

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: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

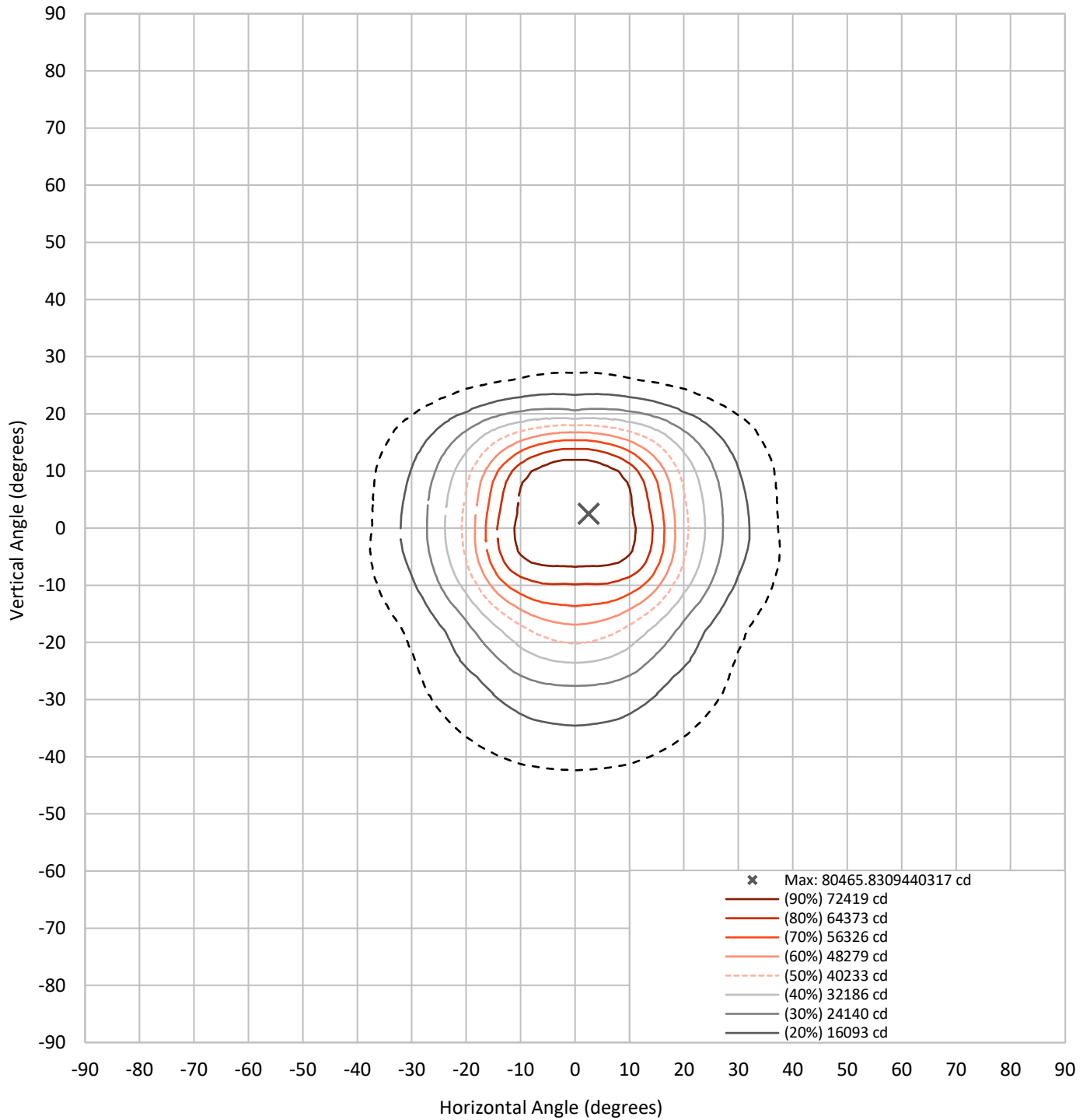
Test Method: LM-79-08
Report Number: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-5S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	42959.5 lumens	Max Intensity:	80465.8 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 2.5°V
Efficacy:	128.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	23670.9 lumens	Field Lumens:	39951.5 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





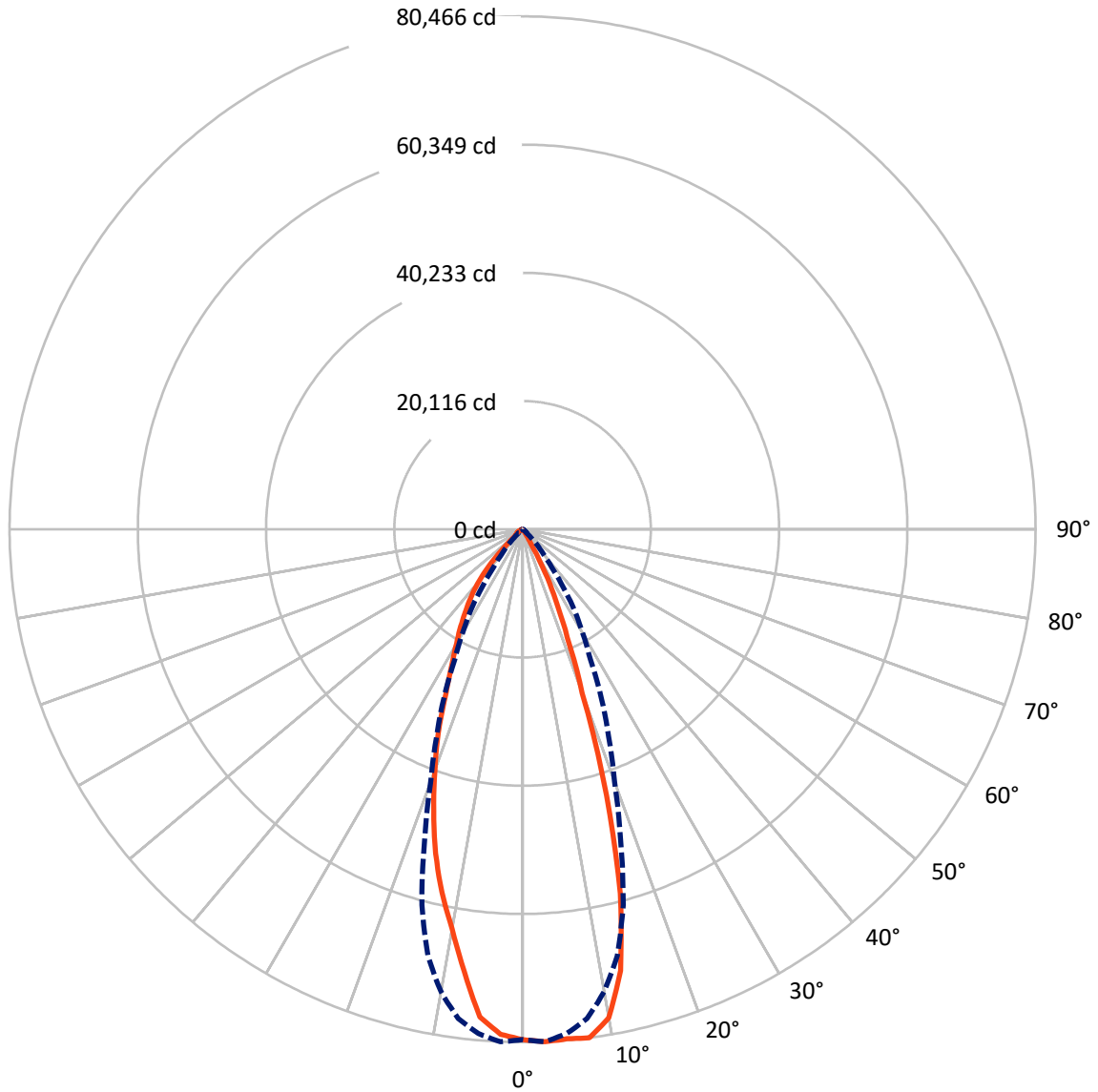
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Lumen Table

90	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.1							
80	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.1							
70	0.1	0.0	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.0	0.1			
60		0.1	0.1	0.4	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.1	0.1				
50	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1			
40		0.1	0.4	1.3	2.8	6.1	14.3	20.4	20.4	14.3	6.1	2.8	1.3	0.4	0.1				
30	0.1	0.2	2.3	8.6	46.8	143.8	289.4	389.3	389.3	289.4	143.8	46.8	8.6	2.3	0.2	0.1			
20		0.7	5.6	30.9	193.0	549.5	1139.2	1640.6	1640.6	1139.2	549.5	193.0	30.9	5.6	0.7				
10	0.1	1.1	7.6	48.8	277.4	790.5	1708.1	2362.0	2362.0	1708.1	790.5	277.4	48.8	7.6	1.1	0.1			
0		1.3	8.1	51.1	279.5	770.7	1683.3	2231.1	2231.1	1683.3	770.7	279.5	51.1	8.1	1.3				
-10	0.2	1.5	7.8	34.3	183.7	508.4	1081.4	1538.2	1538.2	1081.4	508.4	183.7	34.3	7.8	1.5	0.2			
-20		1.5	7.4	19.1	108.3	311.3	605.2	855.9	855.9	605.2	311.3	108.3	19.1	7.4	1.5				
-30	0.2	1.2	6.0	14.2	43.5	171.6	334.9	458.3	458.3	334.9	171.6	43.5	14.2	6.0	1.2	0.2			
-40		0.8	3.9	11.1	21.4	39.9	94.6	147.1	147.1	94.6	39.9	21.4	11.1	3.9	0.8				
-50	0.1	0.4	1.9	6.1	13.1	21.4	29.2	33.8	33.8	29.2	21.4	13.1	6.1	1.9	0.4	0.1			
-60		0.2	0.7	2.1	4.5	7.7	11.3	13.3	13.3	11.3	7.7	4.5	2.1	0.7	0.2				
-70	0.1	0.4	1.5	3.6	4.8	3.6	1.5	0.4	0.1							0.1			
-80		0.4	1.5	3.6	4.8	3.6	1.5	0.4	0.1										
-90	0.1	0.4	1.5	3.6	4.8	3.6	1.5	0.4	0.1							0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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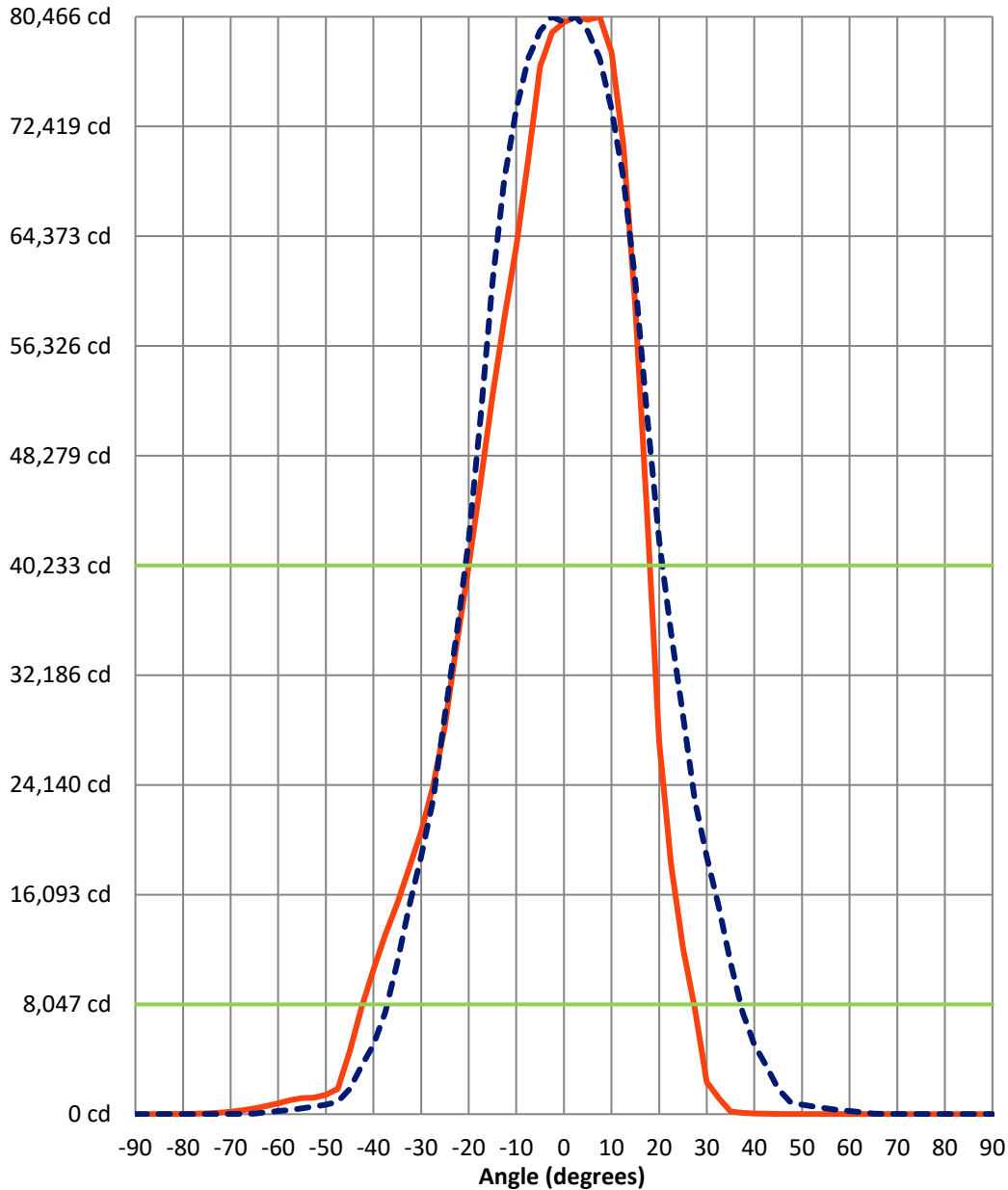
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 23670.9
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 39951.5
 Efficiency: 93.0%

Spill:
 Lumens: 3008
 Efficiency: 7.0%

— Vertical Distribution through 2.5-Deg
 - - Horizontal Distribution through 2.5-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6	2.3
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6	2.3
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.7	2.6
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.1	3.1	3.1
