	9.4	9.4	9.3	9.2	9.1	9.0	9.4	10.7
67.5°	9.4	9.4	8.5	7.5	8.5	9.4	9.4	9.4	9.4	10.2	12.0
65°	8.8	9.3	8.5	7.5	8.5	9.3	8.8	8.4	8.2	9.1	11.2
62.5°	7.6	7.6	7.5	7.5	7.5	7.6	7.6	7.6	7.6	8.1	9.3
60°	6.9	7.4	7.5	7.5	7.5	7.4	6.9	6.5	6.3	7.1	8.1
57.5°	7.4	7.5	8.3	9.4	8.3	7.5	7.4	7.2	6.9	7.3	8.0
55°	9.1	9.3	9.4	9.4	9.4	9.3	9.1	8.9	8.7	9.0	9.2
52.5°	12.6	12.9	13.1	13.2	13.1	12.9	12.6	12.2	11.7	11.4	11.2
50°	16.3	16.6	16.2	15.1	16.2	16.6	16.3	15.8	15.5	15.1	14.0
47.5°	27.0	27.6	27.4	26.4	27.4	27.6	27.0	25.7	24.3	22.7	20.6
45°	43.1	43.1	43.0	43.3	43.0	43.1	43.1	42.0	41.6	38.9	33.0
42.5°	64.5	65.1	65.4	65.9	65.4	65.1	64.5	62.9	63.0	64.8	65.2
40°	93.2	93.7	92.6	90.4	92.6	93.7	93.2	91.6	92.1	81.9	81.8
37.5°	161.8	165.4	164.5	161.9	164.5	165.4	161.8	153.9	149.5	148.6	139.5
35°	241.6	239.4	233.0	233.5	233.0	239.4	241.6	236.1	220.9	199.8	203.9
32.5°	377.4	390.9	395.2	397.3	395.2	390.9	377.4	398.3	362.3	338.6	357.7
30°	898.3	871.2	750.7	713.6	750.7	871.2	898.3	846.9	774.0	722.4	683.9
27.5°	1595.8	1681.8	1760.5	1768.1	1760.5	1681.8	1595.8	1501.5	1371.8	1213.9	1068.5
25°	2947.1	3236.7	3358.6	3342.2	3358.6	3236.7	2947.1	2487.1	2041.6	1855.6	1599.2
22.5°	6502.4	7490.4	8005.3	8023.1	8005.3	7490.4	6502.4	4965.6	3665.9	2949.7	2372.1
20°	14188.1	16572.7	17174.9	16995.2	17174.9	16572.7	14188.1	10315.3	7355.5	4634.4	3390.3
17.5°	29254.5	36308.7	41124.8	41456.2	41124.8	36308.7	29254.5	20718.8	15099.4	9170.4	5568.7
15°	56938.0	69905.1	76629.6	77772.1	76629.6	69905.1	56938.0	42126.4	29316.8	18975.1	11440.3
12.5°	99466.3	119203.3	130184.9	132064.2	130184.9	119203.3	99466.3	75643.6	50504.0	33891.1	21224.8
10°	151717.5	179245.9	197145.4	205225.0	197145.4	179245.9	151717.5	115846.1	83038.8	53685.5	31428.4
7.5°	205331.4	248700.3	284117.9	292148.1	284117.9	248700.3	205331.4	161653.7	117397.4	77845.6	46207.9
5°	271658.9	329809.7	363822.0	371676.9	363822.0	329809.7	271658.9	210575.6	153755.1	101493.0	58527.1
2.5°	320844.5	383366.5	419015.2	438605.3	419015.2	383366.5	320844.5	246176.8	178693.7	116789.0	66185.6
0°	336108.6	392999.1	435856.2	466672.1	435856.2	392999.1	336108.6	257014.7	186036.2	121956.7	68655.0
-2.5°	315448.3	375770.2	406867.6	424192.4	406867.6	375770.2	315448.3	242559.2	177271.0	115889.7	65754.6
