

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: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-2S-CV2-A**

Issue Date: 2/3/2026

Test Information

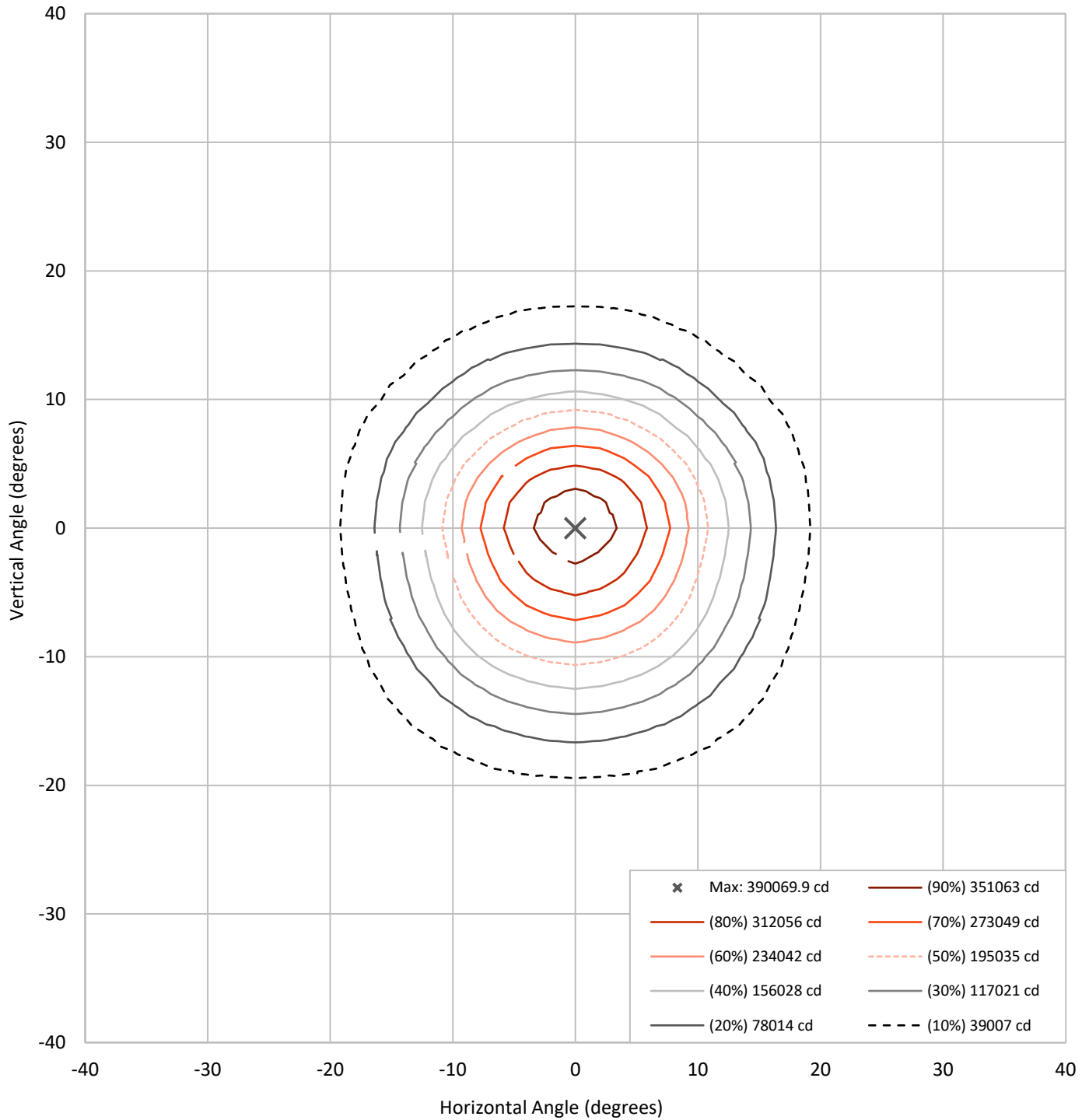
Test Method: LM-79-08
Report Number: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-2S-CV2-A
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:	60383.6 lumens	Max Intensity:	390069.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.1 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:	27914.9 lumens	Field Lumens:	52074.2 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	569		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





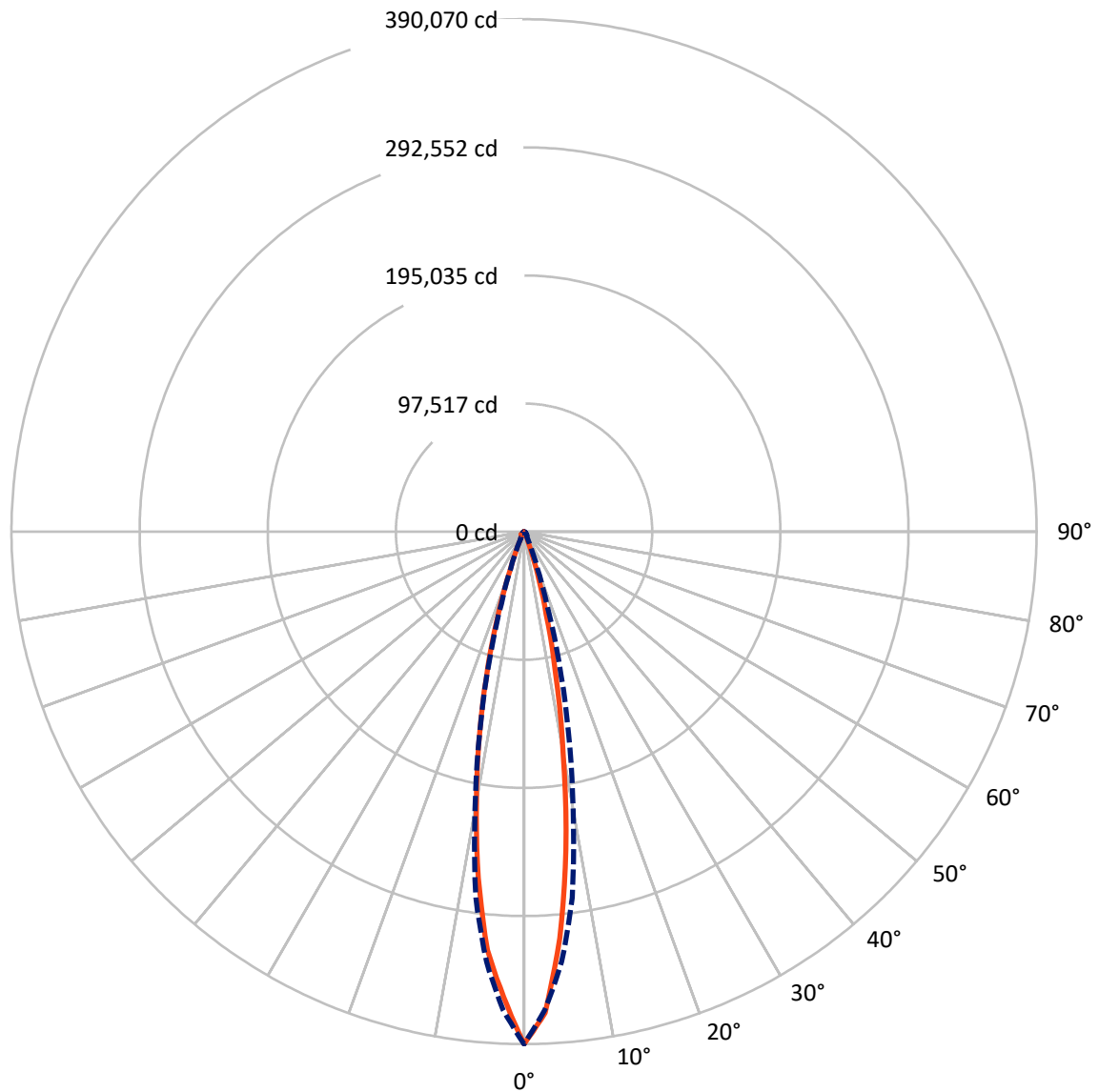
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Lumen Table