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.4	3.5
75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
57.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6
55°	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.8
52.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.6	3.5	3.8	4.0
50°	3.5	3.5	3.5	3.5	3.5	3.6	3.8	3.7	3.6	4.1	4.6
47.5°	3.5	3.5	3.5	3.5	3.5	3.7	3.9	3.7	3.9	4.4	5.2
45°	3.5	3.5	3.5	3.5	3.5	3.8	4.0	3.8	4.2	4.8	5.7
42.5°	3.5	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.6	5.2	6.1
40°	3.5	3.5	3.5	3.5	3.6	4.1	4.1	4.3	4.9	5.6	6.4
37.5°	3.5	3.5	3.5	3.5	3.7	4.3	4.1	4.5	5.3	6.0	6.7
35°	3.5	3.5	3.5	3.6	3.8	4.4	4.2	4.8	5.6	6.4	7.1
32.5°	3.5	3.5	3.5	3.6	3.9	4.4	4.3	5.1	5.9	6.8	8.1
30°	3.5	3.5	3.5	3.7	4.0	4.5	4.5	5.4	6.2	7.3	9.2
27.5°	3.5	3.5	3.5	3.7	4.1	4.5	4.7	5.6	6.5	7.8	10.5
25°	3.5	3.5	3.5	3.8	4.2	4.6	4.9	5.9	6.9	8.6	11.9
22.5°	3.5	3.5	3.5	3.9	4.3	4.6	5.1	6.1	7.3	9.7	14.7
20°	3.5	3.5	3.5	3.9	4.4	4.6	5.3	6.3	7.7	10.9	17.6
17.5°	3.5	3.5	3.5	4.0	4.5	4.6	5.5	6.5	8.1	12.1	20.7
15°	3.5	3.5	3.5	4.1	4.5	4.6	5.5	6.6	8.5	13.3	23.8
12.5°	3.5	3.5	3.5	4.2	4.6	4.6	5.6	6.7	8.8	14.5	27.0
10°	3.5	3.5	3.5	4.3	4.6	4.6	5.7	6.8	9.2	15.8	30.1
7.5°	3.5	3.5	3.5	4.4	4.6	4.6	5.7	6.8	9.5	17.2	33.1
5°	3.5	3.5	3.5	4.4	4.6	4.6	5.8	6.9	9.9	18.5	35.8
2.5°	3.5	3.5	3.5	4.5	4.6	4.6	5.8	6.9	10.2	19.7	38.2
0°	3.5	3.5	3.5	4.6	4.6	4.6	5.8	6.9	10.4	20.7	40.3
-2.5°	3.5	3.5	3.5	4.6	4.6	4.7	6.1	8.2	13.9	27.0	50.3
-5°	3.5	3.5	3.6	4.6	4.6	4.9	6.4	9.4	17.2	33.0	59.6
-7.5°	3.5	3.5	3.6	4.6	4.6	5.0	6.6	10.5	20.3	38.5	68.1
-10°	3.5	3.5	3.7	4.6	4.6	5.1	6.9	11.5	23.0	43.4	75.7
-12.5°	3.5	3.5	3.7	4.5	4.6	5.2	7.0	12.3	25.2	47.7	82.9
-15°	3.5	3.5	3.8	4.5	4.6	5.3	7.2	12.9	27.3	51.8	89.1
-17.5°	3.5	3.5	3.8	4.5	4.6	5.3	7.3	13.8	29.4	54.9	93.6
-20°	3.5	3.5	3.8	4.5	4.6	5.3	7.6	14.9	30.7	57.0	96.2



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.5	3.5	3.9	4.5	4.6	5.3	8.2	15.7	31.4	57.9	96.8
-25°	3.5	3.5	3.9	4.5	4.6	5.4	8.6	16.2	31.4	57.5	95.3
-27.5°	3.5	3.5	3.9	4.5	4.6	5.5	8.8	16.2	30.5	56.5	94.7
-30°	3.5	3.5	3.9	4.5	4.6	5.5	8.8	15.8	30.0	55.4	92.4
-32.5°	3.5	3.5	3.9	4.5	4.7	5.5	8.6	15.7	29.5	53.3	88.4
-35°	3.5	3.5	3.9	4.5	4.7	5.3	8.4	15.5	28.5	50.0	82.5
-37.5°	3.5	3.5	3.9	4.5	4.8	5.2	8.3	14.9	26.8	45.5	75.0
-40°	3.5	3.5	3.9	4.6	4.8	5.3	7.9	13.9	24.4	42.2	67.6
-42.5°	3.5	3.5	3.9	4.6	4.8	5.3	7.5	12.6	22.5	38.3	59.3
-45°	3.5	3.5	3.8	4.6	4.8	5.3	6.9	11.4	20.6	33.8	50.7
-47.5°	3.5	3.5	3.8	4.6	4.8	5.3	6.2	10.5	18.2	28.9	45.1
-50°	3.5	3.5	3.7	4.5	4.8	5.3	6.0	9.4	15.2	25.5	39.0
-52.5°	3.5	3.5	3.7	4.4	4.8	5.2	5.9	8.1	13.2	21.6	32.6
-55°	3.5	3.5	3.6	4.3	4.7	5.1	5.8	6.8	11.4	17.4	27.7
-57.5°	3.5	3.5	3.6	4.2	4.7	5.1	5.7	6.6	9.4	14.6	22.4
-60°	3.5	3.5	3.5	4.1	4.6	4.9	5.5	6.4	7.7	12.1	17.5
