

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: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

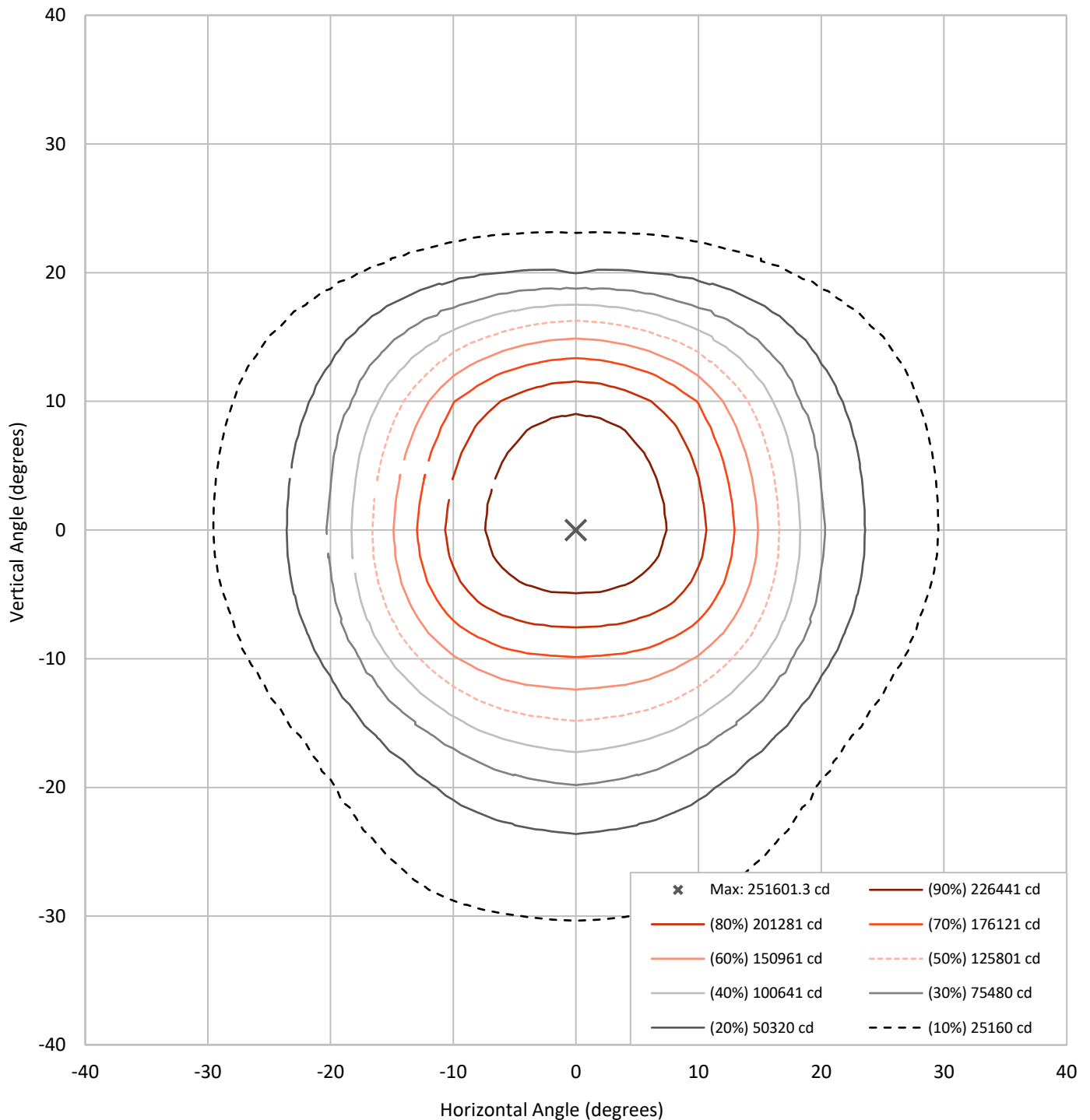
Test Method: LM-79-08
Report Number: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-57-70-4S-CV1-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	85725.7 lumens	Max Intensity:	251601.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	46852.5 lumens	Field Lumens:	75494.6 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
Input Watts (W):	688		
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





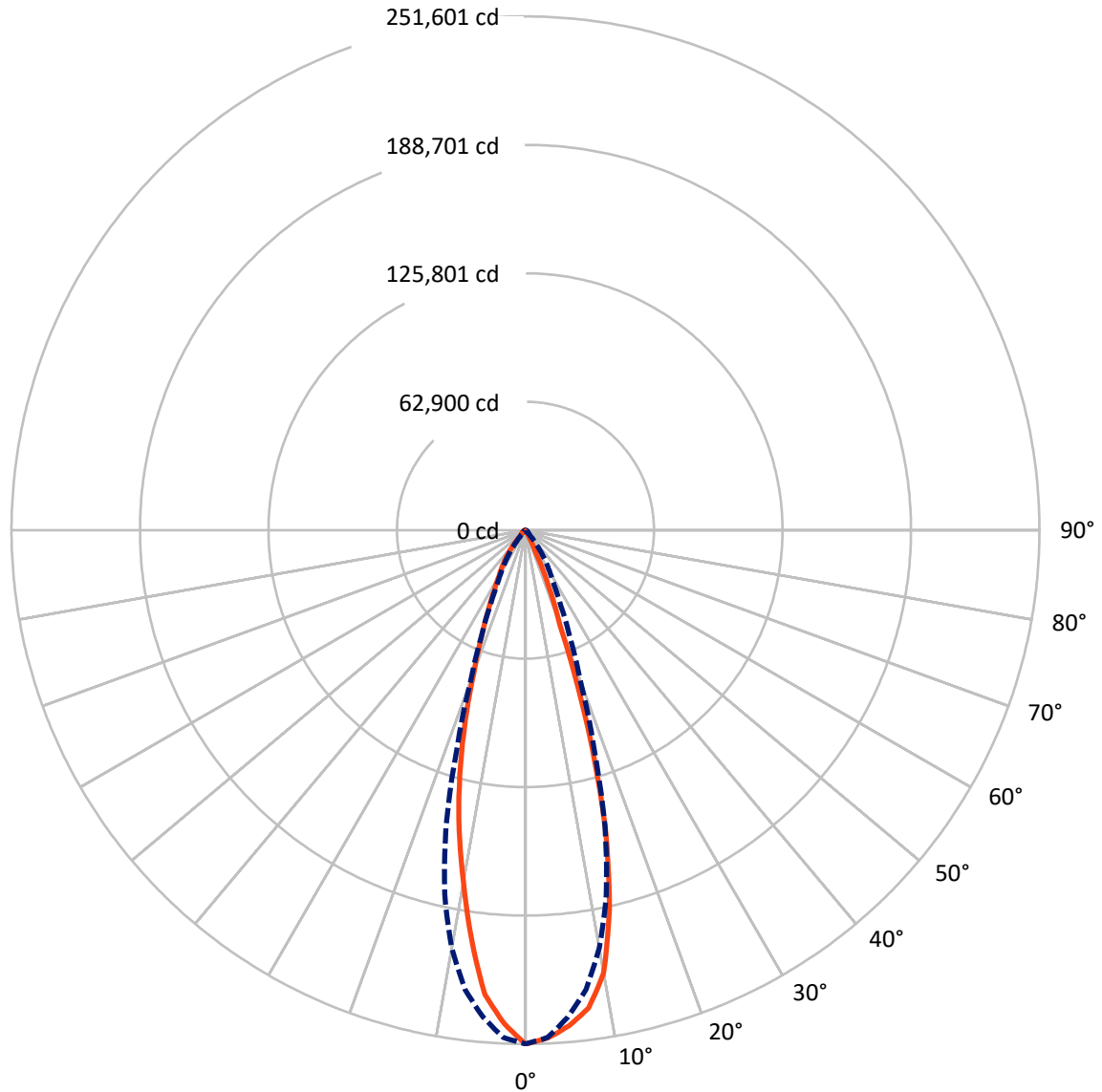
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Lumen Table