90	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
80	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
70	0.1	0.1	0.2	0.5	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.5	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.8	1.1	1.2	1.2	1.1	0.8	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.8	1.7	3.5	5.6	6.8	7.9	7.9	6.8	5.6	3.5	1.7	0.8	0.2				
30	0.2	0.4	2.5	8.4	22.4	32.9	57.6	126.8	126.8	57.6	32.9	22.4	8.4	2.5	0.4	0.2			
20		0.8	5.7	21.8	51.3	100.4	624.1	1947.2	1947.2	624.1	100.4	51.3	21.8	5.7	0.8				
10	0.3	1.6	9.7	40.4	83.9	270.2	2550.4	7596.7	7596.7	2550.4	270.2	83.9	40.4	9.7	1.6	0.3			
0		2.6	12.6	47.4	94.0	271.2	2702.9	7920.1	7920.1	2702.9	271.2	94.0	47.4	12.6	2.6				
-10	0.5	3.0	12.9	43.8	92.8	155.1	995.2	2872.1	2872.1	995.2	155.1	92.8	43.8	12.9	3.0	0.5			
-20		2.8	10.9	26.1	66.0	97.1	151.5	296.6	296.6	151.5	97.1	66.0	26.1	10.9	2.8				
-30	0.4	2.3	8.0	16.3	36.5	69.8	90.4	99.4	99.4	90.4	69.8	36.5	16.3	8.0	2.3	0.4			
-40		1.6	5.5	12.1	20.6	34.2	59.3	80.1	80.1	59.3	34.2	20.6	12.1	5.5	1.6				
-50	0.2	0.7	3.3	7.8	14.3	21.4	27.5	30.8	30.8	27.5	21.4	14.3	7.8	3.3	0.7	0.2			
-60		0.3	1.2	3.7	7.6	12.4	17.4	20.4	20.4	17.4	12.4	7.6	3.7	1.2	0.3				
-70	0.2	0.7	3.3	7.8	14.3	21.4	27.5	30.8	30.8	27.5	21.4	14.3	7.8	3.3	0.7	0.2			
-80		0.3	1.2	3.7	7.6	12.4	17.4	20.4	20.4	17.4	12.4	7.6	3.7	1.2	0.3				
-90	0.2	0.9	2.8	7.0	10.2	7.0	2.8	0.9	0.2										

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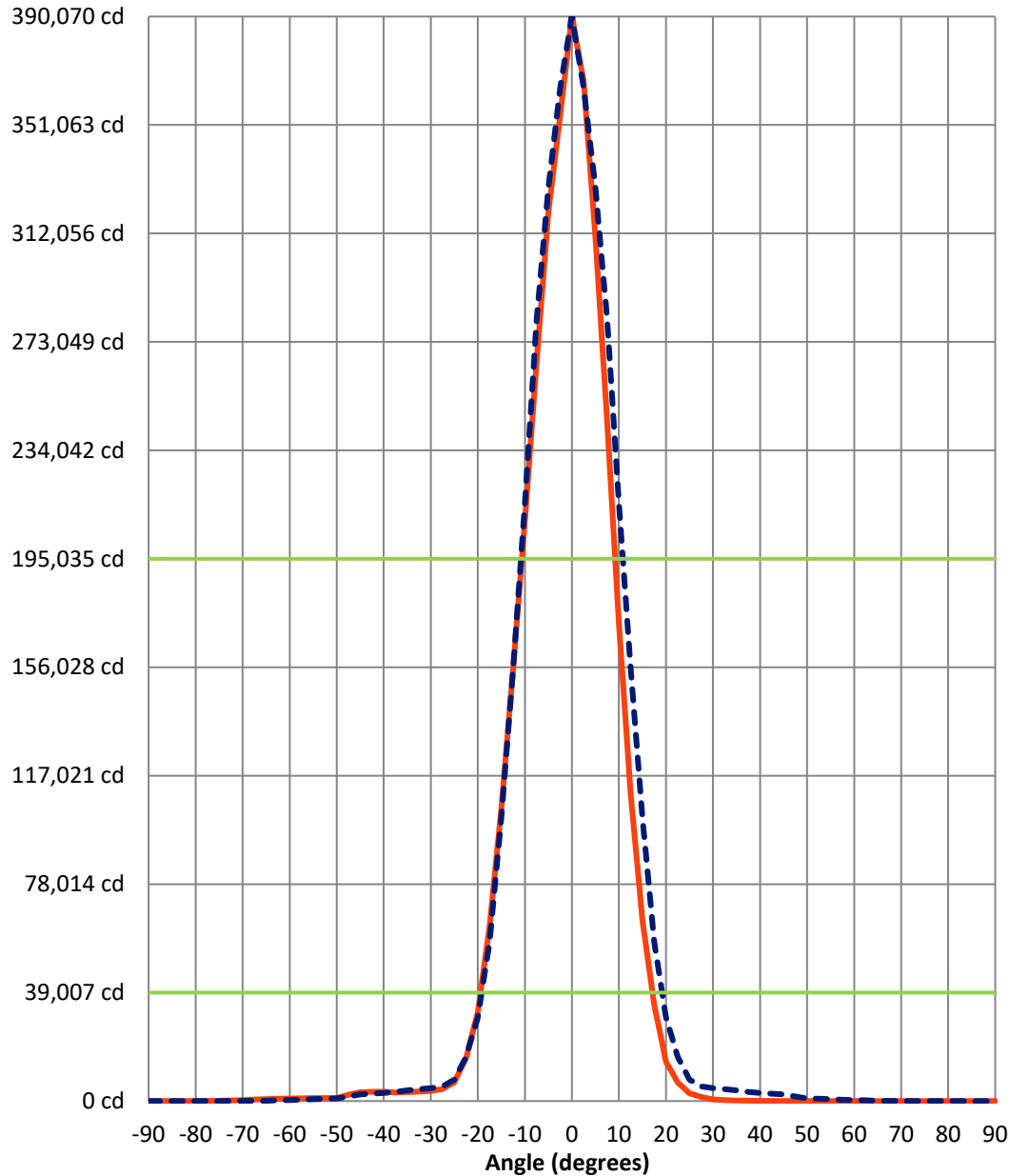
Luminous Intensity Polar Plot



— 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: 27914.9
Efficiency: 46.2%

Field:
H Angle: 38.4°
V Angle: 36.6°
Lumens: 52074.2
Efficiency: 86.2%

Spill:
Lumens: 8309.4
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°	6.3	6.3	6.3	6.7	7.1	7.5	7.9	7.9	7.9	7.9	7.9
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.8	5.6	5.4
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	6.1	6.0	6.1
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
67.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.5	6.5
65°	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.3	6.6	6.8	6.6
62.5°	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.6	7.0	7.1	6.7
60°	6.3	6.3	6.3	6.3	6.3	6.6	6.6	7.0	7.4	7.1	6.8
57.5°	6.3	6.3	6.3	6.3	6.4	6.8	6.9	7.5	7.6	7.2	6.9
55°	6.3	6.3	6.3	6.3	6.6	6.9	7.2	7.9	7.6	7.3	7.0
52.5°	6.3	6.3	6.4	6.3	6.8	7.1	7.5	7.9	7.7	7.4	7.1
50°	6.3	6.3	6.4	6.3	7.0	7.3	7.7	7.9	7.8	7.5	8.3
47.5°	6.3	6.3	6.4	6.3	7.1	7.5	7.9	7.9	7.9	7.6	9.4
45°	6.3	6.3	6.5	6.5	7.3	7.6	7.9	7.9	8.0	8.3	10.3
42.5°	6.3	6.3	6.5	6.6	7.5	7.7	7.9	8.0	8.0	8.8	11.6
40°	6.3	6.3	6.6	6.8	7.7	7.8	7.9	8.1	8.3	9.2	12.7
37.5°	6.3	6.3	6.7	7.0	7.7	7.9	7.9	8.2	9.0	10.2	13.8
35°	6.3	6.3	6.7	7.1	7.8	7.9	7.9	8.4	9.7	11.8	14.4
32.5°	6.3	6.3	6.8	7.3	7.9	7.9	7.9	8.6	10.5	13.5	15.7
30°	6.3	6.3	6.9	7.4	7.9	7.9	8.1	8.9	11.3	15.3	17.2
27.5°	6.3	6.3	7.0	7.5	7.9	7.9	8.3	9.6	12.4	17.1	19.1
25°	6.3	6.3	7.0	7.6	7.9	7.9	8.4	10.3	13.9	18.7	21.3
22.5°	6.3	6.3	7.1	7.7	7.9	7.9	8.6	11.0	15.3	20.4	25.4
20°	6.3	6.3	7.2	7.7	7.9	8.0	8.8	11.7	16.8	22.2	29.2
17.5°	6.3	6.3	7.3	7.8	7.9	8.2	9.1	12.4	18.2	24.0	32.9
15°	6.3	6.3	7.4	7.8	7.9	8.3	9.4	13.1	19.5	26.0	36.3
12.5°	6.3	6.3	7.5	7.9	7.9	8.5	9.7	13.7	20.9	28.0	39.4
10°	6.3	6.3	7.6	7.9	7.9	8.7	10.0	14.2	22.2	31.0	44.2
7.5°	6.3	6.3	7.7	7.9	7.9	8.9	10.3	14.7	23.5	34.4	53.2
5°	6.3	6.3	7.7	7.9	7.9	9.0	10.5	15.1	24.7	37.7	62.4
2.5°	6.3	6.3	7.8	7.9	7.9	9.2	10.8	15.4	25.8	41.0	71.5
0°	6.3	6.3	7.9	7.9	7.9	9.4	11.0	15.7	26.8	44.1	80.3
-2.5°	6.3	6.3	7.9	8.0	8.0	9.7	12.3	19.4	34.7	57.6	103.7
-5°	6.3	6.4	7.9	8.1	8.2	10.1	13.5	22.9	42.2	70.5	125.8
-7.5°	6.3	6.4	7.9	8.2	8.3	10.4	14.6	26.1	49.2	82.5	146.0
-10°	6.3	6.4	7.9	8.3	8.4	10.6	15.6	29.0	55.4	93.4	163.7
-12.5°	6.3	6.5	7.8	8.4	8.6	10.9	16.5	31.4	60.6	102.8	174.2
-15°	6.3	6.5	7.8	8.4	8.7	11.0	17.2	33.3	65.4	110.1	180.5
-17.5°	6.3	6.5	7.8	8.5	8.8	11.2	17.7	35.5	69.8	116.2	184.8
-20°	6.3	6.6	7.8	8.5	8.9	11.3	18.2	37.5	73.0	120.8	186.9