-5°	282579.9	338029.3	371943.2	382398.3	371943.2	338029.3	282579.9	222075.9	161265.9	105949.1	59206.1
-7.5°	239518.0	280011.1	305409.5	318216.1	305409.5	280011.1	239518.0	191682.0	136768.0	89932.9	51324.4
-10°	192907.3	223639.5	242584.1	249669.4	242584.1	223639.5	192907.3	150750.8	107961.6	70710.1	39543.2
-12.5°	141292.4	165770.0	180324.3	185939.2	180324.3	165770.0	141292.4	111010.5	78451.7	52280.9	30696.2
-15°	93259.5	110904.3	122099.4	126008.7	122099.4	110904.3	93259.5	73235.2	53531.0	36173.9	20268.4
-17.5°	56524.4	66264.4	73511.4	75339.4	73511.4	66264.4	56524.4	43771.7	32685.9	21281.4	12224.1
-20°	29911.8	34294.8	36742.5	38398.4	36742.5	34294.8	29911.8	22170.1	16760.0	10288.5	7636.4



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14180.5	16567.4	17667.5	18507.2	17667.5	16567.4	14180.5	10770.7	8107.6	6505.3	5485.2
-25°	7096.8	7590.5	7805.5	8106.0	7805.5	7590.5	7096.8	6293.7	5373.9	5001.8	4652.1
-27.5°	4977.8	5093.6	5139.3	5176.1	5139.3	5093.6	4977.8	4801.3	4540.1	4388.0	4168.4
-30°	4337.9	4356.9	4354.1	4351.4	4354.1	4356.9	4337.9	4283.6	4177.8	4069.2	3926.0
-32.5°	4060.3	4080.6	4079.1	4076.5	4079.1	4080.6	4060.3	4015.2	3973.6	3890.2	3755.8
-35°	3810.8	3837.2	3850.2	3856.2	3850.2	3837.2	3810.8	3778.2	3727.4	3647.0	3558.7
-37.5°	3683.0	3688.6	3673.6	3656.6	3673.6	3688.6	3683.0	3645.0	3576.8	3456.8	3376.7
-40°	3815.0	3904.5	3994.3	4021.9	3994.3	3904.5	3815.0	3765.9	3665.8	3511.8	3260.3
-42.5°	3914.9	3972.4	3998.3	3989.9	3998.3	3972.4	3914.9	3831.8	3579.3	3307.6	2946.8
-45°	3465.7	3643.9	3749.4	3775.3	3749.4	3643.9	3465.7	3236.3	2889.3	2487.4	2072.2
-47.5°	2356.8	2556.5	2682.2	2722.7	2682.2	2556.5	2356.8	2120.3	1838.4	1541.6	1262.4
-50°	1284.7	1309.9	1318.1	1310.5	1318.1	1309.9	1284.7	1258.4	1231.1	1201.5	1168.1
-52.5°	1240.7	1255.6	1265.2	1271.0	1265.2	1255.6	1240.7	1227.1	1213.3	1191.1	1165.8
-55°	1244.1	1263.3	1273.8	1278.5	1273.8	1263.3	1244.1	1222.1	1196.5	1151.7	1103.8
-57.5°	1158.1	1179.7	1190.0	1193.8	1190.0	1179.7	1158.1	1133.4	1105.3	1059.2	1008.6
-60°	1054.1	1074.6	1082.5	1084.6	1082.5	1074.6	1054.1	1031.4	1006.4	965.7	917.9
-62.5°	967.2	991.4	1001.7	1005.5	1001.7	991.4	967.2	940.6	911.9	869.9	821.0