90																			
80	0.1	0.2		0.4		0.5		0.4		0.5		0.4		0.2		0.1			
70	0.1	0.1	0.1	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.1	0.1	0.1			
60		0.1	0.3	0.9	0.9	0.3	0.3	0.3	0.3	0.3	0.3	0.9	0.9	0.3	0.1				
50	0.1	0.1	0.4	0.6	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.4	0.1	0.1			
40		0.2	0.9	2.5	4.6	8.1	12.3	15.1	15.1	12.3	8.1	4.6	2.5	0.9	0.2				
30	0.1	0.5	4.2	12.9	50.9	158.9	318.1	516.6	516.6	318.1	158.9	50.9	12.9	4.2	0.5	0.1			
20		1.3	9.5	31.1	210.3	718.3	2143.7	3996.6	3996.6	2143.7	718.3	210.3	31.1	9.5	1.3				
10	0.3	2.1	13.1	44.4	327.7	1167.1	4002.1	6854.7	6854.7	4002.1	1167.1	327.7	44.4	13.1	2.1	0.3			
0		2.7	14.0	45.6	323.5	1125.8	3873.6	6380.5	6380.5	3873.6	1125.8	323.5	45.6	14.0	2.7				
-10	0.5	3.3	13.4	35.2	192.3	636.1	1954.8	3484.5	3484.5	1954.8	636.1	192.3	35.2	13.4	3.3	0.5			
-20		3.3	12.8	27.2	90.6	344.8	794.4	1267.3	1267.3	794.4	344.8	90.6	27.2	12.8	3.3				
-30	0.4	2.7	11.5	23.2	44.7	128.1	320.8	487.3	487.3	320.8	128.1	44.7	23.2	11.5	2.7	0.4			
-40		1.8	8.4	19.8	33.4	51.0	77.6	105.3	105.3	77.6	51.0	33.4	19.8	8.4	1.8				
-50	0.2	0.9	4.3	12.9	25.1	36.2	46.5	53.2	53.2	46.5	36.2	25.1	12.9	4.3	0.9	0.2			
-60		0.4	1.5	4.6	10.1	16.8	23.7	27.5	27.5	23.7	16.8	10.1	4.6	1.5	0.4				
-70	0.1	0.8		3.2		8.0		10.7		8.0		3.2		0.8		0.1			
-80		0.8		3.2		8.0		10.7		8.0		3.2		0.8					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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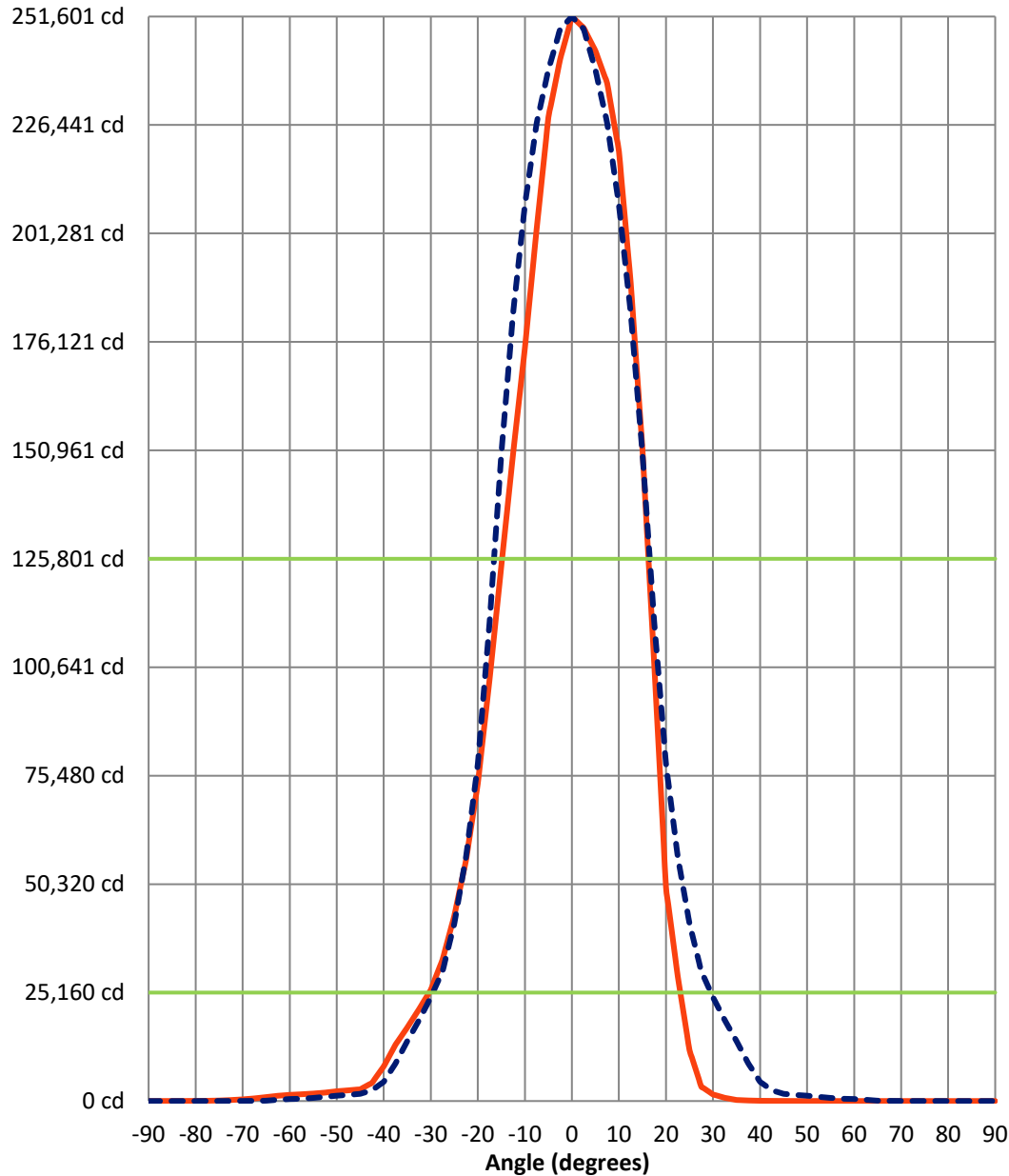
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 46852.5
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 75494.6
 Efficiency: 88.1%

Spill:
 Lumens: 10231.2
 Efficiency: 11.9%

- 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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	4.3	3.3	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2
85°	4.3	3.3	2.6	2.6	2.6	2.4	2.2	2.2	2.2	2.2	2.2
82.5°	4.3	3.4	2.8	2.8	2.8	2.6	2.2	2.2	2.2	2.3	2.2
80°	4.3	3.4	2.9	3.0	2.9	2.7	2.3	2.5	2.6	2.5	2.2
77.5°	4.3	3.5	3.1	3.2	3.1	2.9	2.8	3.0	3.0	2.8	2.5
75°	4.3	3.5	3.3	3.5	3.3	3.2	3.4	3.5	3.4	3.3	3.4
72.5°	4.3	3.6	3.5	3.7	3.5	3.6	3.9	4.0	3.7	3.8	4.2
70°	4.3	3.7	3.7	3.9	3.7	3.9	4.3	4.1	4.0	4.3	4.3
67.5°	4.3	3.7	3.8	4.0	3.9	4.2	4.3	4.2	4.3	4.3	4.3
65°	4.3	3.8	4.0	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3
62.5°	4.3	3.8	4.2	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3
60°	4.3	3.8	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3
57.5°	4.3	3.9	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
55°	4.3	3.9	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
52.5°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
50°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.6
47.5°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	7.1
45°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.5	8.5
42.5°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.5	6.7	10.3
40°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.6	5.0	7.9	12.1
37.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.8	6.2	9.3	14.0
35°	4.3	4.2	4.3	4.3	4.3	4.3	4.3	5.0	7.2	11.1	15.7
32.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.4	5.3	8.3	12.7	17.2
30°	4.3	4.2	4.3	4.3	4.3	4.3	4.6	5.8	9.3	14.2	19.1
27.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.8	6.6	10.3	15.7	21.4
25°	4.3	4.3	4.3	4.3	4.3	4.3	5.1	7.4	11.5	17.3	23.9
22.5°	4.3	4.3	4.3	4.3	4.3	4.3	5.4	8.1	12.6	19.2	29.0
20°	4.3	4.3	4.3	4.3	4.3	4.5	5.7	8.7	13.7	21.2	34.6
17.5°	4.3	4.3	4.3	4.3	4.3	4.7	6.0	9.3	14.6	23.2	40.4
15°	4.3	4.3	4.3	4.3	4.3	4.9	6.5	10.1	15.5	25.3	46.5
12.5°	4.3	4.3	4.3	4.3	4.3	5.2	6.9	11.0	16.9	27.4	52.7
10°	4.3	4.3	4.3	4.3	4.3	5.4	7.3	11.9	18.8	31.1	59.1
7.5°	4.3	4.3	4.3	4.3	4.3	5.7	7.7	12.8	20.8	34.9	65.8
5°	4.3	4.3	4.3	4.3	4.3	6.0	8.1	13.7	22.6	38.7	72.1
2.5°	4.3	4.3	4.3	4.3	4.3	6.2	8.4	14.5	24.4	42.3	77.7
0°	4.3	4.3	4.3	4.3	4.3	6.5	8.7	15.2	26.1	45.6	82.6
-2.5°	4.3	4.3	4.3	4.3	4.5	7.2	10.7	19.3	35.1	61.6	106.5
-5°	4.3	4.3	4.3	4.3	4.7	7.9	12.7	23.1	43.6	76.9	129.2
-7.5°	4.3	4.3	4.3	4.3	4.9	8.5	14.5	26.8	51.6	91.1	150.2
-10°	4.3	4.3	4.3	4.3	5.0	9.0	16.2	30.1	58.7	103.9	169.3
-12.5°	4.3	4.3	4.3	4.3	5.2	9.5	17.6	33.0	64.7	114.9	186.1
-15°	4.3	4.3	4.3	4.3	5.3	9.9	18.9	35.5	69.6	123.3	199.9
-17.5°	4.3	4.3	4.3	4.3	5.4	10.2	19.8	37.8	73.4	129.6	210.1
-20°	4.3	4.3	4.3	4.3	5.4	10.3	20.6	39.8	75.7	133.6	216.4