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 CATALOG NUMBER: EPH-08-530N-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°	6.3	6.6	7.7	8.6	9.1	11.3	18.8	38.5	75.0	124.0	186.8
-25°	6.3	6.6	7.7	8.6	9.2	11.4	19.1	38.5	75.7	125.5	184.4
-27.5°	6.3	6.6	7.7	8.6	9.3	11.6	18.9	37.3	75.0	125.7	185.3
-30°	6.3	6.6	7.7	8.6	9.4	11.7	18.3	34.9	73.5	124.5	184.3
-32.5°	6.3	6.7	7.7	8.5	9.6	11.7	17.2	33.6	70.7	121.4	181.1
-35°	6.3	6.7	7.7	8.5	9.7	11.5	16.8	32.3	66.1	116.4	175.8
-37.5°	6.3	6.7	7.6	8.4	9.8	11.5	16.6	30.3	59.6	109.5	162.3
-40°	6.3	6.7	7.6	8.3	9.9	11.6	16.3	27.6	51.3	100.6	147.4
-42.5°	6.3	6.7	7.6	8.2	9.9	11.6	15.8	24.2	45.5	86.7	131.1
-45°	6.3	6.7	7.6	8.1	9.7	11.6	15.2	21.5	40.7	71.7	113.7
-47.5°	6.3	6.7	7.6	8.0	9.6	11.5	14.4	20.6	34.9	56.1	96.2
-50°	6.3	6.7	7.6	8.0	9.4	11.3	14.1	19.5	27.8	47.8	77.9
-52.5°	6.3	6.7	7.6	8.0	9.2	11.1	13.7	18.2	24.2	38.9	59.8
-55°	6.3	6.7	7.7	8.0	9.0	10.7	13.2	16.8	22.2	29.2	48.7
-57.5°	6.3	6.7	7.7	8.0	8.7	10.4	12.6	15.9	20.1	25.2	36.8
-60°	6.3	6.6	7.7	8.0	8.4	10.0	11.9	14.9	18.2	22.8	27.5
-62.5°	6.3	6.6	7.6	8.0	8.4	9.6	11.3	13.8	16.9	20.3	24.8
-65°	6.3	6.6	7.5	8.0	8.3	9.1	10.7	12.8	15.7	18.6	21.9
-67.5°	6.3	6.6	7.4	7.9	8.2	8.8	10.1	12.0	14.3	17.1	19.9
-70°	6.3	6.6	7.3	7.9	8.1	8.6	9.4	11.3	13.4	15.6	18.2
-72.5°	6.3	6.5	7.2	7.8	8.0	8.4	9.0	10.5	12.5	14.6	16.6
-75°	6.3	6.5	7.1	7.6	7.9	8.2	8.7	9.9	11.6	13.5	15.4
-77.5°	6.3	6.5	7.0	7.5	7.8	8.0	8.3	9.5	10.9	12.5	14.3
-80°	6.3	6.4	6.8	7.3	7.6	7.8	7.9	9.0	10.2	11.6	13.0
-82.5°	6.3	6.4	6.7	7.2	7.5	7.8	7.9	8.6	9.5	10.6	11.8
-85°	6.3	6.4	6.6	7.0	7.4	7.7	7.9	8.4	8.9	9.7	10.5
-87.5°	6.3	6.3	6.4	6.9	7.2	7.6	7.9	8.1	8.4	8.8	9.2
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.9	5.5	5.1	4.7



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 CATALOG NUMBER: EPH-08-530N-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°
90°	7.9	7.9	7.9	7.9	8.3	8.7	9.0	9.4	9.8	10.2	10.6
87.5°	5.3	5.1	4.9	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
85°	5.8	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
82.5°	5.9	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
80°	6.0	5.6	5.2	4.8	4.7	4.7	4.7	4.7	4.4	4.1	3.8
77.5°	6.0	5.6	5.2	4.8	4.7	5.0	5.3	5.5	5.5	5.3	5.1
75°	6.0	5.6	5.5	5.5	5.7	6.0	6.3	6.3	6.1	5.7	5.3
72.5°	6.1	6.0	6.0	6.3	6.3	6.3	6.3	6.3	7.1	8.1	8.9
70°	6.2	6.3	6.3	6.3	6.3	6.7	8.3	10.5	12.7	14.4	16.6
67.5°	6.3	6.3	6.3	6.5	7.6	9.4	11.9	18.1	25.3	27.6	27.5
65°	6.3	6.3	6.7	7.7	9.2	14.1	21.0	29.4	35.8	34.8	32.5
62.5°	6.3	6.5	7.3	9.6	14.1	20.4	27.0	33.1	39.2	38.2	33.2
60°	6.4	6.7	9.3	13.8	18.6	23.6	29.9	33.9	37.9	39.0	30.8
57.5°	6.5	8.1	12.5	17.2	21.6	25.3	27.7	31.1	33.4	33.8	25.4
55°	7.4	10.7	15.3	20.0	23.1	22.1	23.8	26.0	26.9	24.8	17.9
52.5°	9.4	13.0	17.8	21.6	22.0	20.3	19.8	20.8	19.2	16.4	14.2
50°	11.1	15.3	19.8	22.0	21.5	19.3	16.5	16.0	15.5	14.4	13.1
47.5°	12.9	17.4	21.3	22.8	21.2	19.2	15.9	15.5	15.5	16.4	15.6
45°	14.5	18.7	22.7	22.9	21.8	20.2	18.8	17.2	20.3	21.3	21.2
42.5°	16.0	19.5	23.1	23.4	24.0	23.7	23.2	24.9	26.8	28.4	29.0
40°	16.6	20.0	24.2	27.3	27.4	28.6	31.9	34.9	35.0	37.1	38.3
37.5°	16.8	21.9	27.8	34.7	32.6	36.5	41.9	50.1	51.3	46.5	53.1
35°	16.8	24.7	37.1	45.1	44.1	46.8	59.7	71.7	77.1	69.3	79.9
32.5°	18.4	28.2	49.1	57.7	65.6	68.7	81.2	105.0	118.2	123.2	132.1
30°	22.4	39.3	62.8	72.1	94.5	109.5	119.9	148.4	172.7	246.5	301.3
27.5°	27.3	52.8	76.6	97.9	131.0	156.7	179.1	208.3	297.7	432.2	571.9
25°	32.1	71.0	91.6	131.4	176.2	210.9	241.7	283.1	470.4	745.9	863.6
22.5°	41.8	91.8	115.6	169.0	225.6	266.7	311.3	423.4	676.5	1090.5	1138.9
20°	57.6	111.9	148.2	211.2	280.3	322.6	381.8	570.8	909.7	1226.0	1357.2
17.5°	74.6	133.8	184.1	261.0	344.8	392.7	461.9	712.7	1110.6	1392.2	1568.2
15°	92.3	157.2	218.6	315.6	413.0	479.1	622.2	907.6	1269.3	1587.0	1843.5
12.5°	110.3	181.5	251.5	373.5	484.5	564.5	816.6	1204.8	1535.3	1832.8	2181.0
10°	128.1	206.1	282.6	432.9	557.8	648.3	1030.5	1506.8	1831.3	2122.3	2479.3
7.5°	163.6	239.2	315.4	492.3	631.6	730.0	1254.2	1807.1	2102.9	2376.1	2726.3
5°	202.5	280.0	365.9	563.0	705.5	805.2	1457.9	2097.3	2353.3	2599.6	2941.8
2.5°	240.3	318.8	414.6	630.7	776.2	870.5	1562.2	2256.7	2512.5	2771.0	3127.7
0°	275.4	355.7	461.1	692.5	842.0	931.7	1638.4	2390.7	2645.6	2914.8	3290.9
-2.5°	304.7	393.2	510.1	721.8	860.3	947.3	1613.3	2389.4	2695.2	2994.2	3383.4
-5°	329.1	428.4	555.4	746.0	875.0	960.1	1563.8	2351.6	2736.2	3057.8	3453.2
-7.5°	348.2	460.7	596.1	764.9	884.0	966.5	1542.0	2367.3	2809.4	3113.6	3498.8
-10°	358.7	473.6	599.1	764.2	885.6	968.0	1493.9	2334.9	2870.1	3163.3	3518.1
-12.5°	344.7	468.2	591.3	756.3	886.1	967.4	1401.1	2249.1	2919.9	3210.7	3500.5
-15°	329.2	460.1	578.6	740.8	886.2	965.1	1259.5	2106.3	2891.6	3126.0	3427.1
-17.5°	313.0	449.3	560.8	717.3	886.6	961.3	1058.2	1799.9	2609.5	2946.8	3308.8
-20°	296.8	435.7	537.6	685.3	881.9	935.5	980.6	1488.8	2198.2	2718.9	3084.7