-65°	824.5	845.1	852.1	853.0	852.1	845.1	824.5	800.4	773.2	735.1	688.6
-67.5°	640.4	659.0	665.5	666.6	665.5	659.0	640.4	618.8	594.7	564.1	526.8
-70°	429.3	438.2	442.0	442.5	442.0	438.2	429.3	417.5	402.8	383.0	356.2
-72.5°	247.2	252.6	254.3	254.2	254.3	252.6	247.2	239.8	230.5	218.0	201.1
-75°	125.2	130.2	131.5	131.8	131.5	130.2	125.2	119.4	112.9	105.9	98.7
-77.5°	70.2	74.6	75.2	75.3	75.2	74.6	70.2	65.8	61.3	57.1	53.8
-80°	47.1	48.8	49.0	49.0	49.0	48.8	47.1	45.3	43.4	41.4	39.4
-82.5°	35.5	37.6	37.7	37.7	37.7	37.6	35.5	33.4	31.4	29.3	28.1
-85°	26.7	28.1	29.1	30.1	29.1	28.1	26.7	25.2	23.7	22.2	21.1
-87.5°	21.3	22.7	23.6	24.5	23.6	22.7	21.3	19.9	18.6	17.2	16.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.8	16.0	13.2	13.2	13.2	13.2	13.2	12.7	12.3	11.8	11.3
87.5°	2.8	3.2	3.6	3.6	3.7	3.7	3.8	4.3	4.7	5.2	5.6
85°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.7	5.2	5.6
82.5°	2.9	3.4	3.8	3.8	3.8	3.8	3.8	4.3	4.7	5.2	5.6
80°	2.9	3.4	3.8	4.1	4.2	4.3	4.4	4.6	4.9	5.2	5.6
77.5°	3.5	3.7	3.9	4.4	4.8	5.3	5.7	6.1	6.3	6.5	6.6
75°	4.4	4.6	4.9	5.5	5.8	5.6	5.8	6.3	6.7	7.2	7.5
72.5°	8.3	8.5	9.0	10.0	10.7	11.4	11.4	10.6	9.7	8.4	7.5
70°	12.0	13.2	15.3	17.9	19.5	20.3	20.7	19.8	17.2	15.2	12.5
67.5°	13.6	15.1	17.8	21.5	24.4	26.9	30.0	32.9	33.0	30.2	21.7
65°	13.4	15.9	18.6	21.0	24.1	28.3	34.8	38.9	41.7	42.8	35.2
62.5°	10.9	12.8	14.3	16.5	19.5	24.6	33.0	39.8	45.7	46.9	39.7
60°	8.9	9.5	10.9	12.3	13.8	18.4	27.4	36.8	46.7	45.4	40.6
57.5°	8.8	9.6	10.1	10.7	11.2	14.7	21.3	30.3	40.5	40.0	37.3
55°	9.3	10.3	11.2	11.5	11.4	13.1	15.8	21.5	29.7	32.2	31.1
52.5°	11.2	11.8	12.8	14.1	14.3	13.8	13.9	17.0	19.6	23.0	24.9
50°	13.2	14.0	14.5	14.8	16.1	16.3	15.8	15.6	17.2	18.5	19.1
47.5°	20.0	19.7	18.3	18.1	19.3	19.1	18.8	18.5	19.6	18.6	18.5
45°	32.3	30.9	28.0	27.5	26.7	26.2	24.1	25.3	25.4	24.2	20.6
42.5°	60.3	51.2	44.1	44.7	40.6	38.0	34.8	34.6	34.0	32.0	29.8
40°	91.8	91.0	82.8	75.6	68.9	56.5	50.9	45.9	44.4	41.9	41.7
37.5°	131.8	130.1	134.8	130.9	115.4	97.8	78.5	63.6	55.7	61.3	59.9
35°	191.6	193.2	205.6	192.5	180.5	171.5	132.4	95.7	82.9	92.3	85.7
32.5°	272.7	331.1	352.3	315.7	301.2	284.4	229.0	158.1	147.4	141.5	125.6
30°	635.1	580.2	577.7	568.5	546.6	473.3	364.3	360.4	294.9	206.6	177.5