-62.5°	3.5	3.5	3.5	4.0	4.5	4.8	5.3	6.1	7.3	9.3	14.2
-65°	3.5	3.5	3.5	3.9	4.4	4.7	5.1	5.8	6.8	8.2	10.8
-67.5°	3.5	3.5	3.5	3.8	4.3	4.6	4.9	5.5	6.2	7.4	9.0
-70°	3.5	3.5	3.5	3.7	4.2	4.5	4.6	5.2	5.9	6.5	7.8
-72.5°	3.5	3.5	3.5	3.7	4.1	4.4	4.6	4.9	5.5	6.1	6.7
-75°	3.5	3.5	3.5	3.7	4.0	4.4	4.6	4.8	5.2	5.7	6.3
-77.5°	3.5	3.5	3.5	3.7	4.0	4.3	4.6	4.7	5.0	5.4	5.8
-80°	3.5	3.5	3.5	3.6	3.9	4.2	4.6	4.7	4.8	5.1	5.4
-82.5°	3.5	3.5	3.5	3.6	3.8	4.0	4.3	4.5	4.6	4.7	4.9
-85°	3.5	3.5	3.5	3.6	3.7	3.9	4.1	4.2	4.3	4.3	4.4
-87.5°	3.5	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	4.0
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6	2.3



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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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.7	2.6	2.5	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.4
80°	3.1	2.9	2.6	2.3	2.4	2.6	2.9	3.2	3.2	3.0	2.8
77.5°	3.3	3.0	2.7	2.4	2.5	3.0	3.3	3.5	3.4	3.4	3.5
75°	3.3	3.0	2.9	2.9	3.1	3.4	3.5	3.7	3.9	3.9	3.8
72.5°	3.4	3.3	3.3	3.5	3.5	3.7	4.0	4.4	4.6	4.6	4.5
70°	3.5	3.5	3.5	3.5	3.6	3.9	4.5	5.1	5.5	5.7	6.3
67.5°	3.5	3.5	3.5	3.6	4.0	4.6	5.2	6.6	8.3	9.0	9.6
65°	3.5	3.5	3.6	4.0	4.5	5.5	6.9	8.9	12.3	13.9	14.6
62.5°	3.5	3.6	3.9	4.5	5.2	6.4	9.3	13.1	17.4	19.7	19.3
60°	3.5	3.6	4.4	5.3	6.2	8.7	12.6	16.9	22.4	26.3	23.6
57.5°	3.6	4.1	5.2	6.3	8.3	10.8	14.7	20.0	25.5	31.5	27.2
55°	4.0	5.0	6.2	7.7	9.8	11.7	15.7	20.6	26.7	30.5	26.8
52.5°	4.9	5.9	6.9	8.7	10.7	12.3	14.6	19.3	22.9	26.0	23.9
50°	5.6	6.3	7.4	9.5	11.3	12.3	12.2	15.7	18.7	20.1	20.3
47.5°	6.1	6.8	8.1	10.2	11.7	12.0	10.9	12.7	14.9	16.3	15.9
45°	6.5	7.5	9.0	10.8	11.9	11.5	11.4	10.7	13.5	14.8	15.0
42.5°	6.9	8.4	10.2	11.5	12.0	12.6	12.9	13.0	14.4	17.3	18.8
40°	7.6	9.2	11.6	12.8	13.0	15.0	17.0	18.6	19.6	23.5	26.3
37.5°	8.3	10.7	13.5	15.5	15.8	19.3	22.5	32.7	34.8	31.7	41.7
35°	8.9	12.3	17.0	21.9	24.6	25.5	39.6	53.4	59.3	58.1	66.5
32.5°	10.1	14.1	21.7	32.7	43.6	46.4	61.3	84.7	105.5	114.0	108.8
30°	12.1	18.4	29.0	46.4	71.1	98.3	102.5	128.4	170.6	204.9	256.3
27.5°	15.1	24.0	42.2	71.6	111.2	166.8	180.4	202.9	265.6	351.8	517.5
25°	18.6	38.2	57.2	105.3	178.5	243.7	269.4	311.8	384.5	663.3	1044.5
22.5°	26.2	57.1	88.1	144.0	256.9	324.3	370.7	441.9	614.7	1059.9	1801.9
20°	39.8	83.4	127.1	192.9	339.9	409.3	471.7	580.1	965.8	1793.5	2999.6
17.5°	55.9	111.8	167.5	251.9	384.7	479.6	576.2	721.7	1334.2	2649.1	4251.6
15°	73.8	141.8	205.4	302.9	423.9	525.9	660.7	996.1	1919.1	3626.0	5401.5
12.5°	93.0	172.7	240.9	346.4	460.3	569.5	730.1	1230.6	2528.8	4513.4	6583.0
10°	112.8	204.0	274.1	383.1	493.6	609.8	792.9	1444.9	2958.7	4846.4	7149.0
7.5°	125.0	223.6	300.9	413.7	523.7	646.6	848.5	1634.2	3262.9	5014.3	7382.2
5°	134.3	228.6	303.5	422.6	543.0	675.9	891.9	1792.9	3452.0	5038.1	7454.1