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	281.4	419.4	514.1	654.7	813.6	891.1	933.9	1187.7	1774.7	2441.9	2750.0
-25°	273.0	395.3	493.6	607.9	742.2	844.9	881.7	934.4	1400.7	2004.1	2444.5
-27.5°	268.7	374.3	466.3	561.4	676.1	789.4	829.3	875.1	1112.5	1575.6	2123.5
-30°	261.7	347.5	437.4	519.0	621.4	718.4	776.5	828.9	893.5	1241.4	1674.8
-32.5°	245.9	319.6	406.0	485.6	570.6	656.4	738.3	795.4	848.1	942.4	1285.2
-35°	227.5	296.1	373.4	450.9	522.8	606.4	691.6	766.4	808.9	852.8	1004.0
-37.5°	212.2	271.1	340.2	415.0	484.1	560.0	642.6	721.6	780.5	820.5	877.9
-40°	195.7	244.8	310.1	378.3	445.9	514.4	590.4	667.3	740.6	801.9	848.2
-42.5°	177.9	225.2	280.1	341.2	405.9	470.4	536.7	609.7	686.9	766.9	826.8
-45°	158.4	204.5	250.2	307.3	364.8	424.8	486.4	551.0	629.1	705.6	781.5
-47.5°	137.5	182.2	226.4	273.1	326.0	379.5	434.6	500.4	569.1	641.4	712.7
-50°	115.8	157.5	201.8	244.3	289.4	336.7	385.8	450.6	516.1	578.7	642.6
-52.5°	94.9	131.3	173.7	216.7	256.6	298.2	345.3	402.2	463.5	524.0	581.0
-55°	73.3	107.0	143.4	184.9	226.0	263.1	307.5	358.0	409.7	467.2	522.4
-57.5°	56.6	82.3	114.2	149.7	189.5	230.4	272.6	315.2	362.3	411.0	458.6
-60°	42.1	60.9	85.3	116.0	149.0	188.9	235.1	277.3	317.3	357.1	400.5
-62.5°	29.2	43.9	61.2	82.5	111.2	144.0	183.6	227.3	273.9	309.1	343.9
-65°	26.1	30.1	42.1	57.9	73.9	101.1	132.6	166.9	206.5	242.5	280.1
-67.5°	22.8	26.4	30.3	36.5	50.7	65.8	81.8	109.8	139.8	165.6	192.4
-70°	20.6	22.8	26.0	29.5	33.0	39.2	52.4	66.3	80.2	95.3	116.8
-72.5°	18.7	20.7	22.7	24.7	27.6	30.7	33.6	36.5	44.5	55.4	65.4
-75°	16.9	18.5	20.3	22.2	23.7	25.4	27.5	30.1	32.5	35.1	37.9
-77.5°	15.3	16.4	17.8	19.4	20.7	21.7	23.0	24.5	26.0	27.6	29.0
-80°	13.7	14.2	15.0	16.0	17.1	18.0	18.9	19.6	20.5	21.6	22.9
-82.5°	12.2	12.6	12.9	13.3	13.9	14.6	15.4	16.2	16.8	17.3	17.9
-85°	10.8	11.0	11.2	11.5	11.8	12.1	12.5	12.9	13.2	13.5	13.8
-87.5°	9.3	9.4	9.6	9.7	9.9	10.2	10.4	10.5	10.7	10.8	10.9
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	11.0	11.0	11.0	11.0	11.0	13.4	15.7	18.1	20.5	24.0	27.5
87.5°	3.1	3.0	3.0	3.0	3.0	2.6	2.3	2.0	1.6	1.2	0.8
85°	3.1	3.1	3.1	3.1	3.1	2.7	2.4	2.0	1.6	1.6	1.6
82.5°	3.1	3.1	3.1	3.1	3.1	2.8	2.4	2.0	1.6	1.6	1.6
80°	3.6	3.6	3.5	3.3	3.1	2.8	2.4	2.0	1.6	1.6	1.6
77.5°	4.8	4.4	4.0	3.6	3.2	3.0	2.9	2.8	2.8	2.6	2.3
75°	4.9	4.7	4.8	4.6	4.1	3.8	3.7	3.5	3.2	3.1	3.0
72.5°	9.5	9.5	8.9	8.4	7.5	7.1	6.9	6.4	5.8	5.5	5.3
70°	17.3	17.0	16.3	15.0	12.8	11.0	10.0	9.0	7.9	7.5	7.6
67.5°	25.1	22.5	20.4	18.0	14.9	12.6	11.4	10.1	8.6	7.9	7.9
65°	29.1	23.7	20.2	17.6	15.6	13.3	11.3	9.4	7.7	6.9	7.1
62.5°	27.6	20.6	16.3	13.8	11.9	10.7	9.1	7.8	6.8	6.3	6.4
60°	22.9	15.3	11.6	10.3	9.1	8.0	7.5	6.8	6.0	5.3	5.5
57.5°	17.8	12.2	9.3	8.9	8.5	8.1	7.4	6.7	6.1	5.8	6.1
55°	13.2	10.9	9.5	9.6	9.4	8.6	7.8	7.7	7.5	7.3	7.5
52.5°	11.6	11.5	11.9	11.8	10.7	9.9	9.3	9.3	9.5	9.8	10.2
50°	13.2	13.7	13.4	12.3	12.1	11.7	11.0	11.7	12.6	12.9	13.3
47.5°	15.7	16.0	16.2	15.1	15.3	16.5	16.7	17.2	19.0	20.3	21.5
45°	20.2	21.9	22.3	23.0	23.4	25.8	27.0	27.6	32.5	34.8	35.1
42.5°	29.1	31.8	34.0	37.4	36.9	42.8	50.4	54.4	54.1	52.6	52.5
40°	42.6	47.3	57.6	63.1	69.2	76.1	76.7	68.3	68.4	77.0	76.5
37.5°	65.6	81.8	96.5	109.5	112.7	108.7	110.2	116.6	124.3	125.0	128.7
35°	110.7	143.3	150.9	160.9	171.8	161.5	160.2	170.5	167.0	184.7	197.3
32.5°	191.4	237.7	251.8	263.9	294.5	276.8	228.0	299.0	283.0	302.8	332.9
30°	304.5	395.6	456.8	475.2	482.8	485.0	530.9	571.6	603.8	646.9	707.8
27.5°	576.6	637.0	738.9	796.0	724.1	753.8	871.7	893.1	1014.6	1146.7	1255.1
25°	876.9	944.7	1125.9	1148.7	1088.6	1199.0	1313.1	1336.7	1551.0	1706.6	2078.9
22.5°	1148.3	1261.9	1455.8	1510.8	1560.9	1692.1	1824.6	1982.7	2465.5	3064.1	4150.5
20°	1378.1	1504.8	1694.3	1847.4	1972.4	2139.8	2294.2	2833.8	3873.7	6148.1	8622.0
17.5°	1656.2	1734.7	1969.0	2173.7	2369.6	2609.3	3291.8	4654.6	7665.1	12620.9	17317.9
15°	2030.9	2187.0	2332.3	2553.9	2919.7	3617.2	5122.9	9562.4	15860.5	24504.6	35211.5
12.5°	2462.9	2678.2	2879.8	3067.7	3592.5	5237.7	10042.2	17740.8	28328.1	42214.0	63227.1
10°	2848.7	3177.7	3425.2	3753.0	4769.4	7968.8	15385.7	26269.5	44873.2	69408.4	96830.5
7.5°	3116.6	3507.5	3841.3	4328.7	5986.0	11406.2	21673.7	38623.1	65067.6	98127.1	135118.9
5°	3371.4	3812.2	4139.8	4739.4	6790.5	13794.1	26439.8	48920.1	84833.3	128516.9	176010.5
2.5°	3612.2	4081.2	4403.4	5107.4	7298.4	14882.3	28436.1	55321.6	97618.6	149361.9	205768.1
0°	3835.5	4279.3	4616.1	5280.3	7727.6	15927.3	30134.4	57385.6	101938.0	155499.2	214826.9
-2.5°	3793.8	4123.7	4496.6	5162.4	7319.3	14806.8	28155.3	54961.3	96866.9	148172.7	202744.2
-5°	3779.2	4046.7	4383.4	4986.9	6815.0	12794.2	25006.1	49487.7	88558.0	134794.8	185623.2
-7.5°	3790.3	4002.8	4266.0	4765.1	6206.0	10817.3	21741.7	42899.7	75170.8	114318.2	160218.2
-10°	3814.1	3978.5	4245.3	4684.3	5692.9	8646.1	16454.0	33052.3	59103.3	90240.1	126005.7
-12.5°	3855.3	4076.7	4344.5	4642.8	5177.3	6886.6	12940.6	25657.6	43699.1	65574.1	92788.6
-15°	3841.2	4126.6	4429.1	4613.3	4904.4	5855.8	8393.8	16941.4	30236.1	44744.1	61214.0
-17.5°	3737.7	4079.5	4212.4	4355.3	4532.4	5001.1	6417.6	10217.6	17788.2	27320.7	36586.8
-20°	3497.5	3670.4	3836.7	4007.3	4203.3	4462.0	4902.7	6382.9	8599.8	14008.9	18530.9