27.5°	1042.9	901.8	866.3	952.3	884.0	762.2	689.9	684.2	517.0	356.2	249.3
25°	1570.9	1434.4	1302.3	1374.2	1347.0	1130.2	1049.1	1033.2	892.4	562.8	338.8
22.5°	2183.0	2024.4	1867.4	1807.5	1741.7	1509.7	1373.8	1362.6	1304.6	809.3	506.6
20°	2744.7	2560.0	2359.7	2210.2	2027.1	1800.3	1648.7	1623.7	1466.8	1088.3	682.9
17.5°	3938.2	3121.7	2834.8	2600.5	2355.7	2075.3	1981.4	1876.2	1665.7	1328.7	852.7
15°	6129.0	4327.5	3493.0	3055.4	2790.4	2616.4	2429.6	2205.5	1898.7	1518.6	1085.8
12.5°	12014.3	6266.2	4298.0	3670.2	3445.4	3204.1	2946.5	2609.3	2192.7	1836.8	1441.4
10°	18407.1	9533.7	5706.0	4490.1	4097.9	3801.7	3408.2	2966.2	2539.1	2191.0	1802.8
7.5°	25930.0	13646.2	7161.6	5178.8	4595.7	4196.3	3728.6	3261.7	2842.7	2515.9	2161.9
5°	31632.1	16502.9	8124.0	5670.2	4952.9	4560.9	4033.5	3519.5	3110.1	2815.5	2509.1
2.5°	34020.4	17805.0	8731.6	6110.4	5268.2	4882.8	4321.5	3741.9	3315.2	3006.0	2699.8
0°	36052.3	19055.1	9245.1	6317.2	5522.6	5119.7	4588.7	3937.2	3487.2	3165.2	2860.2
-2.5°	33684.4	17714.6	8756.6	6176.2	5379.6	4933.6	4538.8	4047.9	3582.3	3224.6	2858.6
-5°	29916.9	15306.8	8153.3	5966.2	5244.2	4841.5	4521.4	4131.4	3658.3	3273.6	2813.4
-7.5°	26011.4	12941.6	7424.7	5700.9	5103.8	4788.9	4534.7	4185.9	3725.1	3361.2	2832.2
-10°	19685.3	10344.0	6810.9	5604.2	5079.1	4759.8	4563.2	4209.0	3784.6	3433.8	2793.5
-12.5°	15481.9	8239.1	6194.1	5554.5	5197.7	4877.3	4612.4	4188.0	3841.2	3493.3	2690.9
-15°	10042.1	7005.8	5867.5	5519.3	5298.9	4937.0	4595.5	4100.2	3739.9	3459.5	2520.0
-17.5°	7677.9	5983.2	5422.5	5210.6	5039.6	4880.6	4471.8	3958.6	3525.5	3121.9	2153.5
-20°	5865.5	5338.3	5028.8	4794.3	4590.2	4391.3	4184.4	3690.5	3252.8	2629.9	1781.2



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5101.9	4811.6	4584.3	4347.5	4016.4	3844.1	3645.0	3290.0	2921.4	2123.1	1420.9
-25°	4506.7	4324.6	4188.5	3934.0	3547.5	3305.0	3182.3	2924.5	2397.6	1675.7	1117.8
-27.5°	4082.9	3987.2	3877.7	3633.7	3295.2	2996.4	2812.5	2540.5	1885.0	1330.8	1046.9
-30°	3802.7	3761.9	3631.8	3407.5	3097.7	2817.7	2520.0	2003.7	1485.1	1068.8	991.7
-32.5°	3658.6	3548.9	3388.7	3135.2	2878.7	2624.0	2100.3	1537.6	1127.3	1014.6	951.6
-35°	3459.8	3272.5	3042.3	2858.1	2686.0	2184.6	1648.3	1201.1	1020.3	967.8	916.9