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 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.3	4.3	4.3	4.3	5.5	10.3	21.4	41.1	76.5	135.0	218.3
-25°	4.3	4.3	4.3	4.3	5.5	10.4	21.7	41.7	75.7	133.7	215.6
-27.5°	4.3	4.3	4.3	4.3	5.4	10.4	21.6	41.5	73.2	130.8	213.7
-30°	4.3	4.3	4.3	4.3	5.3	10.2	21.1	40.4	71.5	127.7	208.2
-32.5°	4.3	4.3	4.3	4.3	5.4	9.8	20.0	39.5	70.1	122.2	198.8
-35°	4.3	4.3	4.3	4.3	5.5	9.2	19.2	38.2	67.5	114.2	185.5
-37.5°	4.3	4.3	4.3	4.3	5.5	8.7	18.5	36.1	63.7	103.7	169.0
-40°	4.3	4.3	4.3	4.3	5.4	8.7	17.4	33.3	58.6	96.3	152.5
-42.5°	4.3	4.3	4.3	4.3	5.4	8.6	16.0	29.8	53.9	87.8	133.4
-45°	4.3	4.3	4.3	4.4	5.5	8.5	14.3	26.5	49.0	78.1	113.6
-47.5°	4.3	4.3	4.3	4.4	5.6	8.3	12.2	24.1	43.1	67.5	101.5
-50°	4.3	4.3	4.3	4.5	5.6	8.0	11.6	21.2	35.6	58.8	88.3
-52.5°	4.3	4.3	4.3	4.5	5.5	7.7	11.2	18.0	30.2	49.1	74.3
-55°	4.3	4.3	4.3	4.5	5.4	7.4	10.7	14.6	25.6	38.4	61.8
-57.5°	4.3	4.3	4.3	4.5	5.3	7.2	10.2	13.9	20.8	31.6	48.3
-60°	4.3	4.3	4.3	4.5	5.1	6.8	9.5	13.0	16.5	25.9	36.4
-62.5°	4.3	4.3	4.3	4.4	5.0	6.4	8.9	12.0	15.3	19.9	29.6
-65°	4.3	4.3	4.3	4.4	4.9	6.0	8.2	11.0	13.9	17.3	22.6
-67.5°	4.3	4.3	4.3	4.4	4.8	5.6	7.3	9.9	12.5	15.5	18.9
-70°	4.3	4.3	4.3	4.3	4.7	5.3	6.4	8.7	11.2	13.6	16.6
-72.5°	4.3	4.3	4.3	4.3	4.5	5.1	5.9	7.6	9.9	12.2	14.4
-75°	4.3	4.3	4.3	4.3	4.3	4.7	5.4	6.8	8.6	10.7	12.8
-77.5°	4.3	4.3	4.3	4.3	4.3	4.4	4.9	6.1	7.5	9.2	11.1
-80°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.3	6.5	7.9	9.4
-82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	6.5	7.6
-85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.6	5.0	5.5	6.1
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.2
-90°	4.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.6	2.8	3.0
80°	2.2	2.2	2.3	2.2	2.4	2.7	3.2	3.8	4.2	4.3	4.3
77.5°	2.7	2.8	2.6	2.3	2.6	3.1	3.6	4.2	4.3	4.3	4.3
75°	3.5	3.4	2.9	2.4	2.5	3.0	3.6	4.1	4.3	4.3	4.3
72.5°	4.0	3.5	3.0	2.5	2.9	3.6	4.0	4.3	5.3	6.6	7.4
70°	4.1	3.6	3.4	3.5	3.9	4.8	6.7	9.0	11.4	12.3	13.1
67.5°	4.2	3.9	4.0	4.5	6.1	8.2	10.9	14.3	17.7	18.9	20.2
65°	4.3	4.2	4.8	6.3	8.5	11.8	15.5	19.5	25.4	28.4	29.8
62.5°	4.3	4.6	5.8	8.1	11.7	15.6	20.6	27.1	34.9	40.0	39.8
60°	4.3	4.8	7.2	10.8	14.8	19.5	25.9	34.9	46.1	54.0	48.7
57.5°	4.3	5.8	9.3	13.3	17.7	22.9	31.8	42.8	53.1	63.8	54.6
55°	4.9	7.4	11.2	15.5	20.6	26.9	35.6	44.4	55.5	59.5	49.8
52.5°	6.6	9.1	12.9	17.8	24.1	29.1	33.8	41.6	45.9	47.7	41.0
50°	8.3	11.0	14.4	20.5	25.9	28.7	29.4	34.2	36.2	34.5	31.3
47.5°	10.1	12.9	16.5	22.5	26.1	27.4	26.4	27.3	27.2	26.9	22.6
45°	12.0	15.3	19.2	23.2	25.9	25.6	25.1	22.0	25.0	24.2	22.2
42.5°	14.0	17.6	21.4	24.1	24.8	26.1	25.9	26.9	27.0	28.2	30.4
40°	15.9	19.7	24.0	25.9	25.2	29.3	35.1	38.1	34.2	41.3	47.4
37.5°	17.6	22.4	28.0	32.4	29.9	38.7	48.3	63.5	65.7	61.1	78.0
35°	19.1	25.4	37.1	47.4	50.0	54.1	80.9	105.3	120.4	111.5	124.4
32.5°	21.3	28.7	49.6	72.1	90.0	95.0	123.1	174.2	204.0	209.1	200.7
30°	25.1	40.4	68.3	103.2	143.1	178.9	203.6	262.0	310.8	364.0	395.6
27.5°	30.6	55.5	98.2	152.4	212.5	279.4	335.0	380.1	469.3	559.8	637.6
25°	37.1	86.3	132.4	213.8	309.4	401.7	479.0	548.2	665.7	806.9	1043.2
22.5°	53.2	125.8	189.5	282.9	417.1	534.0	638.3	745.7	889.2	1079.5	1573.7
20°	82.0	175.0	254.7	354.1	528.3	671.9	804.3	939.4	1119.1	1517.6	2602.0
17.5°	115.2	226.4	317.3	432.5	611.2	793.8	975.4	1124.2	1341.9	1930.1	3734.3
15°	151.6	279.3	373.9	504.3	689.7	888.4	1091.3	1304.4	1636.3	2479.8	4809.0
12.5°	190.1	332.9	425.0	569.4	763.4	978.3	1184.3	1415.0	1902.0	3313.8	6176.4
10°	229.4	386.1	471.0	628.0	831.8	1062.8	1267.3	1508.1	2110.2	3847.5	7131.3
7.5°	254.5	423.9	508.6	680.1	894.3	1140.7	1340.7	1584.9	2286.6	4186.3	7798.7
5°	273.4	443.3	520.9	703.5	935.4	1197.5	1397.5	1646.5	2428.7	4352.0	8259.9
2.5°	287.9	458.4	531.0	717.6	960.4	1224.1	1414.5	1669.7	2487.6	4452.1	8579.5
0°	297.7	469.4	538.9	725.8	977.8	1240.8	1423.3	1681.9	2496.7	4480.7	8735.3
-2.5°	314.0	478.0	555.1	740.4	987.0	1246.1	1430.6	1691.4	2533.2	4614.6	8973.4
-5°	326.0	483.0	568.9	749.4	988.4	1242.2	1430.6	1689.1	2512.1	4568.1	8673.0
-7.5°	334.1	485.2	579.8	752.4	975.2	1215.0	1401.5	1640.9	2380.3	4274.3	7857.3
-10°	340.0	492.2	593.5	747.9	946.4	1170.8	1360.4	1582.4	2210.5	3861.5	6912.2
-12.5°	349.1	503.8	607.0	741.2	916.2	1120.0	1312.6	1514.6	2004.6	3330.0	5843.8
-15°	353.8	513.3	619.4	733.4	886.5	1063.7	1258.6	1438.1	1773.9	2688.5	4657.7
-17.5°	353.8	521.3	631.2	725.5	859.1	1002.5	1204.5	1382.6	1611.3	2294.1	3830.9
-20°	349.4	527.9	642.6	718.3	836.4	964.6	1160.3	1343.4	1544.8	1998.7	3010.7