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	3046.7	3213.1	3357.2	3633.9	3831.8	4021.8	4264.5	4584.8	5437.5	6776.8	9002.7
-25°	2660.0	2762.5	2965.2	3288.2	3500.9	3614.7	3766.9	3888.4	4180.7	4491.8	5260.6
-27.5°	2350.9	2504.6	2754.3	3037.3	3241.2	3332.7	3412.7	3484.2	3667.7	3794.8	4013.2
-30°	2106.3	2355.2	2589.3	2848.2	3035.6	3144.4	3178.5	3281.6	3401.3	3492.1	3580.5
-32.5°	1755.5	2193.3	2406.2	2620.6	2832.4	2966.4	3058.1	3139.4	3251.7	3321.4	3356.2
-35°	1377.8	1826.0	2245.2	2389.0	2542.9	2735.3	2891.9	2974.6	3048.4	3115.6	3158.0
-37.5°	1039.8	1406.9	1797.1	2148.0	2312.9	2456.8	2684.6	2822.5	2889.4	2989.7	3046.7
-40°	901.7	1005.9	1338.8	1667.4	1963.2	2291.0	2512.6	2725.1	2935.3	3064.1	3147.7
-42.5°	870.8	913.4	952.8	1183.1	1478.8	1775.8	2102.5	2463.1	2764.7	2991.8	3202.8
-45°	845.9	878.2	910.0	946.1	980.7	1207.9	1463.2	1732.0	2079.1	2415.0	2705.1
-47.5°	781.4	842.6	878.4	905.6	933.9	965.3	994.2	1055.2	1288.6	1536.7	1772.3
-50°	708.1	768.9	823.2	873.5	909.9	934.3	952.5	976.4	1004.3	1029.1	1051.8
-52.5°	635.9	694.8	750.1	804.8	856.1	903.3	947.0	974.5	995.6	1014.2	1025.7
-55°	575.3	626.1	675.6	729.7	782.4	832.7	880.0	922.6	962.6	1000.1	1021.5
-57.5°	509.0	558.9	608.5	658.5	706.6	752.8	798.5	843.1	885.3	923.9	947.3
-60°	443.3	485.4	534.7	585.9	633.8	678.5	724.0	767.2	807.2	841.2	862.1
-62.5°	381.7	420.9	461.9	507.4	556.8	604.9	645.4	686.2	727.1	762.2	786.2
-65°	316.3	349.2	382.4	418.1	455.8	495.2	535.8	575.6	614.5	646.3	669.1
-67.5°	223.8	256.4	288.2	319.9	348.9	378.0	409.0	440.4	471.5	497.1	517.3
-70°	138.0	158.4	177.6	198.2	222.4	247.7	273.6	297.8	320.1	336.7	348.9
-72.5°	74.4	82.6	92.5	107.9	122.3	137.4	153.1	168.1	182.2	192.6	200.4
-75°	40.8	44.5	50.9	56.9	62.6	69.3	76.1	82.6	88.5	94.4	99.8
-77.5°	30.8	32.7	34.4	35.9	37.2	39.6	42.3	45.0	47.7	51.3	55.0
-80°	24.1	25.0	26.0	26.9	27.9	29.5	31.2	32.9	34.6	36.3	37.9
-82.5°	18.6	19.0	19.5	19.9	20.2	21.3	22.4	23.5	24.5	26.2	28.0
-85°	14.0	14.3	14.6	14.9	15.1	15.9	16.8	17.7	18.6	19.8	21.1
-87.5°	11.0	11.3	11.7	12.1	12.4	13.0	13.5	14.0	14.4	15.6	16.7
-90°	3.1	2.7	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.2	0.8



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	31.1	34.6	36.9	39.3	36.9	34.6	31.1	27.5	24.0	20.5	18.1
87.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	2.0
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
77.5°	2.0	1.6	1.6	1.6	1.6	1.6	2.0	2.3	2.6	2.8	2.8
75°	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.1	3.2	3.5
72.5°	5.0	4.7	4.7	4.7	4.7	4.7	5.0	5.3	5.5	5.8	6.4
70°	7.7	7.8	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.9	9.0
67.5°	7.9	7.9	7.2	6.3	7.2	7.9	7.9	7.9	7.9	8.6	10.1
65°	7.4	7.8	7.2	6.3	7.2	7.8	7.4	7.1	6.9	7.7	9.4
62.5°	6.4	6.4	6.3	6.3	6.3	6.4	6.4	6.4	6.3	6.8	7.8
60°	5.8	6.2	6.3	6.3	6.3	6.2	5.8	5.5	5.3	6.0	6.8
57.5°	6.2	6.3	6.9	7.9	6.9	6.3	6.2	6.1	5.8	6.1	6.7
55°	7.7	7.8	7.9	7.9	7.9	7.8	7.7	7.5	7.3	7.5	7.7
52.5°	10.5	10.8	10.9	11.0	10.9	10.8	10.5	10.2	9.8	9.5	9.3
50°	13.7	14.0	13.6	12.6	13.6	14.0	13.7	13.3	12.9	12.6	11.7
47.5°	22.6	23.1	22.9	22.0	22.9	23.1	22.6	21.5	20.3	19.0	17.2
45°	36.0	36.0	35.9	36.2	35.9	36.0	36.0	35.1	34.8	32.5	27.6
42.5°	53.9	54.4	54.7	55.1	54.7	54.4	53.9	52.5	52.6	54.1	54.4
40°	77.9	78.3	77.4	75.5	77.4	78.3	77.9	76.5	77.0	68.4	68.3
37.5°	135.3	138.3	137.5	135.4	137.5	138.3	135.3	128.7	125.0	124.3	116.6
35°	201.9	200.1	194.7	195.2	194.7	200.1	201.9	197.3	184.7	167.0	170.5
32.5°	315.4	326.7	330.2	332.1	330.2	326.7	315.4	332.9	302.8	283.0	299.0
30°	750.9	728.2	627.5	596.5	627.5	728.2	750.9	707.8	646.9	603.8	571.6
27.5°	1333.9	1405.7	1471.5	1477.8	1471.5	1405.7	1333.9	1255.1	1146.7	1014.6	893.1
25°	2463.4	2705.4	2807.4	2793.6	2807.4	2705.4	2463.4	2078.9	1706.6	1551.0	1336.7
22.5°	5435.0	6260.9	6691.4	6706.2	6691.4	6260.9	5435.0	4150.5	3064.1	2465.5	1982.7
20°	11859.2	13852.4	14355.7	14205.5	14355.7	13852.4	11859.2	8622.0	6148.1	3873.7	2833.8
17.5°	24452.5	30348.8	34374.3	34651.4	34374.3	30348.8	24452.5	17317.9	12620.9	7665.1	4654.6
15°	47591.8	58430.5	64051.2	65006.1	64051.2	58430.5	47591.8	35211.5	24504.6	15860.5	9562.4
12.5°	83139.3	99636.6	108815.6	110386.5	108815.6	99636.6	83139.3	63227.1	42214.0	28328.1	17740.8
10°	126813.8	149823.5	164784.9	171538.2	164784.9	149823.5	126813.8	96830.5	69408.4	44873.2	26269.5
7.5°	171627.1	207877.2	237481.2	244193.3	237481.2	207877.2	171627.1	135118.9	98127.1	65067.6	38623.1
5°	227067.3	275672.9	304102.2	310667.8	304102.2	275672.9	227067.3	176010.5	128516.9	84833.3	48920.1
2.5°	268179.3	320438.6	350235.7	366610.2	350235.7	320438.6	268179.3	205768.1	149361.9	97618.6	55321.6
0°	280937.9	328490.0	364312.3	390069.9	364312.3	328490.0	280937.9	214826.9	155499.2	101938.0	57385.6
-2.5°	263668.9	314089.1	340082.1	354563.1	340082.1	314089.1	263668.9	202744.2	148172.7	96866.9	54961.3
-5°	236195.7	282543.2	310890.4	319629.3	310890.4	282543.2	236195.7	185623.2	134794.8	88558.0	49487.7
-7.5°	200202.2	234048.6	255277.9	265982.3	255277.9	234048.6	200202.2	160218.2	114318.2	75170.8	42899.7
-10°	161242.4	186930.1	202765.0	208687.3	202765.0	186930.1	161242.4	126005.7	90240.1	59103.3	33052.3
-12.5°	118099.8	138559.7	150724.8	155418.1	150724.8	138559.7	118099.8	92788.6	65574.1	43699.1	25657.6
-15°	77951.4	92699.9	102057.3	105324.9	102057.3	92699.9	77951.4	61214.0	44744.1	30236.1	16941.4
-17.5°	47246.2	55387.4	61444.8	62972.7	61444.8	55387.4	47246.2	36586.8	27320.7	17788.2	10217.6
-20°	25001.9	28665.4	30711.4	32095.4	30711.4	28665.4	25001.9	18530.9	14008.9	8599.8	6382.9