-37.5°	3211.8	2939.2	2767.0	2569.8	2150.0	1683.2	1243.9	1050.2	981.6	933.7	863.3
-40°	3006.0	2740.9	2348.7	1994.9	1601.7	1203.4	1078.8	1014.7	959.4	886.0	798.3
-42.5°	2515.3	2124.6	1769.2	1415.5	1140.0	1092.7	1041.8	989.1	917.4	821.8	729.5
-45°	1750.6	1445.1	1173.3	1131.9	1088.7	1050.7	1011.9	935.0	844.1	752.6	659.1
-47.5°	1189.5	1154.8	1117.2	1083.4	1050.9	1008.1	934.8	852.5	767.3	680.8	598.6
-50°	1139.5	1117.8	1088.6	1045.1	984.9	919.8	847.1	768.8	692.3	617.5	539.1
-52.5°	1132.9	1080.7	1024.2	962.9	897.4	831.3	760.8	695.1	626.9	554.5	481.2
-55°	1052.9	996.2	936.1	873.0	808.3	749.0	688.3	625.0	558.9	490.2	428.3
-57.5°	955.3	900.6	845.4	787.8	728.0	668.7	608.9	548.6	491.7	433.5	377.1
-60°	866.2	811.8	758.3	701.0	639.6	580.7	530.4	479.2	427.2	379.6	331.7
-62.5°	772.1	723.7	666.1	607.1	552.5	503.5	456.6	411.4	369.8	327.6	271.9
-65°	641.0	592.5	545.3	500.2	457.5	417.8	378.5	335.1	290.1	247.0	199.7
-67.5°	489.3	452.2	417.4	382.7	344.8	306.9	267.8	230.2	198.1	167.2	131.3
-70°	327.3	296.3	266.1	237.1	212.5	189.5	165.1	139.8	114.0	96.0	79.3
-72.5°	183.2	164.4	146.3	129.1	110.7	98.9	89.0	78.2	66.3	53.2	43.7
-75°	91.0	82.8	74.8	68.1	60.8	53.2	48.8	45.3	42.0	38.9	36.0
-77.5°	50.6	47.3	44.5	43.0	41.2	39.2	36.9	34.8	33.0	31.2	29.3
-80°	37.4	35.3	33.4	32.3	31.1	30.0	28.9	27.4	25.9	24.5	23.5
-82.5°	26.8	25.5	24.3	23.8	23.3	22.8	22.2	21.5	20.8	20.1	19.4
-85°	20.1	19.1	18.1	17.9	17.5	17.2	16.8	16.5	16.2	15.9	15.5
-87.5°	16.2	15.6	14.9	14.5	14.0	13.6	13.2	13.1	13.0	12.8	12.6
-90°	1.9	1.9	1.9	2.4	2.9	3.3	3.8	4.3	4.7	5.2	5.6



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.8	10.4	9.9	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
87.5°	5.6	5.6	5.6	5.6	5.9	6.1	6.3	6.4	6.6	6.9	7.2
85°	5.6	5.6	5.6	5.6	6.1	6.6	6.9	7.2	7.2	7.2	7.3
82.5°	5.6	5.6	5.6	5.6	6.1	6.6	7.1	7.5	7.5	7.5	7.5
80°	5.6	5.6	5.6	5.7	6.2	6.6	7.1	7.5	7.5	7.5	7.5
77.5°	6.3	6.0	5.7	5.7	6.2	6.7	7.1	7.5	7.5	7.5	7.5
75°	7.5	7.2	6.8	6.5	6.5	6.7	7.2	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.2	7.1	7.3	7.5	7.5	7.5	7.5
70°	9.9	7.9	7.5	7.5	7.5	7.5	7.4	7.6	7.5	7.5	7.5
67.5°	14.2	11.2	9.0	7.7	7.5	7.5	7.5	7.7	7.8	7.5	7.5
65°	25.1	16.9	11.1	9.2	8.0	7.5	7.5	7.9	8.1	7.9	7.5