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	340.4	533.6	650.0	724.1	828.1	948.8	1109.8	1296.6	1475.8	1683.2	2384.5
-25°	334.4	519.4	651.0	729.8	819.4	932.0	1055.3	1241.5	1411.3	1611.0	2054.6
-27.5°	330.5	499.7	639.1	731.2	808.5	915.6	1023.9	1176.7	1361.9	1547.5	1750.3
-30°	320.2	464.0	622.5	724.5	804.1	900.5	1002.6	1117.7	1305.1	1485.1	1671.9
-32.5°	299.9	426.5	585.9	702.7	796.9	883.8	980.9	1084.6	1232.8	1418.5	1590.1
-35°	276.3	397.5	540.6	675.3	782.8	867.3	956.1	1054.0	1163.1	1331.7	1522.6
-37.5°	254.4	363.7	494.2	634.9	747.7	850.1	927.5	1020.3	1121.8	1238.0	1428.6
-40°	228.4	325.2	450.5	583.1	709.6	821.8	909.0	983.4	1077.1	1195.5	1313.6
-42.5°	199.4	292.0	403.5	529.9	655.1	774.7	887.6	960.2	1043.0	1153.3	1266.4
-45°	175.5	254.3	353.2	470.2	590.7	715.5	830.2	943.5	1022.9	1111.3	1218.8
-47.5°	148.8	215.5	306.0	405.7	520.6	639.2	762.1	879.8	1000.9	1085.7	1169.9
-50°	123.2	182.4	253.6	345.3	445.5	557.3	672.8	802.1	924.1	1042.2	1139.9
-52.5°	107.0	146.3	210.2	284.2	373.3	470.5	580.8	700.3	826.1	951.4	1058.8
-55°	89.5	122.6	166.6	229.9	302.6	388.0	482.8	592.2	706.3	826.3	940.0
-57.5°	72.7	101.3	133.9	178.2	239.8	307.1	389.3	479.4	581.8	688.1	783.1
-60°	55.8	80.1	108.1	140.2	179.3	237.0	296.0	370.5	455.6	541.4	624.3
-62.5°	39.6	59.4	82.8	109.3	140.1	171.3	218.4	272.9	329.4	399.0	467.7
-65°	31.7	41.1	58.4	80.5	104.1	131.1	159.1	187.7	233.8	279.9	323.9
-67.5°	23.4	31.7	40.5	52.1	72.2	92.3	114.0	139.0	164.1	187.6	215.7
-70°	19.8	22.8	29.5	37.6	45.4	54.9	72.4	91.3	110.7	129.1	148.7
-72.5°	17.1	19.9	22.6	25.4	31.5	37.5	43.0	48.0	59.1	74.5	89.4
-75°	14.7	16.9	19.4	21.9	23.9	25.7	28.1	32.8	37.5	42.0	46.1
-77.5°	12.4	13.9	15.8	18.1	19.8	21.1	22.5	24.0	26.0	28.4	30.7
-80°	10.2	10.9	12.0	13.3	14.9	16.2	17.4	18.4	19.6	21.1	22.8
-82.5°	8.2	8.7	9.2	9.7	10.5	11.5	12.6	13.7	14.5	15.2	16.1
-85°	6.3	6.5	6.8	7.1	7.6	8.0	8.6	9.2	9.9	10.5	11.0
-87.5°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	6.3	6.8	7.3
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.3	4.9	5.4	6.0	6.5	7.1	7.6	8.2	8.7	8.7	8.7
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	3.2	3.1	2.9	2.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	4.3	4.0	3.8	3.6	3.5	3.3	3.0	2.7	2.2	2.2	2.2
77.5°	4.3	4.3	4.3	4.3	4.3	3.9	3.3	2.8	2.3	2.2	2.2
75°	4.3	4.5	4.8	4.8	4.4	4.1	4.0	3.9	3.9	3.6	3.2
72.5°	7.8	7.7	7.3	7.3	7.0	7.0	7.0	6.7	6.2	6.1	6.2
70°	13.8	14.3	14.3	13.8	12.5	11.1	10.3	9.4	8.5	8.0	7.6
67.5°	21.4	21.6	20.4	18.4	15.4	12.6	11.5	10.4	9.2	8.9	9.4
65°	29.7	27.0	23.7	20.2	16.4	12.8	11.9	11.1	10.5	10.6	11.4
62.5°	36.6	29.6	23.8	19.7	16.1	12.8	11.8	10.9	10.0	9.4	9.2
60°	40.5	29.8	21.4	17.7	14.4	11.4	10.1	9.4	8.9	8.7	8.7
57.5°	40.6	28.1	18.7	15.3	12.3	9.7	8.7	8.7	8.7	8.7	8.7
55°	36.1	24.6	15.9	13.2	11.2	9.6	8.8	9.1	9.0	8.7	9.2
52.5°	28.3	20.3	14.8	12.3	11.4	10.9	10.7	10.6	10.4	10.1	10.5
50°	22.5	16.9	14.3	12.8	12.8	12.8	12.8	13.0	13.3	13.5	13.6
47.5°	18.8	15.8	16.1	14.9	15.4	16.8	17.1	17.3	17.9	18.0	17.6
45°	19.3	22.4	23.0	22.7	22.4	25.5	25.4	23.2	26.0	26.9	26.2
42.5°	31.9	34.6	36.4	38.0	39.9	42.3	43.6	42.9	45.4	45.4	42.5
40°	54.0	51.5	55.5	60.5	64.9	66.6	70.7	74.9	76.5	75.6	72.8
37.5°	88.5	84.7	85.1	96.1	106.3	94.3	112.0	119.0	114.6	130.4	133.5
35°	147.1	162.7	140.3	179.8	199.5	189.9	211.0	252.9	220.5	279.8	294.2
32.5°	261.5	298.9	322.3	355.8	405.0	469.7	486.0	589.2	622.2	670.0	721.5
30°	427.3	532.9	727.3	763.5	810.4	1033.5	1094.8	1150.9	1268.3	1358.9	1512.7
27.5°	776.5	1061.1	1467.7	1825.5	1799.3	2176.7	2596.6	2126.3	2824.1	2544.1	3213.5
25°	1454.1	2081.7	3061.7	4010.0	4462.6	5231.6	6193.3	6011.2	7280.1	7368.1	9239.7
22.5°	2765.7	4129.0	5627.6	7239.7	8803.6	10534.3	12197.4	13940.9	16562.1	20183.7	23703.6
20°	4525.2	6529.5	8950.0	11446.1	14093.1	16784.7	19911.9	25207.5	30637.2	38174.2	43498.8
17.5°	6431.6	9621.7	12593.0	15685.6	19386.1	23860.2	30328.8	39377.4	50352.9	61619.5	70335.3
15°	8096.9	11705.7	15988.6	20111.6	24713.2	31428.9	41588.5	54991.4	71313.3	88440.9	109152.3
12.5°	9708.2	13477.8	18132.1	23347.1	29600.2	39212.3	52381.6	70494.2	92116.8	117854.4	144455.7
10°	10958.6	15094.8	20275.0	26148.0	33780.1	45585.8	60889.4	82273.8	114315.2	144698.2	175075.0
7.5°	11935.8	16588.7	22075.9	28239.8	37126.4	50419.6	68729.1	95648.2	129502.6	162376.0	190355.2
5°	12804.3	17817.2	23296.0	29418.7	39535.3	53936.7	73653.4	104396.1	140523.2	172831.4	199456.1
2.5°	13488.4	18620.4	23966.2	30009.2	41086.1	55878.2	76250.3	109090.7	147626.9	179523.7	204946.6
0°	13902.6	18763.6	24078.6	30134.7	41203.8	56757.9	78276.8	111145.1	150160.7	182798.6	207803.0
-2.5°	13754.2	18442.8	23714.3	29766.1	40815.2	55933.5	76646.8	110104.1	148013.6	178549.5	203697.3
-5°	13014.9	17393.1	22288.1	27982.2	38237.1	52801.6	72026.2	102535.6	138168.9	168652.9	192317.1
-7.5°	11849.2	15926.3	20420.3	25691.6	34559.7	47720.7	65239.3	91202.6	123550.7	151678.1	173033.8
-10°	10545.1	14225.7	18119.4	22788.3	29720.1	40891.5	55520.9	75345.7	103088.8	128378.7	148570.8
-12.5°	8977.6	12039.7	15312.8	19339.2	24593.1	33700.5	46000.3	62082.2	81371.9	103876.5	122259.3
-15°	7348.5	9922.8	12632.0	16408.8	20889.7	26691.1	35532.3	48317.3	62635.7	78006.6	94685.7
-17.5°	5901.0	8080.6	10953.1	14134.1	17549.3	21586.4	28896.5	37609.5	47971.8	58935.5	69001.7
-20°	4740.3	7052.0	9632.5	12398.9	15536.8	19418.9	23909.6	30529.2	38213.7	46629.9	54693.7