2.5°	141.3	230.5	304.1	425.4	554.6	695.7	906.8	1845.4	3538.6	5084.2	7503.9
0°	146.1	230.0	302.5	424.4	562.5	710.9	912.1	1855.3	3540.4	5114.0	7522.6
-2.5°	153.9	238.3	317.9	442.2	571.4	714.1	919.6	1907.5	3712.2	5436.0	8090.3
-5°	159.4	244.5	330.7	456.2	576.6	712.5	918.3	1910.4	3733.8	5510.6	8113.3
-7.5°	162.9	248.6	340.4	464.4	572.0	694.6	886.9	1756.0	3405.3	5172.7	7562.1
-10°	164.9	253.8	347.2	459.6	555.0	665.2	842.4	1565.0	3012.4	4738.0	6895.9
-12.5°	168.7	259.9	351.7	454.0	539.1	632.7	790.0	1343.0	2566.2	4206.6	6123.9
-15°	169.9	263.9	354.0	448.5	525.8	597.9	730.0	1094.2	2119.0	3740.1	5359.7
-17.5°	168.4	265.7	354.1	444.0	516.4	561.1	668.6	879.2	1785.6	3287.1	4781.7
-20°	164.1	265.6	352.2	441.3	510.5	549.1	648.4	832.3	1499.2	2756.6	4235.5



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	157.1	263.3	348.8	436.6	509.9	560.2	631.2	773.3	1139.8	2143.9	3669.4
-25°	152.4	253.4	343.4	424.6	506.5	572.2	612.7	710.2	914.7	1676.0	2906.6
-27.5°	150.2	240.1	327.5	407.4	497.6	579.0	616.2	687.2	831.9	1162.1	2102.9
-30°	145.1	217.7	308.3	385.6	476.8	565.3	629.8	663.4	757.0	949.3	1502.8
-32.5°	134.9	194.8	282.9	362.0	448.0	545.0	632.3	665.4	725.8	836.6	1044.0
-35°	123.2	180.2	255.2	334.7	413.4	511.7	604.1	674.8	701.3	781.4	926.2
-37.5°	112.9	163.1	227.0	304.1	380.3	470.7	572.4	654.7	709.2	744.4	851.4
-40°	100.9	143.5	203.7	272.9	346.8	429.4	523.5	619.5	696.9	763.4	808.3
-42.5°	87.9	128.4	179.6	241.7	313.0	389.5	470.9	566.0	665.1	759.8	829.1
-45°	77.7	111.6	154.2	212.5	277.1	347.7	424.0	504.3	607.8	714.7	811.4
-47.5°	66.4	94.6	133.6	180.8	240.6	305.4	374.6	450.5	535.8	638.6	749.7
-50°	55.5	80.9	110.9	153.1	203.1	261.9	325.2	391.5	466.9	552.5	650.2
-52.5°	48.1	66.1	92.9	125.1	168.0	217.9	273.9	332.4	396.8	467.1	547.4
-55°	40.0	55.7	75.1	101.6	133.9	176.6	222.2	274.2	327.6	388.8	450.6
-57.5°	33.0	45.8	60.9	80.4	106.3	135.7	175.3	216.3	263.8	313.3	362.6
-60°	26.3	36.5	49.0	63.8	81.4	105.6	130.8	165.0	203.0	240.2	281.4
-62.5°	19.8	28.1	37.9	49.5	63.8	78.0	98.0	121.4	146.3	177.0	207.1
-65°	15.6	20.3	27.8	37.1	47.3	59.3	71.8	84.5	104.5	124.4	143.2
-67.5°	11.3	15.5	19.8	25.1	33.7	42.2	51.2	62.2	73.4	83.7	95.9
-70°	9.3	11.0	14.4	18.3	22.1	26.6	34.0	41.8	49.7	57.5	66.3
-72.5°	7.8	9.2	10.7	12.3	15.4	18.4	21.3	24.1	29.1	35.6	41.7
-75°	6.8	7.4	8.5	9.9	11.2	12.4	13.7	16.2	18.7	21.1	23.6
-77.5°	6.2	6.6	7.1	7.7	8.4	9.5	10.5	11.5	12.5	13.5	14.4
-80°	5.6	5.8	6.1	6.4	6.9	7.4	7.9	8.6	9.2	10.0	10.8
-82.5°	5.1	5.2	5.3	5.5	5.6	5.7	5.9	6.2	6.6	7.0	7.4
-85°	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.2	5.2	5.3
-87.5°	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6	2.3	2.3	2.3
87.5°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.0	1.7