62.5°	32.4	24.5	16.9	11.6	8.8	7.8	7.5	8.0	8.4	8.4	7.8
60°	35.8	28.2	22.2	16.5	11.1	8.0	7.6	8.1	8.5	8.8	8.3
57.5°	33.1	30.2	25.8	20.6	15.0	9.7	7.7	8.2	8.6	9.0	8.9
55°	28.5	26.4	27.5	23.9	18.4	12.8	8.8	8.3	8.7	9.1	9.4
52.5°	23.7	24.3	26.3	25.8	21.2	15.6	11.2	8.4	8.8	9.2	9.4
50°	19.7	23.1	25.7	26.3	23.7	18.3	13.3	9.9	8.9	9.3	9.4
47.5°	18.9	22.9	25.3	27.2	25.5	20.8	15.4	11.3	9.0	9.4	9.4
45°	22.5	24.2	26.1	27.4	27.1	22.3	17.4	12.4	9.9	9.5	9.4
42.5°	27.7	28.3	28.7	28.0	27.6	23.3	19.1	13.8	10.5	9.6	9.5
40°	38.1	34.2	32.8	32.7	29.0	23.9	19.8	15.2	11.0	9.9	9.6
37.5°	50.1	43.6	39.0	41.5	33.2	26.2	20.1	16.4	12.2	10.7	9.8
35°	71.3	55.9	52.7	54.0	44.4	29.5	20.1	17.1	14.1	11.6	10.0
32.5°	97.1	82.1	78.5	69.0	58.7	33.8	22.1	18.7	16.2	12.5	10.3
30°	143.5	131.0	113.1	86.3	75.2	47.0	26.8	20.6	18.3	13.5	10.7
27.5°	214.3	187.5	156.7	117.2	91.6	63.2	32.7	22.9	20.4	14.9	11.5
25°	289.1	252.4	210.8	157.2	109.6	84.9	38.4	25.5	22.4	16.6	12.3
22.5°	372.5	319.1	269.9	202.2	138.3	109.8	50.0	30.4	24.4	18.3	13.2
20°	456.8	386.0	335.3	252.7	177.4	133.9	68.9	35.0	26.5	20.1	14.0
17.5°	552.6	469.8	412.5	312.3	220.3	160.1	89.3	39.3	28.8	21.7	14.8
15°	744.4	573.2	494.1	377.6	261.5	188.1	110.5	43.4	31.1	23.4	15.7
12.5°	976.9	675.3	579.6	446.8	300.8	217.1	132.0	47.1	33.5	25.0	16.4
10°	1232.9	775.6	667.4	517.9	338.1	246.5	153.2	52.9	37.2	26.6	17.0
7.5°	1500.5	873.3	755.6	588.9	377.3	286.1	195.8	63.6	41.1	28.2	17.6
5°	1744.2	963.3	844.1	673.5	437.7	334.9	242.2	74.6	45.1	29.6	18.0
2.5°	1869.0	1041.5	928.6	754.6	496.1	381.4	287.5	85.5	49.0	30.9	18.5
0°	1960.1	1114.7	1007.4	828.5	551.7	425.5	329.5	96.0	52.7	32.0	18.8
-2.5°	1930.2	1133.4	1029.2	863.6	610.4	470.4	364.5	124.0	68.8	41.4	23.2
-5°	1870.9	1148.7	1046.8	892.6	664.5	512.5	393.7	150.4	84.3	50.5	27.4
-7.5°	1844.9	1156.3	1057.6	915.2	713.2	551.2	416.6	174.6	98.7	58.8	31.3
-10°	1787.2	1158.1	1059.6	914.3	716.8	566.6	429.1	195.8	111.7	66.2	34.8
-12.5°	1676.3	1157.4	1060.2	904.9	707.5	560.1	412.4	208.4	122.9	72.5	37.7
-15°	1506.9	1154.7	1060.3	886.3	692.3	550.5	393.9	215.9	131.7	78.2	39.9
-17.5°	1266.1	1150.1	1060.8	858.2	670.9	537.6	374.5	221.0	139.0	83.5	42.5
-20°	1173.1	1119.2	1055.1	819.9	643.3	521.4	355.1	223.5	144.5	87.4	44.9