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3899.5	5972.5	8368.9	10963.8	14138.4	17633.1	21270.0	25424.4	30939.0	37409.6	43604.4
-25°	2970.0	4702.4	7026.9	9644.0	12568.5	15650.4	18602.5	21989.0	26020.5	30230.6	34568.4
-27.5°	2354.2	3577.1	5485.8	7943.3	10649.4	13062.3	15591.6	18411.5	21937.0	25599.9	28013.4
-30°	1921.5	2637.4	4070.2	5990.4	8251.9	10381.3	12458.0	14992.3	17759.9	20388.8	22522.5
-32.5°	1795.0	2115.3	2856.7	4225.1	5923.7	7824.3	9688.6	11950.9	14098.9	16179.3	18013.7
-35°	1705.7	1910.5	2190.1	2904.0	3927.2	5471.7	7175.1	9089.5	11028.2	12708.7	14264.6
-37.5°	1622.5	1800.2	1985.3	2169.5	2745.5	3452.4	4652.0	6166.2	7636.8	8996.8	10336.1
-40°	1503.8	1698.6	1848.1	2005.6	2176.9	2371.5	2999.3	3618.0	4337.9	5380.8	6294.5
-42.5°	1377.8	1540.1	1710.5	1857.9	2001.2	2150.7	2309.0	2466.3	2795.3	3204.5	3539.6
-45°	1325.2	1422.8	1539.8	1693.8	1837.8	1972.2	2100.9	2225.4	2356.9	2477.0	2575.0
-47.5°	1262.2	1351.0	1445.7	1546.0	1651.8	1781.5	1908.9	2035.6	2150.7	2257.6	2343.0
-50°	1204.0	1273.8	1358.4	1443.8	1528.3	1615.3	1703.2	1801.1	1911.0	2019.3	2108.3
-52.5°	1156.5	1220.4	1280.9	1341.4	1414.9	1488.7	1562.6	1640.5	1715.5	1786.5	1841.9
-55°	1041.0	1131.0	1219.6	1276.7	1326.2	1376.4	1432.3	1502.1	1568.7	1631.7	1668.8
-57.5°	883.7	988.0	1083.7	1151.2	1220.3	1290.2	1347.9	1397.8	1448.1	1496.2	1522.4
-60°	708.8	794.4	881.1	961.6	1038.4	1110.9	1178.2	1243.7	1304.3	1355.4	1386.3
-62.5°	535.7	606.8	677.2	744.4	809.1	872.1	943.8	1013.0	1078.7	1132.4	1165.4
-65°	373.0	431.2	485.8	538.1	588.3	641.9	697.7	751.9	804.0	845.3	872.3
-67.5°	253.7	289.6	322.1	353.2	391.3	432.6	473.5	511.5	546.4	573.2	592.3
-70°	168.5	187.7	204.9	225.0	249.9	275.0	300.4	323.9	345.3	361.3	373.4
-72.5°	103.7	117.0	129.4	142.9	155.6	168.8	182.6	196.1	209.1	218.5	225.6
-75°	49.9	56.1	67.0	77.0	86.0	94.4	102.0	108.6	114.4	118.1	120.5
-77.5°	34.0	36.8	39.5	42.3	45.0	48.4	51.8	55.1	58.3	60.7	62.9
-80°	24.5	26.0	27.3	28.3	29.3	30.7	32.3	33.8	35.3	35.9	36.3
-82.5°	16.9	18.1	19.2	20.3	21.4	22.4	23.4	24.3	25.2	25.9	26.7
-85°	11.4	12.0	12.6	13.3	14.0	14.7	15.5	16.2	16.9	17.1	17.2
-87.5°	7.9	8.1	8.3	8.4	8.5	9.1	9.7	10.2	10.8	10.8	10.9
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.1



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.2
87.5°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.7
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.8
75°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.6	3.9	3.9
72.5°	6.3	6.4	5.4	4.3	5.4	6.4	6.3	6.2	6.1	6.2	6.7
70°	7.1	6.6	6.5	6.5	6.5	6.6	7.1	7.6	8.0	8.5	9.4
67.5°	10.0	10.7	10.9	10.9	10.9	10.7	10.0	9.4	8.9	9.2	10.4
65°	12.1	12.8	12.0	10.9	12.0	12.8	12.1	11.4	10.6	10.5	11.1
62.5°	9.1	8.9	8.7	8.7	8.7	8.9	9.1	9.2	9.4	10.0	10.9
60°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.9	9.4
57.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
55°	9.8	10.5	10.9	10.9	10.9	10.5	9.8	9.2	8.7	9.0	9.1
52.5°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.5	10.1	10.4	10.6
50°	13.5	13.2	13.0	13.0	13.0	13.2	13.5	13.6	13.5	13.3	13.0
47.5°	16.9	15.8	15.2	15.2	15.2	15.8	16.9	17.6	18.0	17.9	17.3
45°	26.4	26.0	25.9	26.1	25.9	26.0	26.4	26.2	26.9	26.0	23.2
42.5°	44.1	44.8	44.0	41.3	44.0	44.8	44.1	42.5	45.4	45.4	42.9
40°	72.9	70.1	66.3	65.2	66.3	70.1	72.9	72.8	75.6	76.5	74.9
37.5°	135.2	135.1	132.0	130.4	132.0	135.1	135.2	133.5	130.4	114.6	119.0
35°	284.4	282.2	266.7	252.1	266.7	282.2	284.4	294.2	279.8	220.5	252.9
32.5°	738.9	778.1	774.4	751.8	774.4	778.1	738.9	721.5	670.0	622.2	589.2
30°	1571.9	1642.0	1627.2	1534.1	1627.2	1642.0	1571.9	1512.7	1358.9	1268.3	1150.9
27.5°	3249.0	3413.2	3557.9	3368.1	3557.9	3413.2	3249.0	3213.5	2544.1	2824.1	2126.3
25°	11113.5	12182.2	12814.5	11831.8	12814.5	12182.2	11113.5	9239.7	7368.1	7280.1	6011.2
22.5°	26523.3	27855.2	28565.9	28972.2	28565.9	27855.2	26523.3	23703.6	20183.7	16562.1	13940.9
20°	48652.8	51500.8	53325.2	49650.1	53325.2	51500.8	48652.8	43498.8	38174.2	30637.2	25207.5
17.5°	82426.3	92929.9	98460.0	101464.5	98460.0	92929.9	82426.3	70335.3	61619.5	50352.9	39377.4
15°	125136.2	138575.3	147650.7	151203.7	147650.7	138575.3	125136.2	109152.3	88440.9	71313.3	54991.4
12.5°	165518.7	179385.9	187759.4	189864.1	187759.4	179385.9	165518.7	144455.7	117854.4	92116.8	70494.2
10°	194241.7	207307.7	216940.1	220321.5	216940.1	207307.7	194241.7	175075.0	144698.2	114315.2	82273.8
7.5°	210231.8	225505.2	233994.7	236108.1	233994.7	225505.2	210231.8	190355.2	162376.0	129502.6	95648.2
5°	219434.5	233234.2	242514.3	243639.6	242514.3	233234.2	219434.5	199456.1	172831.4	140523.2	104396.1
2.5°	225368.1	238863.9	246671.8	248966.6	246671.8	238863.9	225368.1	204946.6	179523.7	147626.9	109090.7
0°	226824.1	239232.8	248665.6	251601.3	248665.6	239232.8	226824.1	207803.0	182798.6	150160.7	111145.1
-2.5°	222415.5	234386.1	240669.5	241688.3	240669.5	234386.1	222415.5	203697.3	178549.5	148013.6	110104.1
-5°	211157.3	220010.3	227264.0	228191.9	227264.0	220010.3	211157.3	192317.1	168652.9	138168.9	102535.6
-7.5°	187242.9	197174.1	201186.0	202271.7	201186.0	197174.1	187242.9	173033.8	151678.1	123550.7	91202.6
-10°	161798.3	170306.2	173148.4	174682.6	173148.4	170306.2	161798.3	148570.8	128378.7	103088.8	75345.7
-12.5°	136888.0	145207.4	148002.9	150223.7	148002.9	145207.4	136888.0	122259.3	103876.5	81371.9	62082.2
-15°	108978.0	117170.4	121686.9	124187.2	121686.9	117170.4	108978.0	94685.7	78006.6	62635.7	48317.3
-17.5°	81776.8	89557.2	94814.0	97872.6	94814.0	89557.2	81776.8	69001.7	58935.5	47971.8	37609.5
-20°	62006.2	67272.0	71317.3	73717.9	71317.3	67272.0	62006.2	54693.7	46629.9	38213.7	30529.2