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.8
80°	2.7	2.6	2.6	2.5	2.3	2.3	2.3	2.3	2.3	2.0	1.8
77.5°	3.5	3.3	3.0	2.7	2.4	2.3	2.3	2.3	2.3	2.1	1.8
75°	3.6	3.4	3.2	3.1	2.9	2.8	2.7	2.6	2.3	2.3	2.3
72.5°	4.4	4.3	4.3	4.4	4.4	4.3	4.1	3.7	3.3	3.3	3.4
70°	6.7	6.9	7.0	6.9	6.5	5.9	5.5	5.0	4.5	4.4	4.5
67.5°	10.2	10.4	10.0	9.3	8.0	7.0	6.4	5.7	5.0	4.7	5.0
65°	14.5	12.8	11.4	10.2	9.1	8.2	7.4	6.7	5.9	5.8	6.5
62.5°	17.3	13.6	11.5	10.5	9.8	9.1	8.1	7.1	6.3	5.9	6.0
60°	19.6	14.4	10.9	10.0	9.1	8.2	7.2	6.3	5.5	5.0	4.8
57.5°	20.8	14.8	10.0	8.8	7.5	6.3	5.7	5.5	5.1	4.6	4.9
55°	20.0	13.7	8.6	7.6	7.2	6.9	6.7	6.1	5.7	5.4	5.6
52.5°	17.2	12.5	9.1	7.9	7.6	7.2	6.9	6.8	6.7	6.5	6.6
50°	15.3	11.7	9.3	8.0	7.9	8.0	8.0	8.1	8.2	8.3	8.4
47.5°	13.6	11.0	10.4	9.1	9.3	10.1	10.2	10.4	11.0	10.9	10.6
45°	13.6	14.7	14.3	13.5	13.0	18.1	18.5	15.5	18.4	18.0	15.8
42.5°	20.0	21.4	21.7	26.7	36.0	35.6	34.6	39.2	36.1	31.5	28.3
40°	30.9	30.9	36.7	45.0	44.7	43.0	48.7	49.4	49.1	51.7	50.8
37.5°	49.2	49.8	52.4	57.5	66.2	62.1	74.5	82.5	83.8	94.9	103.5
35°	81.8	95.9	83.4	113.2	132.8	128.6	146.7	179.1	148.6	227.5	241.7
32.5°	153.4	185.0	209.2	243.3	287.4	352.5	357.3	588.0	634.1	770.3	956.4
30°	264.1	355.6	531.5	577.4	648.3	918.2	1237.3	1636.7	2007.8	2273.0	2621.7
27.5°	635.7	786.9	1165.9	1577.6	1553.6	2057.9	3199.2	3550.3	4514.1	4834.7	5648.2
25°	1421.9	1784.1	2701.3	3518.7	3935.3	5264.1	6769.9	7449.0	8718.5	9393.6	10389.5
22.5°	2780.5	3774.2	4990.8	6246.1	7810.4	9844.8	11706.3	13065.1	14774.6	16146.9	16959.2
20°	4500.5	5875.4	7748.9	9699.0	12118.6	14791.2	16734.2	19487.1	22058.1	24499.5	25600.7
17.5°	6138.3	8435.5	10702.2	13055.8	16229.8	19725.8	22892.5	26918.7	31181.8	34460.2	37132.7
15°	7526.0	10082.2	13352.6	16165.5	19798.3	24158.0	28865.8	34013.1	40144.0	44803.7	49821.8
12.5°	8807.1	11370.2	14918.6	18278.1	23169.7	28093.6	33587.5	39983.1	47070.3	53963.3	60429.3
10°	9631.9	12585.9	16388.3	20469.7	25480.5	31198.1	37447.6	44612.4	53694.6	61575.0	68859.7
7.5°	10130.8	13694.5	17631.9	21983.9	27348.1	33231.7	39813.3	48259.8	57802.4	66033.7	72578.1
5°	10621.5	14602.8	18434.7	22713.9	28563.7	34550.8	40970.5	49443.1	59285.5	67524.6	73401.4
2.5°	11113.6	15228.1	18875.6	23004.4	29253.9	35296.3	42093.1	51119.6	61012.7	68579.7	73684.7
0°	11563.4	15451.2	19034.2	23077.3	29554.4	35621.9	42541.7	51455.0	62491.6	69769.1	74711.8
-2.5°	11726.5	15439.1	18862.7	22871.4	29303.5	35176.3	42063.2	51668.9	61968.3	69373.6	74392.4
-5°	11230.4	14599.6	17931.3	21991.7	27970.8	34032.7	40966.0	50490.9	60267.6	67934.0	72719.8
-7.5°	10297.6	13341.8	16618.8	20642.4	26075.0	31932.9	38244.5	46564.2	56189.2	63331.2	67100.6
-10°	9321.3	11932.3	15028.1	18752.1	23539.5	29102.5	34334.2	41413.4	50309.3	56641.1	60498.7