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1117.3	1066.1	973.4	783.3	615.1	501.8	336.7	223.4	148.3	89.8	46.1
-25°	1054.9	1010.8	888.0	727.4	590.6	472.9	326.6	220.6	150.2	90.6	46.1
-27.5°	992.1	944.5	808.9	671.7	557.9	447.8	321.5	221.6	150.3	89.8	44.6
-30°	929.0	859.4	743.5	620.9	523.3	415.7	313.1	220.5	149.0	88.0	41.7
-32.5°	883.2	785.3	682.7	580.9	485.8	382.4	294.2	216.7	145.3	84.6	40.2
-35°	827.4	725.6	625.4	539.5	446.8	354.2	272.2	210.4	139.4	79.1	38.7
-37.5°	768.8	670.0	579.2	496.5	407.0	324.4	253.9	194.2	131.0	71.3	36.3
-40°	706.3	615.4	533.5	452.5	371.0	292.9	234.1	176.3	120.4	61.4	33.0
-42.5°	642.1	562.7	485.7	408.2	335.1	269.4	212.9	156.9	103.8	54.4	28.9
-45°	581.9	508.2	436.4	367.7	299.4	244.7	189.6	136.1	85.8	48.7	25.7
-47.5°	520.0	454.0	390.0	326.7	270.9	218.0	164.5	115.1	67.1	41.8	24.6
-50°	461.6	402.8	346.2	292.3	241.4	188.4	138.6	93.2	57.2	33.2	23.3
-52.5°	413.2	356.8	307.0	259.3	207.8	157.1	113.6	71.6	46.5	28.9	21.7
-55°	367.9	314.9	270.4	221.2	171.6	127.9	87.7	58.3	35.0	26.6	20.1
-57.5°	326.2	275.6	226.7	179.1	136.7	98.5	67.7	44.1	30.1	24.1	19.0
-60°	281.3	226.0	178.2	138.7	102.1	72.9	50.4	33.0	27.3	21.8	17.8
-62.5°	219.6	172.2	133.1	98.7	73.3	52.6	35.0	29.7	24.3	20.3	16.5
-65°	158.6	121.0	88.4	69.3	50.4	36.1	31.2	26.3	22.3	18.8	15.3
-67.5°	97.9	78.7	60.7	43.7	36.2	31.7	27.3	23.9	20.5	17.2	14.4
-70°	62.6	46.8	39.5	35.3	31.1	27.3	24.7	21.8	18.7	16.1	13.5
-72.5°	40.2	36.7	33.0	29.5	27.1	24.8	22.3	19.8	17.4	15.0	12.6
-75°	32.9	30.4	28.4	26.5	24.3	22.1	20.2	18.4	16.2	13.9	11.9
-77.5°	27.5	25.9	24.7	23.2	21.2	19.6	18.2	17.0	14.9	13.0	11.3
-80°	22.6	21.6	20.4	19.0	17.8	16.9	16.3	15.6	13.8	12.2	10.7
-82.5°	18.4	17.5	16.6	15.9	15.5	15.0	14.6	14.1	12.7	11.3	10.2
-85°	15.0	14.5	14.1	13.7	13.5	13.2	12.9	12.6	11.6	10.7	10.0
-87.5°	12.4	12.2	11.9	11.6	11.4	11.3	11.2	11.0	10.5	10.0	9.7
-90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.6	7.0



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.4	8.9	8.5	8.0	7.5	7.5	7.5
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
67.5°	7.6	7.5	7.5	7.5	7.5	7.5	7.5
65°	7.6	7.6	7.5	7.5	7.5	7.5	7.5
62.5°	7.7	7.7	7.5	7.5	7.5	7.5	7.5
60°	7.9	7.9	7.5	7.5	7.5	7.5	7.5
57.5°	8.2	8.1	7.7	7.5	7.5	7.5	7.5