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	48436.1	52083.2	54426.7	55960.4	54426.7	52083.2	48436.1	43604.4	37409.6	30939.0	25424.4
-25°	37855.7	40249.3	41764.8	43005.2	41764.8	40249.3	37855.7	34568.4	30230.6	26020.5	21989.0
-27.5°	29973.7	31257.0	31926.9	32837.9	31926.9	31257.0	29973.7	28013.4	25599.9	21937.0	18411.5
-30°	24095.8	25080.6	25613.0	25810.5	25613.0	25080.6	24095.8	22522.5	20388.8	17759.9	14992.3
-32.5°	19393.1	20323.4	20995.3	21310.3	20995.3	20323.4	19393.1	18013.7	16179.3	14098.9	11950.9
-35°	15471.9	16248.0	16777.7	17068.7	16777.7	16248.0	15471.9	14264.6	12708.7	11028.2	9089.5
-37.5°	11445.1	12296.7	12879.8	13079.1	12879.8	12296.7	11445.1	10336.1	8996.8	7636.8	6166.2
-40°	7022.0	7564.5	7914.6	8061.7	7914.6	7564.5	7022.0	6294.5	5380.8	4337.9	3618.0
-42.5°	3800.9	4000.1	4138.3	4217.7	4138.3	4000.1	3800.9	3539.6	3204.5	2795.3	2466.3
-45°	2638.5	2688.9	2720.8	2733.6	2720.8	2688.9	2638.5	2575.0	2477.0	2356.9	2225.4
-47.5°	2405.4	2459.8	2488.8	2490.2	2488.8	2459.8	2405.4	2343.0	2257.6	2150.7	2035.6
-50°	2178.7	2238.0	2267.9	2270.8	2267.9	2238.0	2178.7	2108.3	2019.3	1911.0	1801.1
-52.5°	1892.2	1939.2	1959.6	1957.8	1959.6	1939.2	1892.2	1841.9	1786.5	1715.5	1640.5
-55°	1701.0	1729.0	1741.5	1742.7	1741.5	1729.0	1701.0	1668.8	1631.7	1568.7	1502.1
-57.5°	1546.0	1566.7	1574.0	1573.2	1574.0	1566.7	1546.0	1522.4	1496.2	1448.1	1397.8
-60°	1413.3	1435.8	1442.0	1438.5	1442.0	1435.8	1413.3	1386.3	1355.4	1304.3	1243.7
-62.5°	1192.4	1213.0	1223.3	1225.6	1223.3	1213.0	1192.4	1165.4	1132.4	1078.7	1013.0
-65°	893.7	909.2	917.3	919.2	917.3	909.2	893.7	872.3	845.3	804.0	751.9
-67.5°	607.0	617.5	620.7	619.3	620.7	617.5	607.0	592.3	573.2	546.4	511.5
-70°	383.1	390.4	392.2	391.1	392.2	390.4	383.1	373.4	361.3	345.3	323.9
-72.5°	231.4	235.8	236.2	234.7	236.2	235.8	231.4	225.6	218.5	209.1	196.1
-75°	122.0	122.7	122.5	121.7	122.5	122.7	122.0	120.5	118.1	114.4	108.6
-77.5°	64.9	66.8	66.2	65.2	66.2	66.8	64.9	62.9	60.7	58.3	55.1
-80°	36.6	36.8	36.9	36.9	36.9	36.8	36.6	36.3	35.9	35.3	33.8
-82.5°	27.4	28.1	27.1	26.1	27.1	28.1	27.4	26.7	25.9	25.2	24.3
-85°	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.2	17.1	16.9	16.2
-87.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.2
-90°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.6	7.1	6.5	6.0	5.4	4.9	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.6	2.9	3.1	3.2	3.0	2.8	2.6	2.4
80°	3.0	3.3	3.5	3.6	3.8	4.0	4.3	4.3	4.3	4.2	3.8
77.5°	3.3	3.9	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2
75°	4.0	4.1	4.4	4.8	4.8	4.5	4.3	4.3	4.3	4.3	4.1
72.5°	7.0	7.0	7.0	7.3	7.3	7.7	7.8	7.4	6.6	5.3	4.3
70°	10.3	11.1	12.5	13.8	14.3	14.3	13.8	13.1	12.3	11.4	9.0
67.5°	11.5	12.6	15.4	18.4	20.4	21.6	21.4	20.2	18.9	17.7	14.3
65°	11.9	12.8	16.4	20.2	23.7	27.0	29.7	29.8	28.4	25.4	19.5
62.5°	11.8	12.8	16.1	19.7	23.8	29.6	36.6	39.8	40.0	34.9	27.1
60°	10.1	11.4	14.4	17.7	21.4	29.8	40.5	48.7	54.0	46.1	34.9
57.5°	8.7	9.7	12.3	15.3	18.7	28.1	40.6	54.6	63.8	53.1	42.8
55°	8.8	9.6	11.2	13.2	15.9	24.6	36.1	49.8	59.5	55.5	44.4
52.5°	10.7	10.9	11.4	12.3	14.8	20.3	28.3	41.0	47.7	45.9	41.6
50°	12.8	12.8	12.8	12.8	14.3	16.9	22.5	31.3	34.5	36.2	34.2
47.5°	17.1	16.8	15.4	14.9	16.1	15.8	18.8	22.6	26.9	27.2	27.3
45°	25.4	25.5	22.4	22.7	23.0	22.4	19.3	22.2	24.2	25.0	22.0
42.5°	43.6	42.3	39.9	38.0	36.4	34.6	31.9	30.4	28.2	27.0	26.9
40°	70.7	66.6	64.9	60.5	55.5	51.5	54.0	47.4	41.3	34.2	38.1
37.5°	112.0	94.3	106.3	96.1	85.1	84.7	88.5	78.0	61.1	65.7	63.5
35°	211.0	189.9	199.5	179.8	140.3	162.7	147.1	124.4	111.5	120.4	105.3
32.5°	486.0	469.7	405.0	355.8	322.3	298.9	261.5	200.7	209.1	204.0	174.2
30°	1094.8	1033.5	810.4	763.5	727.3	532.9	427.3	395.6	364.0	310.8	262.0
27.5°	2596.6	2176.7	1799.3	1825.5	1467.7	1061.1	776.5	637.6	559.8	469.3	380.1
25°	6193.3	5231.6	4462.6	4010.0	3061.7	2081.7	1454.1	1043.2	806.9	665.7	548.2
22.5°	12197.4	10534.3	8803.6	7239.7	5627.6	4129.0	2765.7	1573.7	1079.5	889.2	745.7
20°	19911.9	16784.7	14093.1	11446.1	8950.0	6529.5	4525.2	2602.0	1517.6	1119.1	939.4
17.5°	30328.8	23860.2	19386.1	15685.6	12593.0	9621.7	6431.6	3734.3	1930.1	1341.9	1124.2
15°	41588.5	31428.9	24713.2	20111.6	15988.6	11705.7	8096.9	4809.0	2479.8	1636.3	1304.4
12.5°	52381.6	39212.3	29600.2	23347.1	18132.1	13477.8	9708.2	6176.4	3313.8	1902.0	1415.0
10°	60889.4	45585.8	33780.1	26148.0	20275.0	15094.8	10958.6	7131.3	3847.5	2110.2	1508.1
7.5°	68729.1	50419.6	37126.4	28239.8	22075.9	16588.7	11935.8	7798.7	4186.3	2286.6	1584.9
5°	73653.4	53936.7	39535.3	29418.7	23296.0	17817.2	12804.3	8259.9	4352.0	2428.7	1646.5
2.5°	76250.3	55878.2	41086.1	30009.2	23966.2	18620.4	13488.4	8579.5	4452.1	2487.6	1669.7
0°	78276.8	56757.9	41203.8	30134.7	24078.6	18763.6	13902.6	8735.3	4480.7	2496.7	1681.9
-2.5°	76646.8	55933.5	40815.2	29766.1	23714.3	18442.8	13754.2	8973.4	4614.6	2533.2	1691.4
-5°	72026.2	52801.6	38237.1	27982.2	22288.1	17393.1	13014.9	8673.0	4568.1	2512.1	1689.1
-7.5°	65239.3	47720.7	34559.7	25691.6	20420.3	15926.3	11849.2	7857.3	4274.3	2380.3	1640.9
-10°	55520.9	40891.5	29720.1	22788.3	18119.4	14225.7	10545.1	6912.2	3861.5	2210.5	1582.4
-12.5°	46000.3	33700.5	24593.1	19339.2	15312.8	12039.7	8977.6	5843.8	3330.0	2004.6	1514.6
-15°	35532.3	26691.1	20889.7	16408.8	12632.0	9922.8	7348.5	4657.7	2688.5	1773.9	1438.1
-17.5°	28896.5	21586.4	17549.3	14134.1	10953.1	8080.6	5901.0	3830.9	2294.1	1611.3	1382.6
-20°	23909.6	19418.9	15536.8	12398.9	9632.5	7052.0	4740.3	3010.7	1998.7	1544.8	1343.4