-12.5°	8205.2	10324.0	13181.4	16436.4	20709.6	25559.6	30344.7	36332.4	43126.3	49638.7	53654.7
-15°	7033.5	8738.7	11221.4	14344.8	17719.6	21347.2	25772.1	30622.4	36039.8	41318.4	45893.4
-17.5°	6095.7	7411.5	9689.8	12496.7	15070.1	18013.0	22325.9	26268.9	30233.5	34490.8	38302.1
-20°	5492.5	6727.6	8567.9	10911.6	13464.4	16430.9	19763.8	23212.5	26897.9	30166.5	33525.7



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5011.0	6280.5	7700.5	9653.7	12370.9	15096.3	17660.1	20299.3	23356.9	26695.7	29509.8
-25°	4385.6	5716.9	7066.0	8923.8	11211.5	13620.4	15508.0	17387.1	20145.9	22985.3	25311.6
-27.5°	3516.0	5021.2	6596.2	8108.4	10058.5	11771.7	13430.5	15133.5	17539.0	19935.8	21674.0
-30°	2509.0	4247.5	5883.3	7428.4	8767.3	10116.4	11503.6	13247.0	15257.8	17186.3	18663.9
-32.5°	1835.9	3138.6	4907.6	6484.5	7794.8	8924.1	9989.5	11540.8	13114.0	14660.4	16072.6
-35°	1171.5	2123.6	3502.1	5107.9	6646.2	7845.2	9003.6	10127.5	11310.0	12627.9	13850.0
-37.5°	1008.6	1264.6	2111.5	3309.6	4783.8	6350.6	7489.5	8608.4	9815.4	10805.6	11833.0
-40°	914.1	1047.9	1262.4	1687.4	2800.6	3905.9	5185.5	6382.2	7535.9	8552.3	9491.1
-42.5°	872.8	952.9	1039.5	1200.7	1380.4	1910.4	2843.2	3714.6	4741.4	5761.6	6652.7
-45°	893.7	921.3	965.3	1044.6	1118.1	1267.4	1424.7	1588.9	2290.6	3026.2	3656.7
-47.5°	836.5	916.7	959.4	993.9	1031.7	1096.7	1163.9	1255.4	1413.5	1573.8	1700.9
-50°	741.6	827.0	902.0	975.9	1011.7	1037.6	1065.3	1118.9	1192.4	1267.8	1323.4
-52.5°	623.5	706.1	788.7	863.6	924.6	983.6	1041.9	1085.8	1124.1	1162.1	1180.4
-55°	517.8	586.8	653.2	720.7	787.3	850.4	915.0	980.8	1041.8	1098.3	1126.2
-57.5°	418.5	476.3	533.6	585.0	638.0	692.0	751.9	815.7	878.9	938.0	968.5
-60°	324.3	368.6	415.4	457.4	496.8	533.7	585.5	637.9	688.1	730.9	753.6
-62.5°	237.1	271.5	307.1	340.4	372.0	403.4	442.3	480.2	516.6	546.1	563.2
-65°	164.4	190.0	213.8	236.9	259.3	286.0	315.5	343.9	370.8	390.9	402.3
-67.5°	112.2	127.4	140.7	153.2	169.3	188.1	208.7	228.2	246.3	259.4	268.2
-70°	75.0	83.2	90.6	99.0	109.2	119.5	130.6	141.7	152.4	159.8	164.4
-72.5°	47.6	52.8	57.9	63.7	69.1	74.6	80.0	85.0	89.6	93.9	97.9
-75°	26.1	28.8	32.8	36.5	39.9	43.6	47.1	50.3	53.0	54.9	56.3
-77.5°	16.0	17.8	19.4	20.8	22.1	23.7	25.5	27.4	29.3	30.5	31.5
-80°	11.6	12.2	12.7	13.3	13.9	14.4	14.8	15.2	15.5	15.9	16.4
-82.5°	7.9	8.2	8.5	8.8	9.1	9.6	10.1	10.6	11.0	11.4	11.9
-85°	5.4	5.3	5.3	5.3	5.4	5.7	6.0	6.3	6.7	6.7	6.8
-87.5°	4.4	4.2	4.0	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-90°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.2	2.2
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
72.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.7
70°	4.5	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.5	5.0
67.5°	5.4	5.7	5.8	5.8	5.8	5.7	5.4	5.0	4.7	5.0	5.7