55°	8.6	8.3	7.9	7.5	7.6	7.5	7.5
52.5°	8.9	8.5	8.1	7.5	7.6	7.5	7.5
50°	9.2	8.7	8.3	7.5	7.6	7.5	7.5
47.5°	9.4	8.9	8.5	7.5	7.7	7.5	7.5
45°	9.4	9.0	8.7	7.7	7.7	7.5	7.5
42.5°	9.4	9.2	9.0	7.9	7.8	7.5	7.5
40°	9.4	9.3	9.1	8.1	7.9	7.5	7.5
37.5°	9.4	9.4	9.2	8.3	7.9	7.5	7.5
35°	9.4	9.4	9.3	8.5	8.0	7.5	7.5
32.5°	9.5	9.4	9.4	8.7	8.1	7.5	7.5
30°	9.7	9.4	9.4	8.8	8.2	7.5	7.5
27.5°	9.9	9.4	9.4	8.9	8.3	7.5	7.5
25°	10.1	9.4	9.4	9.1	8.4	7.5	7.5
22.5°	10.3	9.4	9.4	9.1	8.5	7.5	7.5
20°	10.6	9.6	9.4	9.2	8.6	7.5	7.5
17.5°	10.9	9.7	9.4	9.3	8.7	7.5	7.5
15°	11.3	9.9	9.4	9.3	8.8	7.5	7.5
12.5°	11.7	10.2	9.4	9.4	8.9	7.5	7.5
10°	12.0	10.4	9.4	9.4	9.0	7.5	7.5
7.5°	12.3	10.6	9.4	9.4	9.1	7.5	7.5
5°	12.6	10.9	9.4	9.4	9.2	7.5	7.5
2.5°	12.9	11.1	9.4	9.4	9.3	7.5	7.5
0°	13.2	11.3	9.4	9.4	9.4	7.5	7.5
-2.5°	14.7	11.7	9.6	9.5	9.4	7.5	7.5
-5°	16.1	12.1	9.7	9.6	9.4	7.6	7.5
-7.5°	17.5	12.4	9.9	9.8	9.4	7.6	7.5
-10°	18.7	12.8	10.1	9.9	9.4	7.7	7.5
-12.5°	19.7	13.0	10.2	10.0	9.3	7.7	7.5
-15°	20.5	13.3	10.4	10.1	9.3	7.7	7.5
-17.5°	21.1	13.4	10.6	10.1	9.3	7.8	7.5
-20°	21.7	13.5	10.7	10.2	9.2	7.8	7.5



REPORT NUMBER: P1306306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.5	13.5	10.9	10.2	9.2	7.8	7.5
-25°	22.8	13.7	11.0	10.3	9.2	7.9	7.5
-27.5°	22.6	13.9	11.2	10.3	9.2	7.9	7.5
-30°	21.9	14.0	11.3	10.3	9.1	7.9	7.5
-32.5°	20.6	14.0	11.5	10.2	9.1	7.9	7.5
-35°	20.1	13.8	11.7	10.1	9.1	7.9	7.5
-37.5°	19.9	13.8	11.8	10.1	9.1	8.0	7.5
-40°	19.5	13.9	11.9	9.9	9.1	8.0	7.5
-42.5°	18.9	14.0	11.9	9.8	9.1	8.0	7.5
-45°	18.2	13.9	11.7	9.7	9.1	8.0	7.5
-47.5°	17.3	13.8	11.5	9.6	9.1	8.0	7.5
-50°	16.9	13.6	11.3	9.5	9.1	8.0	7.5
-52.5°	16.4	13.3	11.0	9.6	9.1	8.0	7.5
-55°	15.8	12.9	10.7	9.6	9.1	7.9	7.5
-57.5°	15.1	12.5	10.4	9.6	9.1	7.9	7.5
-60°	14.3	12.0	10.1	9.5	9.1	7.9	7.5
-62.5°	13.6	11.5	10.0	9.5	9.1	7.9	7.5
-65°	12.9	10.9	9.9	9.5	9.0	7.9	7.5
-67.5°	12.1	10.5	9.8	9.5	8.8	7.8	7.5
-70°	11.2	10.3	9.7	9.4	8.7	7.8	7.5
-72.5°	10.8	10.0	9.6	9.3	8.6	7.8	7.5
-75°	10.4	9.8	9.4	9.1	8.4	7.7	7.5
-77.5°	9.9	9.5	9.3	8.9	8.3	7.7	7.5
-80°	9.5	9.3	9.1	8.7	8.1	7.7	7.5
-82.5°	9.4	9.2	8.9	8.5	8.0	7.6	7.5
-85°	9.4	9.1	8.8	8.3	7.8	7.6	7.5
-87.5°	9.4	9.0	8.6	8.2	7.7	7.5	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)