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21270.0	17633.1	14138.4	10963.8	8368.9	5972.5	3899.5	2384.5	1683.2	1475.8	1296.6
-25°	18602.5	15650.4	12568.5	9644.0	7026.9	4702.4	2970.0	2054.6	1611.0	1411.3	1241.5
-27.5°	15591.6	13062.3	10649.4	7943.3	5485.8	3577.1	2354.2	1750.3	1547.5	1361.9	1176.7
-30°	12458.0	10381.3	8251.9	5990.4	4070.2	2637.4	1921.5	1671.9	1485.1	1305.1	1117.7
-32.5°	9688.6	7824.3	5923.7	4225.1	2856.7	2115.3	1795.0	1590.1	1418.5	1232.8	1084.6
-35°	7175.1	5471.7	3927.2	2904.0	2190.1	1910.5	1705.7	1522.6	1331.7	1163.1	1054.0
-37.5°	4652.0	3452.4	2745.5	2169.5	1985.3	1800.2	1622.5	1428.6	1238.0	1121.8	1020.3
-40°	2999.3	2371.5	2176.9	2005.6	1848.1	1698.6	1503.8	1313.6	1195.5	1077.1	983.4
-42.5°	2309.0	2150.7	2001.2	1857.9	1710.5	1540.1	1377.8	1266.4	1153.3	1043.0	960.2
-45°	2100.9	1972.2	1837.8	1693.8	1539.8	1422.8	1325.2	1218.8	1111.3	1022.9	943.5
-47.5°	1908.9	1781.5	1651.8	1546.0	1445.7	1351.0	1262.2	1169.9	1085.7	1000.9	879.8
-50°	1703.2	1615.3	1528.3	1443.8	1358.4	1273.8	1204.0	1139.9	1042.2	924.1	802.1
-52.5°	1562.6	1488.7	1414.9	1341.4	1280.9	1220.4	1156.5	1058.8	951.4	826.1	700.3
-55°	1432.3	1376.4	1326.2	1276.7	1219.6	1131.0	1041.0	940.0	826.3	706.3	592.2
-57.5°	1347.9	1290.2	1220.3	1151.2	1083.7	988.0	883.7	783.1	688.1	581.8	479.4
-60°	1178.2	1110.9	1038.4	961.6	881.1	794.4	708.8	624.3	541.4	455.6	370.5
-62.5°	943.8	872.1	809.1	744.4	677.2	606.8	535.7	467.7	399.0	329.4	272.9
-65°	697.7	641.9	588.3	538.1	485.8	431.2	373.0	323.9	279.9	233.8	187.7
-67.5°	473.5	432.6	391.3	353.2	322.1	289.6	253.7	215.7	187.6	164.1	139.0
-70°	300.4	275.0	249.9	225.0	204.9	187.7	168.5	148.7	129.1	110.7	91.3
-72.5°	182.6	168.8	155.6	142.9	129.4	117.0	103.7	89.4	74.5	59.1	48.0
-75°	102.0	94.4	86.0	77.0	67.0	56.1	49.9	46.1	42.0	37.5	32.8
-77.5°	51.8	48.4	45.0	42.3	39.5	36.8	34.0	30.7	28.4	26.0	24.0
-80°	32.3	30.7	29.3	28.3	27.3	26.0	24.5	22.8	21.1	19.6	18.4
-82.5°	23.4	22.4	21.4	20.3	19.2	18.1	16.9	16.1	15.2	14.5	13.7
-85°	15.5	14.7	14.0	13.3	12.6	12.0	11.4	11.0	10.5	9.9	9.2
-87.5°	9.7	9.1	8.5	8.4	8.3	8.1	7.9	7.3	6.8	6.3	5.9
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2
80°	3.2	2.7	2.4	2.2	2.3	2.2	2.2	2.2	2.5	2.6	2.5
77.5°	3.6	3.1	2.6	2.3	2.6	2.8	2.7	2.5	2.8	3.0	3.0
75°	3.6	3.0	2.5	2.4	2.9	3.4	3.5	3.4	3.3	3.4	3.5
72.5°	4.0	3.6	2.9	2.5	3.0	3.5	4.0	4.2	3.8	3.7	4.0
70°	6.7	4.8	3.9	3.5	3.4	3.6	4.1	4.3	4.3	4.0	4.1
67.5°	10.9	8.2	6.1	4.5	4.0	3.9	4.2	4.3	4.3	4.3	4.2
65°	15.5	11.8	8.5	6.3	4.8	4.2	4.3	4.3	4.3	4.3	4.3
62.5°	20.6	15.6	11.7	8.1	5.8	4.6	4.3	4.3	4.3	4.3	4.3
60°	25.9	19.5	14.8	10.8	7.2	4.8	4.3	4.3	4.3	4.3	4.3
57.5°	31.8	22.9	17.7	13.3	9.3	5.8	4.3	4.3	4.3	4.3	4.3
55°	35.6	26.9	20.6	15.5	11.2	7.4	4.9	4.3	4.3	4.3	4.3
52.5°	33.8	29.1	24.1	17.8	12.9	9.1	6.6	4.3	4.3	4.3	4.3
50°	29.4	28.7	25.9	20.5	14.4	11.0	8.3	5.6	4.3	4.3	4.3
47.5°	26.4	27.4	26.1	22.5	16.5	12.9	10.1	7.1	4.3	4.3	4.3
45°	25.1	25.6	25.9	23.2	19.2	15.3	12.0	8.5	5.5	4.4	4.3
42.5°	25.9	26.1	24.8	24.1	21.4	17.6	14.0	10.3	6.7	4.5	4.4
40°	35.1	29.3	25.2	25.9	24.0	19.7	15.9	12.1	7.9	5.0	4.6
37.5°	48.3	38.7	29.9	32.4	28.0	22.4	17.6	14.0	9.3	6.2	4.8
35°	80.9	54.1	50.0	47.4	37.1	25.4	19.1	15.7	11.1	7.2	5.0
32.5°	123.1	95.0	90.0	72.1	49.6	28.7	21.3	17.2	12.7	8.3	5.3
30°	203.6	178.9	143.1	103.2	68.3	40.4	25.1	19.1	14.2	9.3	5.8
27.5°	335.0	279.4	212.5	152.4	98.2	55.5	30.6	21.4	15.7	10.3	6.6
25°	479.0	401.7	309.4	213.8	132.4	86.3	37.1	23.9	17.3	11.5	7.4
22.5°	638.3	534.0	417.1	282.9	189.5	125.8	53.2	29.0	19.2	12.6	8.1
20°	804.3	671.9	528.3	354.1	254.7	175.0	82.0	34.6	21.2	13.7	8.7
17.5°	975.4	793.8	611.2	432.5	317.3	226.4	115.2	40.4	23.2	14.6	9.3
15°	1091.3	888.4	689.7	504.3	373.9	279.3	151.6	46.5	25.3	15.5	10.1
12.5°	1184.3	978.3	763.4	569.4	425.0	332.9	190.1	52.7	27.4	16.9	11.0
10°	1267.3	1062.8	831.8	628.0	471.0	386.1	229.4	59.1	31.1	18.8	11.9
7.5°	1340.7	1140.7	894.3	680.1	508.6	423.9	254.5	65.8	34.9	20.8	12.8
5°	1397.5	1197.5	935.4	703.5	520.9	443.3	273.4	72.1	38.7	22.6	13.7
2.5°	1414.5	1224.1	960.4	717.6	531.0	458.4	287.9	77.7	42.3	24.4	14.5
0°	1423.3	1240.8	977.8	725.8	538.9	469.4	297.7	82.6	45.6	26.1	15.2
-2.5°	1430.6	1246.1	987.0	740.4	555.1	478.0	314.0	106.5	61.6	35.1	19.3
-5°	1430.6	1242.2	988.4	749.4	568.9	483.0	326.0	129.2	76.9	43.6	23.1
-7.5°	1401.5	1215.0	975.2	752.4	579.8	485.2	334.1	150.2	91.1	51.6	26.8
-10°	1360.4	1170.8	946.4	747.9	593.5	492.2	340.0	169.3	103.9	58.7	30.1
-12.5°	1312.6	1120.0	916.2	741.2	607.0	503.8	349.1	186.1	114.9	64.7	33.0
-15°	1258.6	1063.7	886.5	733.4	619.4	513.3	353.8	199.9	123.3	69.6	35.5
-17.5°	1204.5	1002.5	859.1	725.5	631.2	521.3	353.8	210.1	129.6	73.4	37.8
-20°	1160.3	964.6	836.4	718.3	642.6	527.9	349.4	216.4	133.6	75.7	39.8