65°	7.2	7.9	7.5	6.9	7.5	7.9	7.2	6.5	5.8	5.9	6.7
62.5°	6.0	5.9	5.8	5.8	5.8	5.9	6.0	6.0	5.9	6.3	7.1
60°	4.7	4.7	4.6	4.6	4.6	4.7	4.7	4.8	5.0	5.5	6.3
57.5°	5.2	5.6	5.8	5.8	5.8	5.6	5.2	4.9	4.6	5.1	5.5
55°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.7	6.1
52.5°	6.7	6.8	6.9	6.9	6.9	6.8	6.7	6.6	6.5	6.7	6.8
50°	8.3	8.2	8.1	8.1	8.1	8.2	8.3	8.4	8.3	8.2	8.1
47.5°	10.6	10.4	10.4	10.4	10.4	10.4	10.6	10.6	10.9	11.0	10.4
45°	15.7	15.3	14.9	15.0	14.9	15.3	15.7	15.8	18.0	18.4	15.5
42.5°	30.1	31.1	32.4	34.5	32.4	31.1	30.1	28.3	31.5	36.1	39.2
40°	51.3	49.8	47.9	48.3	47.9	49.8	51.3	50.8	51.7	49.1	49.4
37.5°	106.7	102.7	95.0	89.7	95.0	102.7	106.7	103.5	94.9	83.8	82.5
35°	219.3	214.1	201.5	197.8	201.5	214.1	219.3	241.7	227.5	148.6	179.1
32.5°	1032.1	1150.5	1187.7	1189.4	1187.7	1150.5	1032.1	956.4	770.3	634.1	588.0
30°	2648.8	2620.1	2364.5	2101.5	2364.5	2620.1	2648.8	2621.7	2273.0	2007.8	1636.7
27.5°	6375.0	7153.7	7716.2	7534.1	7716.2	7153.7	6375.0	5648.2	4834.7	4514.1	3550.3
25°	11481.9	12033.1	12213.9	11945.3	12213.9	12033.1	11481.9	10389.5	9393.6	8718.5	7449.0
22.5°	18026.3	18357.3	18328.5	17724.1	18328.5	18357.3	18026.3	16959.2	16146.9	14774.6	13065.1
20°	27146.1	27093.4	27364.5	26134.7	27364.5	27093.4	27146.1	25600.7	24499.5	22058.1	19487.1
17.5°	40044.8	42163.4	43776.4	43621.8	43776.4	42163.4	40044.8	37132.7	34460.2	31181.8	26918.7
15°	53746.7	56947.8	59135.7	59277.8	59135.7	56947.8	53746.7	49821.8	44803.7	40144.0	34013.1
12.5°	65657.4	69080.7	70938.9	70656.6	70938.9	69080.7	65657.4	60429.3	53963.3	47070.3	39983.1
10°	73244.8	75879.8	77835.4	78321.2	77835.4	75879.8	73244.8	68859.7	61575.0	53694.6	44612.4
7.5°	76287.3	78753.4	80458.1	80432.5	80458.1	78753.4	76287.3	72578.1	66033.7	57802.4	48259.8
5°	76850.3	79278.4	80243.3	80426.2	80243.3	79278.4	76850.3	73401.4	67524.6	59285.5	49443.1
2.5°	77404.0	79417.1	80465.8	80067.3	80465.8	79417.1	77404.0	73684.7	68579.7	61012.7	51119.6
0°	77620.7	79234.5	80054.1	79800.4	80054.1	79234.5	77620.7	74711.8	69769.1	62491.6	51455.0
-2.5°	77546.5	78608.0	79301.8	79062.0	79301.8	78608.0	77546.5	74392.4	69373.6	61968.3	51668.9
-5°	75562.1	76476.2	76799.5	76976.6	76799.5	76476.2	75562.1	72719.8	67934.0	60267.6	50490.9
-7.5°	69184.9	70386.5	70000.1	70582.9	70000.1	70386.5	69184.9	67100.6	63331.2	56189.2	46564.2
-10°	62876.2	64045.5	63644.3	64020.2	63644.3	64045.5	62876.2	60498.7	56641.1	50309.3	41413.4
-12.5°	56927.2	58398.1	58376.2	58909.7	58376.2	58398.1	56927.2	53654.7	49638.7	43126.3	36332.4
-15°	49775.1	51648.4	52668.6	53323.0	52668.6	51648.4	49775.1	45893.4	41318.4	36039.8	30622.4
-17.5°	42220.0	44629.0	46345.2	46609.0	46345.2	44629.0	42220.0	38302.1	34490.8	30233.5	26268.9
-20°	36411.7	38583.5	40198.7	40719.8	40198.7	38583.5	36411.7	33525.7	30166.5	26897.9	23212.5