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	11852.8	13847.9	14767.5	15469.3	14767.5	13847.9	11852.8	9002.7	6776.8	5437.5	4584.8
-25°	5931.9	6344.5	6524.2	6775.4	6524.2	6344.5	5931.9	5260.6	4491.8	4180.7	3888.4
-27.5°	4160.7	4257.5	4295.7	4326.5	4295.7	4257.5	4160.7	4013.2	3794.8	3667.7	3484.2
-30°	3625.8	3641.8	3639.4	3637.2	3639.4	3641.8	3625.8	3580.5	3492.1	3401.3	3281.6
-32.5°	3393.8	3410.8	3409.5	3407.4	3409.5	3410.8	3393.8	3356.2	3321.4	3251.7	3139.4
-35°	3185.3	3207.3	3218.2	3223.2	3218.2	3207.3	3185.3	3158.0	3115.6	3048.4	2974.6
-37.5°	3078.5	3083.2	3070.7	3056.4	3070.7	3083.2	3078.5	3046.7	2989.7	2889.4	2822.5
-40°	3188.8	3263.6	3338.7	3361.7	3338.7	3263.6	3188.8	3147.7	3064.1	2935.3	2725.1
-42.5°	3272.3	3320.3	3342.0	3335.0	3342.0	3320.3	3272.3	3202.8	2991.8	2764.7	2463.1
-45°	2896.8	3045.7	3134.0	3155.6	3134.0	3045.7	2896.8	2705.1	2415.0	2079.1	1732.0
-47.5°	1970.0	2136.8	2241.9	2275.8	2241.9	2136.8	1970.0	1772.3	1536.7	1288.6	1055.2
-50°	1073.8	1094.8	1101.7	1095.4	1101.7	1094.8	1073.8	1051.8	1029.1	1004.3	976.4
-52.5°	1037.0	1049.5	1057.5	1062.3	1057.5	1049.5	1037.0	1025.7	1014.2	995.6	974.5
-55°	1039.9	1055.9	1064.7	1068.6	1064.7	1055.9	1039.9	1021.5	1000.1	962.6	922.6
-57.5°	968.0	986.1	994.7	997.8	994.7	986.1	968.0	947.3	923.9	885.3	843.1
-60°	881.1	898.2	904.8	906.5	904.8	898.2	881.1	862.1	841.2	807.2	767.2
-62.5°	808.5	828.7	837.2	840.4	837.2	828.7	808.5	786.2	762.2	727.1	686.2
-65°	689.2	706.4	712.2	713.0	712.2	706.4	689.2	669.1	646.3	614.5	575.6
-67.5°	535.3	550.8	556.3	557.1	556.3	550.8	535.3	517.3	497.1	471.5	440.4
-70°	358.8	366.3	369.4	369.9	369.4	366.3	358.8	348.9	336.7	320.1	297.8
-72.5°	206.6	211.1	212.6	212.5	212.6	211.1	206.6	200.4	192.6	182.2	168.1
-75°	104.7	108.9	109.9	110.2	109.9	108.9	104.7	99.8	94.4	88.5	82.6
-77.5°	58.8	62.4	62.9	63.0	62.9	62.4	58.8	55.0	51.3	47.7	45.0
-80°	39.3	40.7	40.9	40.9	40.9	40.7	39.3	37.9	36.3	34.6	32.9
-82.5°	29.7	31.4	31.5	31.5	31.5	31.4	29.7	28.0	26.2	24.5	23.5
-85°	22.3	23.6	24.4	25.2	24.4	23.6	22.3	21.1	19.8	18.6	17.7
-87.5°	17.8	19.0	19.7	20.5	19.7	19.0	17.8	16.7	15.6	14.4	14.0
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	15.7	13.4	11.0	11.0	11.0	11.0	11.0	10.6	10.2	9.8	9.4
87.5°	2.3	2.6	3.0	3.0	3.0	3.0	3.1	3.5	3.9	4.3	4.7
85°	2.4	2.7	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.3	4.7
82.5°	2.4	2.8	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.3	4.7
80°	2.4	2.8	3.1	3.3	3.5	3.6	3.6	3.8	4.1	4.4	4.7
77.5°	2.9	3.0	3.2	3.6	4.0	4.4	4.8	5.1	5.3	5.5	5.5
75°	3.7	3.8	4.1	4.6	4.8	4.7	4.9	5.3	5.7	6.1	6.3
72.5°	6.9	7.1	7.5	8.4	8.9	9.5	9.5	8.9	8.1	7.1	6.3
70°	10.0	11.0	12.8	15.0	16.3	17.0	17.3	16.6	14.4	12.7	10.5
67.5°	11.4	12.6	14.9	18.0	20.4	22.5	25.1	27.5	27.6	25.3	18.1
65°	11.3	13.3	15.6	17.6	20.2	23.7	29.1	32.5	34.8	35.8	29.4
62.5°	9.1	10.7	11.9	13.8	16.3	20.6	27.6	33.2	38.2	39.2	33.1
60°	7.5	8.0	9.1	10.3	11.6	15.3	22.9	30.8	39.0	37.9	33.9
57.5°	7.4	8.1	8.5	8.9	9.3	12.2	17.8	25.4	33.8	33.4	31.1
55°	7.8	8.6	9.4	9.6	9.5	10.9	13.2	17.9	24.8	26.9	26.0
52.5°	9.3	9.9	10.7	11.8	11.9	11.5	11.6	14.2	16.4	19.2	20.8
50°	11.0	11.7	12.1	12.3	13.4	13.7	13.2	13.1	14.4	15.5	16.0
47.5°	16.7	16.5	15.3	15.1	16.2	16.0	15.7	15.6	16.4	15.5	15.5
45°	27.0	25.8	23.4	23.0	22.3	21.9	20.2	21.2	21.3	20.3	17.2
42.5°	50.4	42.8	36.9	37.4	34.0	31.8	29.1	29.0	28.4	26.8	24.9
40°	76.7	76.1	69.2	63.1	57.6	47.3	42.6	38.3	37.1	35.0	34.9
37.5°	110.2	108.7	112.7	109.5	96.5	81.8	65.6	53.1	46.5	51.3	50.1
35°	160.2	161.5	171.8	160.9	150.9	143.3	110.7	79.9	69.3	77.1	71.7
32.5°	228.0	276.8	294.5	263.9	251.8	237.7	191.4	132.1	123.2	118.2	105.0
30°	530.9	485.0	482.8	475.2	456.8	395.6	304.5	301.3	246.5	172.7	148.4
27.5°	871.7	753.8	724.1	796.0	738.9	637.0	576.6	571.9	432.2	297.7	208.3
25°	1313.1	1199.0	1088.6	1148.7	1125.9	944.7	876.9	863.6	745.9	470.4	283.1
22.5°	1824.6	1692.1	1560.9	1510.8	1455.8	1261.9	1148.3	1138.9	1090.5	676.5	423.4
20°	2294.2	2139.8	1972.4	1847.4	1694.3	1504.8	1378.1	1357.2	1226.0	909.7	570.8
17.5°	3291.8	2609.3	2369.6	2173.7	1969.0	1734.7	1656.2	1568.2	1392.2	1110.6	712.7
15°	5122.9	3617.2	2919.7	2553.9	2332.3	2187.0	2030.9	1843.5	1587.0	1269.3	907.6
12.5°	10042.2	5237.7	3592.5	3067.7	2879.8	2678.2	2462.9	2181.0	1832.8	1535.3	1204.8
10°	15385.7	7968.8	4769.4	3753.0	3425.2	3177.7	2848.7	2479.3	2122.3	1831.3	1506.8
7.5°	21673.7	11406.2	5986.0	4328.7	3841.3	3507.5	3116.6	2726.3	2376.1	2102.9	1807.1
5°	26439.8	13794.1	6790.5	4739.4	4139.8	3812.2	3371.4	2941.8	2599.6	2353.3	2097.3
2.5°	28436.1	14882.3	7298.4	5107.4	4403.4	4081.2	3612.2	3127.7	2771.0	2512.5	2256.7
0°	30134.4	15927.3	7727.6	5280.3	4616.1	4279.3	3835.5	3290.9	2914.8	2645.6	2390.7
-2.5°	28155.3	14806.8	7319.3	5162.4	4496.6	4123.7	3793.8	3383.4	2994.2	2695.2	2389.4
-5°	25006.1	12794.2	6815.0	4986.9	4383.4	4046.7	3779.2	3453.2	3057.8	2736.2	2351.6
-7.5°	21741.7	10817.3	6206.0	4765.1	4266.0	4002.8	3790.3	3498.8	3113.6	2809.4	2367.3
-10°	16454.0	8646.1	5692.9	4684.3	4245.3	3978.5	3814.1	3518.1	3163.3	2870.1	2334.9
-12.5°	12940.6	6886.6	5177.3	4642.8	4344.5	4076.7	3855.3	3500.5	3210.7	2919.9	2249.1
-15°	8393.8	5855.8	4904.4	4613.3	4429.1	4126.6	3841.2	3427.1	3126.0	2891.6	2106.3
-17.5°	6417.6	5001.1	4532.4	4355.3	4212.4	4079.5	3737.7	3308.8	2946.8	2609.5	1799.9
-20°	4902.7	4462.0	4203.3	4007.3	3836.7	3670.4	3497.5	3084.7	2718.9	2198.2	1488.8