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1109.8	948.8	828.1	724.1	650.0	533.6	340.4	218.3	135.0	76.5	41.1
-25°	1055.3	932.0	819.4	729.8	651.0	519.4	334.4	215.6	133.7	75.7	41.7
-27.5°	1023.9	915.6	808.5	731.2	639.1	499.7	330.5	213.7	130.8	73.2	41.5
-30°	1002.6	900.5	804.1	724.5	622.5	464.0	320.2	208.2	127.7	71.5	40.4
-32.5°	980.9	883.8	796.9	702.7	585.9	426.5	299.9	198.8	122.2	70.1	39.5
-35°	956.1	867.3	782.8	675.3	540.6	397.5	276.3	185.5	114.2	67.5	38.2
-37.5°	927.5	850.1	747.7	634.9	494.2	363.7	254.4	169.0	103.7	63.7	36.1
-40°	909.0	821.8	709.6	583.1	450.5	325.2	228.4	152.5	96.3	58.6	33.3
-42.5°	887.6	774.7	655.1	529.9	403.5	292.0	199.4	133.4	87.8	53.9	29.8
-45°	830.2	715.5	590.7	470.2	353.2	254.3	175.5	113.6	78.1	49.0	26.5
-47.5°	762.1	639.2	520.6	405.7	306.0	215.5	148.8	101.5	67.5	43.1	24.1
-50°	672.8	557.3	445.5	345.3	253.6	182.4	123.2	88.3	58.8	35.6	21.2
-52.5°	580.8	470.5	373.3	284.2	210.2	146.3	107.0	74.3	49.1	30.2	18.0
-55°	482.8	388.0	302.6	229.9	166.6	122.6	89.5	61.8	38.4	25.6	14.6
-57.5°	389.3	307.1	239.8	178.2	133.9	101.3	72.7	48.3	31.6	20.8	13.9
-60°	296.0	237.0	179.3	140.2	108.1	80.1	55.8	36.4	25.9	16.5	13.0
-62.5°	218.4	171.3	140.1	109.3	82.8	59.4	39.6	29.6	19.9	15.3	12.0
-65°	159.1	131.1	104.1	80.5	58.4	41.1	31.7	22.6	17.3	13.9	11.0
-67.5°	114.0	92.3	72.2	52.1	40.5	31.7	23.4	18.9	15.5	12.5	9.9
-70°	72.4	54.9	45.4	37.6	29.5	22.8	19.8	16.6	13.6	11.2	8.7
-72.5°	43.0	37.5	31.5	25.4	22.6	19.9	17.1	14.4	12.2	9.9	7.6
-75°	28.1	25.7	23.9	21.9	19.4	16.9	14.7	12.8	10.7	8.6	6.8
-77.5°	22.5	21.1	19.8	18.1	15.8	13.9	12.4	11.1	9.2	7.5	6.1
-80°	17.4	16.2	14.9	13.3	12.0	10.9	10.2	9.4	7.9	6.5	5.3
-82.5°	12.6	11.5	10.5	9.7	9.2	8.7	8.2	7.6	6.5	5.4	4.8
-85°	8.6	8.0	7.6	7.1	6.8	6.5	6.3	6.1	5.5	5.0	4.6
-87.5°	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	4.9	4.7	4.5
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.3	2.4	2.4	2.4	3.3	4.3
85°	2.2	2.4	2.6	2.6	2.6	3.3	4.3
82.5°	2.2	2.6	2.8	2.8	2.8	3.4	4.3
80°	2.3	2.7	2.9	3.0	2.9	3.4	4.3
77.5°	2.8	2.9	3.1	3.2	3.1	3.5	4.3
75°	3.4	3.2	3.3	3.5	3.3	3.5	4.3
72.5°	3.9	3.6	3.5	3.7	3.5	3.6	4.3
70°	4.3	3.9	3.7	3.9	3.7	3.7	4.3
67.5°	4.3	4.2	3.9	4.0	3.8	3.7	4.3
65°	4.3	4.3	4.0	4.0	4.0	3.8	4.3
62.5°	4.3	4.3	4.2	4.1	4.2	3.8	4.3
60°	4.3	4.3	4.3	4.1	4.3	3.8	4.3
57.5°	4.3	4.3	4.3	4.2	4.3	3.9	4.3
55°	4.3	4.3	4.3	4.2	4.3	3.9	4.3
52.5°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
50°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
47.5°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
45°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
42.5°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
40°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
37.5°	4.3	4.3	4.3	4.3	4.3	4.2	4.3
35°	4.3	4.3	4.3	4.3	4.3	4.2	4.3
32.5°	4.4	4.3	4.3	4.3	4.3	4.2	4.3
30°	4.6	4.3	4.3	4.3	4.3	4.2	4.3
27.5°	4.8	4.3	4.3	4.3	4.3	4.2	4.3
25°	5.1	4.3	4.3	4.3	4.3	4.3	4.3
22.5°	5.4	4.3	4.3	4.3	4.3	4.3	4.3
20°	5.7	4.5	4.3	4.3	4.3	4.3	4.3
17.5°	6.0	4.7	4.3	4.3	4.3	4.3	4.3
15°	6.5	4.9	4.3	4.3	4.3	4.3	4.3
12.5°	6.9	5.2	4.3	4.3	4.3	4.3	4.3
10°	7.3	5.4	4.3	4.3	4.3	4.3	4.3
7.5°	7.7	5.7	4.3	4.3	4.3	4.3	4.3
5°	8.1	6.0	4.3	4.3	4.3	4.3	4.3
2.5°	8.4	6.2	4.3	4.3	4.3	4.3	4.3
0°	8.7	6.5	4.3	4.3	4.3	4.3	4.3
-2.5°	10.7	7.2	4.5	4.3	4.3	4.3	4.3
-5°	12.7	7.9	4.7	4.3	4.3	4.3	4.3
-7.5°	14.5	8.5	4.9	4.3	4.3	4.3	4.3
-10°	16.2	9.0	5.0	4.3	4.3	4.3	4.3
-12.5°	17.6	9.5	5.2	4.3	4.3	4.3	4.3
-15°	18.9	9.9	5.3	4.3	4.3	4.3	4.3
-17.5°	19.8	10.2	5.4	4.3	4.3	4.3	4.3
-20°	20.6	10.3	5.4	4.3	4.3	4.3	4.3



REPORT NUMBER: P1306385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.4	10.3	5.5	4.3	4.3	4.3	4.3
-25°	21.7	10.4	5.5	4.3	4.3	4.3	4.3
-27.5°	21.6	10.4	5.4	4.3	4.3	4.3	4.3
-30°	21.1	10.2	5.3	4.3	4.3	4.3	4.3
-32.5°	20.0	9.8	5.4	4.3	4.3	4.3	4.3
-35°	19.2	9.2	5.5	4.3	4.3	4.3	4.3
-37.5°	18.5	8.7	5.5	4.3	4.3	4.3	4.3
-40°	17.4	8.7	5.4	4.3	4.3	4.3	4.3
-42.5°	16.0	8.6	5.4	4.3	4.3	4.3	4.3
-45°	14.3	8.5	5.5	4.4	4.3	4.3	4.3
-47.5°	12.2	8.3	5.6	4.4	4.3	4.3	4.3
-50°	11.6	8.0	5.6	4.5	4.3	4.3	4.3
-52.5°	11.2	7.7	5.5	4.5	4.3	4.3	4.3
-55°	10.7	7.4	5.4	4.5	4.3	4.3	4.3
-57.5°	10.2	7.2	5.3	4.5	4.3	4.3	4.3
-60°	9.5	6.8	5.1	4.5	4.3	4.3	4.3
-62.5°	8.9	6.4	5.0	4.4	4.3	4.3	4.3
-65°	8.2	6.0	4.9	4.4	4.3	4.3	4.3
-67.5°	7.3	5.6	4.8	4.4	4.3	4.3	4.3
-70°	6.4	5.3	4.7	4.3	4.3	4.3	4.3
-72.5°	5.9	5.1	4.5	4.3	4.3	4.3	4.3
-75°	5.4	4.7	4.3	4.3	4.3	4.3	4.3
-77.5°	4.9	4.4	4.3	4.3	4.3	4.3	4.3
-80°	4.4	4.3	4.3	4.3	4.3	4.3	4.3
-82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-90°	2.2	2.2	2.2	2.2	2.2	3.3	4.3

(END OF REPORT)