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	4264.5	4021.8	3831.8	3633.9	3357.2	3213.1	3046.7	2750.0	2441.9	1774.7	1187.7
-25°	3766.9	3614.7	3500.9	3288.2	2965.2	2762.5	2660.0	2444.5	2004.1	1400.7	934.4
-27.5°	3412.7	3332.7	3241.2	3037.3	2754.3	2504.6	2350.9	2123.5	1575.6	1112.5	875.1
-30°	3178.5	3144.4	3035.6	2848.2	2589.3	2355.2	2106.3	1674.8	1241.4	893.5	828.9
-32.5°	3058.1	2966.4	2832.4	2620.6	2406.2	2193.3	1755.5	1285.2	942.4	848.1	795.4
-35°	2891.9	2735.3	2542.9	2389.0	2245.2	1826.0	1377.8	1004.0	852.8	808.9	766.4
-37.5°	2684.6	2456.8	2312.9	2148.0	1797.1	1406.9	1039.8	877.9	820.5	780.5	721.6
-40°	2512.6	2291.0	1963.2	1667.4	1338.8	1005.9	901.7	848.2	801.9	740.6	667.3
-42.5°	2102.5	1775.8	1478.8	1183.1	952.8	913.4	870.8	826.8	766.9	686.9	609.7
-45°	1463.2	1207.9	980.7	946.1	910.0	878.2	845.9	781.5	705.6	629.1	551.0
-47.5°	994.2	965.3	933.9	905.6	878.4	842.6	781.4	712.7	641.4	569.1	500.4
-50°	952.5	934.3	909.9	873.5	823.2	768.9	708.1	642.6	578.7	516.1	450.6
-52.5°	947.0	903.3	856.1	804.8	750.1	694.8	635.9	581.0	524.0	463.5	402.2
-55°	880.0	832.7	782.4	729.7	675.6	626.1	575.3	522.4	467.2	409.7	358.0
-57.5°	798.5	752.8	706.6	658.5	608.5	558.9	509.0	458.6	411.0	362.3	315.2
-60°	724.0	678.5	633.8	585.9	534.7	485.4	443.3	400.5	357.1	317.3	277.3
-62.5°	645.4	604.9	556.8	507.4	461.9	420.9	381.7	343.9	309.1	273.9	227.3
-65°	535.8	495.2	455.8	418.1	382.4	349.2	316.3	280.1	242.5	206.5	166.9
-67.5°	409.0	378.0	348.9	319.9	288.2	256.4	223.8	192.4	165.6	139.8	109.8
-70°	273.6	247.7	222.4	198.2	177.6	158.4	138.0	116.8	95.3	80.2	66.3
-72.5°	153.1	137.4	122.3	107.9	92.5	82.6	74.4	65.4	55.4	44.5	36.5
-75°	76.1	69.3	62.6	56.9	50.9	44.5	40.8	37.9	35.1	32.5	30.1
-77.5°	42.3	39.6	37.2	35.9	34.4	32.7	30.8	29.0	27.6	26.0	24.5
-80°	31.2	29.5	27.9	26.9	26.0	25.0	24.1	22.9	21.6	20.5	19.6
-82.5°	22.4	21.3	20.2	19.9	19.5	19.0	18.6	17.9	17.3	16.8	16.2
-85°	16.8	15.9	15.1	14.9	14.6	14.3	14.0	13.8	13.5	13.2	12.9
-87.5°	13.5	13.0	12.4	12.1	11.7	11.3	11.0	10.9	10.8	10.7	10.5
-90°	1.6	1.6	1.6	2.0	2.4	2.7	3.1	3.5	3.9	4.3	4.7



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	9.0	8.7	8.3	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	4.7	4.7	4.7	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0
85°	4.7	4.7	4.7	4.7	5.1	5.5	5.8	6.1	6.0	6.1	6.1
82.5°	4.7	4.7	4.7	4.7	5.1	5.5	5.9	6.3	6.3	6.3	6.3
80°	4.7	4.7	4.7	4.8	5.2	5.6	6.0	6.3	6.3	6.3	6.3
77.5°	5.3	5.0	4.7	4.8	5.2	5.6	6.0	6.3	6.3	6.3	6.3
75°	6.3	6.0	5.7	5.5	5.5	5.6	6.0	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.0	6.0	6.1	6.3	6.3	6.3	6.3
70°	8.3	6.7	6.3	6.3	6.3	6.3	6.2	6.4	6.3	6.3	6.3
67.5°	11.9	9.4	7.6	6.5	6.3	6.3	6.3	6.5	6.5	6.3	6.3
65°	21.0	14.1	9.2	7.7	6.7	6.3	6.3	6.6	6.8	6.6	6.3
62.5°	27.0	20.4	14.1	9.6	7.3	6.5	6.3	6.7	7.1	7.0	6.6
60°	29.9	23.6	18.6	13.8	9.3	6.7	6.4	6.8	7.1	7.4	7.0
57.5°	27.7	25.3	21.6	17.2	12.5	8.1	6.5	6.9	7.2	7.6	7.5
55°	23.8	22.1	23.1	20.0	15.3	10.7	7.4	7.0	7.3	7.6	7.9
52.5°	19.8	20.3	22.0	21.6	17.8	13.0	9.4	7.1	7.4	7.7	7.9
50°	16.5	19.3	21.5	22.0	19.8	15.3	11.1	8.3	7.5	7.8	7.9
47.5°	15.9	19.2	21.2	22.8	21.3	17.4	12.9	9.4	7.6	7.9	7.9
45°	18.8	20.2	21.8	22.9	22.7	18.7	14.5	10.3	8.3	8.0	7.9
42.5°	23.2	23.7	24.0	23.4	23.1	19.5	16.0	11.6	8.8	8.0	8.0
40°	31.9	28.6	27.4	27.3	24.2	20.0	16.6	12.7	9.2	8.3	8.1
37.5°	41.9	36.5	32.6	34.7	27.8	21.9	16.8	13.8	10.2	9.0	8.2
35°	59.7	46.8	44.1	45.1	37.1	24.7	16.8	14.4	11.8	9.7	8.4
32.5°	81.2	68.7	65.6	57.7	49.1	28.2	18.4	15.7	13.5	10.5	8.6
30°	119.9	109.5	94.5	72.1	62.8	39.3	22.4	17.2	15.3	11.3	8.9
27.5°	179.1	156.7	131.0	97.9	76.6	52.8	27.3	19.1	17.1	12.4	9.6
25°	241.7	210.9	176.2	131.4	91.6	71.0	32.1	21.3	18.7	13.9	10.3
22.5°	311.3	266.7	225.6	169.0	115.6	91.8	41.8	25.4	20.4	15.3	11.0
20°	381.8	322.6	280.3	211.2	148.2	111.9	57.6	29.2	22.2	16.8	11.7
17.5°	461.9	392.7	344.8	261.0	184.1	133.8	74.6	32.9	24.0	18.2	12.4
15°	622.2	479.1	413.0	315.6	218.6	157.2	92.3	36.3	26.0	19.5	13.1
12.5°	816.6	564.5	484.5	373.5	251.5	181.5	110.3	39.4	28.0	20.9	13.7
10°	1030.5	648.3	557.8	432.9	282.6	206.1	128.1	44.2	31.0	22.2	14.2
7.5°	1254.2	730.0	631.6	492.3	315.4	239.2	163.6	53.2	34.4	23.5	14.7
5°	1457.9	805.2	705.5	563.0	365.9	280.0	202.5	62.4	37.7	24.7	15.1
2.5°	1562.2	870.5	776.2	630.7	414.6	318.8	240.3	71.5	41.0	25.8	15.4
0°	1638.4	931.7	842.0	692.5	461.1	355.7	275.4	80.3	44.1	26.8	15.7
-2.5°	1613.3	947.3	860.3	721.8	510.1	393.2	304.7	103.7	57.6	34.7	19.4
-5°	1563.8	960.1	875.0	746.0	555.4	428.4	329.1	125.8	70.5	42.2	22.9
-7.5°	1542.0	966.5	884.0	764.9	596.1	460.7	348.2	146.0	82.5	49.2	26.1
-10°	1493.9	968.0	885.6	764.2	599.1	473.6	358.7	163.7	93.4	55.4	29.0
-12.5°	1401.1	967.4	886.1	756.3	591.3	468.2	344.7	174.2	102.8	60.6	31.4
-15°	1259.5	965.1	886.2	740.8	578.6	460.1	329.2	180.5	110.1	65.4	33.3
-17.5°	1058.2	961.3	886.6	717.3	560.8	449.3	313.0	184.8	116.2	69.8	35.5
-20°	980.6	935.5	881.9	685.3	537.6	435.7	296.8	186.9	120.8	73.0	37.5



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-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°	933.9	891.1	813.6	654.7	514.1	419.4	281.4	186.8	124.0	75.0	38.5
-25°	881.7	844.9	742.2	607.9	493.6	395.3	273.0	184.4	125.5	75.7	38.5
-27.5°	829.3	789.4	676.1	561.4	466.3	374.3	268.7	185.3	125.7	75.0	37.3
-30°	776.5	718.4	621.4	519.0	437.4	347.5	261.7	184.3	124.5	73.5	34.9
-32.5°	738.3	656.4	570.6	485.6	406.0	319.6	245.9	181.1	121.4	70.7	33.6
-35°	691.6	606.4	522.8	450.9	373.4	296.1	227.5	175.8	116.4	66.1	32.3
-37.5°	642.6	560.0	484.1	415.0	340.2	271.1	212.2	162.3	109.5	59.6	30.3
-40°	590.4	514.4	445.9	378.3	310.1	244.8	195.7	147.4	100.6	51.3	27.6
-42.5°	536.7	470.4	405.9	341.2	280.1	225.2	177.9	131.1	86.7	45.5	24.2
-45°	486.4	424.8	364.8	307.3	250.2	204.5	158.4	113.7	71.7	40.7	21.5
-47.5°	434.6	379.5	326.0	273.1	226.4	182.2	137.5	96.2	56.1	34.9	20.6
-50°	385.8	336.7	289.4	244.3	201.8	157.5	115.8	77.9	47.8	27.8	19.5
-52.5°	345.3	298.2	256.6	216.7	173.7	131.3	94.9	59.8	38.9	24.2	18.2
-55°	307.5	263.1	226.0	184.9	143.4	107.0	73.3	48.7	29.2	22.2	16.8
-57.5°	272.6	230.4	189.5	149.7	114.2	82.3	56.6	36.8	25.2	20.1	15.9
-60°	235.1	188.9	149.0	116.0	85.3	60.9	42.1	27.5	22.8	18.2	14.9
-62.5°	183.6	144.0	111.2	82.5	61.2	43.9	29.2	24.8	20.3	16.9	13.8
-65°	132.6	101.1	73.9	57.9	42.1	30.1	26.1	21.9	18.6	15.7	12.8
-67.5°	81.8	65.8	50.7	36.5	30.3	26.4	22.8	19.9	17.1	14.3	12.0
-70°	52.4	39.2	33.0	29.5	26.0	22.8	20.6	18.2	15.6	13.4	11.3
-72.5°	33.6	30.7	27.6	24.7	22.7	20.7	18.7	16.6	14.6	12.5	10.5
-75°	27.5	25.4	23.7	22.2	20.3	18.5	16.9	15.4	13.5	11.6	9.9
-77.5°	23.0	21.7	20.7	19.4	17.8	16.4	15.3	14.3	12.5	10.9	9.5
-80°	18.9	18.0	17.1	16.0	15.0	14.2	13.7	13.0	11.6	10.2	9.0
-82.5°	15.4	14.6	13.9	13.3	12.9	12.6	12.2	11.8	10.6	9.5	8.6
-85°	12.5	12.1	11.8	11.5	11.2	11.0	10.8	10.5	9.7	8.9	8.4
-87.5°	10.4	10.2	9.9	9.7	9.6	9.4	9.3	9.2	8.8	8.4	8.1
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	5.1	5.5	5.9



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	7.5	7.1	6.7	6.3	6.3	6.3
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
67.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
65°	6.4	6.4	6.3	6.3	6.3	6.3	6.3
62.5°	6.5	6.5	6.3	6.3	6.3	6.3	6.3
60°	6.6	6.6	6.3	6.3	6.3	6.3	6.3
57.5°	6.9	6.8	6.4	6.3	6.3	6.3	6.3
55°	7.2	6.9	6.6	6.3	6.3	6.3	6.3
52.5°	7.5	7.1	6.8	6.3	6.4	6.3	6.3
50°	7.7	7.3	7.0	6.3	6.4	6.3	6.3
47.5°	7.9	7.5	7.1	6.3	6.4	6.3	6.3
45°	7.9	7.6	7.3	6.5	6.5	6.3	6.3
42.5°	7.9	7.7	7.5	6.6	6.5	6.3	6.3
40°	7.9	7.8	7.7	6.8	6.6	6.3	6.3
37.5°	7.9	7.9	7.7	7.0	6.7	6.3	6.3
35°	7.9	7.9	7.8	7.1	6.7	6.3	6.3
32.5°	7.9	7.9	7.9	7.3	6.8	6.3	6.3
30°	8.1	7.9	7.9	7.4	6.9	6.3	6.3
27.5°	8.3	7.9	7.9	7.5	7.0	6.3	6.3
25°	8.4	7.9	7.9	7.6	7.0	6.3	6.3
22.5°	8.6	7.9	7.9	7.7	7.1	6.3	6.3
20°	8.8	8.0	7.9	7.7	7.2	6.3	6.3
17.5°	9.1	8.2	7.9	7.8	7.3	6.3	6.3
15°	9.4	8.3	7.9	7.8	7.4	6.3	6.3
12.5°	9.7	8.5	7.9	7.9	7.5	6.3	6.3
10°	10.0	8.7	7.9	7.9	7.6	6.3	6.3
7.5°	10.3	8.9	7.9	7.9	7.7	6.3	6.3
5°	10.5	9.0	7.9	7.9	7.7	6.3	6.3
2.5°	10.8	9.2	7.9	7.9	7.8	6.3	6.3
0°	11.0	9.4	7.9	7.9	7.9	6.3	6.3
-2.5°	12.3	9.7	8.0	8.0	7.9	6.3	6.3
-5°	13.5	10.1	8.2	8.1	7.9	6.4	6.3
-7.5°	14.6	10.4	8.3	8.2	7.9	6.4	6.3
-10°	15.6	10.6	8.4	8.3	7.9	6.4	6.3
-12.5°	16.5	10.9	8.6	8.4	7.8	6.5	6.3
-15°	17.2	11.0	8.7	8.4	7.8	6.5	6.3
-17.5°	17.7	11.2	8.8	8.5	7.8	6.5	6.3
-20°	18.2	11.3	8.9	8.5	7.8	6.6	6.3



REPORT NUMBER: P1306162 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.8	11.3	9.1	8.6	7.7	6.6	6.3
-25°	19.1	11.4	9.2	8.6	7.7	6.6	6.3
-27.5°	18.9	11.6	9.3	8.6	7.7	6.6	6.3
-30°	18.3	11.7	9.4	8.6	7.7	6.6	6.3
-32.5°	17.2	11.7	9.6	8.5	7.7	6.7	6.3
-35°	16.8	11.5	9.7	8.5	7.7	6.7	6.3
-37.5°	16.6	11.5	9.8	8.4	7.6	6.7	6.3
-40°	16.3	11.6	9.9	8.3	7.6	6.7	6.3
-42.5°	15.8	11.6	9.9	8.2	7.6	6.7	6.3
-45°	15.2	11.6	9.7	8.1	7.6	6.7	6.3
-47.5°	14.4	11.5	9.6	8.0	7.6	6.7	6.3
-50°	14.1	11.3	9.4	8.0	7.6	6.7	6.3
-52.5°	13.7	11.1	9.2	8.0	7.6	6.7	6.3
-55°	13.2	10.7	9.0	8.0	7.7	6.7	6.3
-57.5°	12.6	10.4	8.7	8.0	7.7	6.7	6.3
-60°	11.9	10.0	8.4	8.0	7.7	6.6	6.3
-62.5°	11.3	9.6	8.4	8.0	7.6	6.6	6.3
-65°	10.7	9.1	8.3	8.0	7.5	6.6	6.3
-67.5°	10.1	8.8	8.2	7.9	7.4	6.6	6.3
-70°	9.4	8.6	8.1	7.9	7.3	6.6	6.3
-72.5°	9.0	8.4	8.0	7.8	7.2	6.5	6.3
-75°	8.7	8.2	7.9	7.6	7.1	6.5	6.3
-77.5°	8.3	8.0	7.8	7.5	7.0	6.5	6.3
-80°	7.9	7.8	7.6	7.3	6.8	6.4	6.3
-82.5°	7.9	7.8	7.5	7.2	6.7	6.4	6.3
-85°	7.9	7.7	7.4	7.0	6.6	6.4	6.3
-87.5°	7.9	7.6	7.2	6.9	6.4	6.3	6.3
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3

(END OF REPORT)