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	31546.1	33338.2	34506.1	34793.7	34506.1	33338.2	31546.1	29509.8	26695.7	23356.9	20299.3
-25°	26835.9	27838.0	28451.0	28682.5	28451.0	27838.0	26835.9	25311.6	22985.3	20145.9	17387.1
-27.5°	23002.4	23717.1	24023.2	24143.6	24023.2	23717.1	23002.4	21674.0	19935.8	17539.0	15133.5
-30°	19793.4	20342.2	20678.5	20803.3	20678.5	20342.2	19793.4	18663.9	17186.3	15257.8	13247.0
-32.5°	17151.8	17698.1	18052.4	18179.6	18052.4	17698.1	17151.8	16072.6	14660.4	13114.0	11540.8
-35°	14678.5	15130.0	15452.9	15603.1	15452.9	15130.0	14678.5	13850.0	12627.9	11310.0	10127.5
-37.5°	12492.2	12899.6	13168.5	13252.0	13168.5	12899.6	12492.2	11833.0	10805.6	9815.4	8608.4
-40°	10020.1	10387.8	10592.3	10582.2	10592.3	10387.8	10020.1	9491.1	8552.3	7535.9	6382.2
-42.5°	7179.2	7550.5	7813.0	8010.3	7813.0	7550.5	7179.2	6652.7	5761.6	4741.4	3714.6
-45°	4078.6	4383.7	4580.1	4672.3	4580.1	4383.7	4078.6	3656.7	3026.2	2290.6	1588.9
-47.5°	1776.4	1831.8	1859.6	1859.9	1859.6	1831.8	1776.4	1700.9	1573.8	1413.5	1255.4
-50°	1363.7	1398.5	1418.6	1424.0	1418.6	1398.5	1363.7	1323.4	1267.8	1192.4	1118.9
-52.5°	1193.2	1205.3	1210.7	1211.2	1210.7	1205.3	1193.2	1180.4	1162.1	1124.1	1085.8
-55°	1149.8	1169.9	1177.9	1176.7	1177.9	1169.9	1149.8	1126.2	1098.3	1041.8	980.8
-57.5°	994.0	1014.0	1025.6	1029.5	1025.6	1014.0	994.0	968.5	938.0	878.9	815.7
-60°	771.2	783.7	794.6	801.7	794.6	783.7	771.2	753.6	730.9	688.1	637.9
-62.5°	577.2	587.7	597.8	605.0	597.8	587.7	577.2	563.2	546.1	516.6	480.2
-65°	410.5	415.8	424.2	431.3	424.2	415.8	410.5	402.3	390.9	370.8	343.9
-67.5°	275.0	280.0	283.1	284.1	283.1	280.0	275.0	268.2	259.4	246.3	228.2
-70°	167.5	169.4	173.0	176.0	173.0	169.4	167.5	164.4	159.8	152.4	141.7
-72.5°	101.4	104.4	104.4	103.5	104.4	104.4	101.4	97.9	93.9	89.6	85.0
-75°	57.4	58.1	58.5	58.7	58.5	58.1	57.4	56.3	54.9	53.0	50.3
-77.5°	32.4	33.1	32.7	32.2	32.7	33.1	32.4	31.5	30.5	29.3	27.4
-80°	16.8	17.2	17.3	17.3	17.3	17.2	16.8	16.4	15.9	15.5	15.2
-82.5°	12.3	12.6	12.1	11.5	12.1	12.6	12.3	11.9	11.4	11.0	10.6
-85°	6.8	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.3
-87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-90°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	2.9	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.4
80°	2.3	2.3	2.3	2.5	2.6	2.6	2.7	2.8	3.0	3.2	3.2
77.5°	2.3	2.3	2.4	2.7	3.0	3.3	3.5	3.5	3.4	3.4	3.5
75°	2.7	2.8	2.9	3.1	3.2	3.4	3.6	3.8	3.9	3.9	3.7
72.5°	4.1	4.3	4.4	4.4	4.3	4.3	4.4	4.5	4.6	4.6	4.4
70°	5.5	5.9	6.5	6.9	7.0	6.9	6.7	6.3	5.7	5.5	5.1
67.5°	6.4	7.0	8.0	9.3	10.0	10.4	10.2	9.6	9.0	8.3	6.6
65°	7.4	8.2	9.1	10.2	11.4	12.8	14.5	14.6	13.9	12.3	8.9
62.5°	8.1	9.1	9.8	10.5	11.5	13.6	17.3	19.3	19.7	17.4	13.1
60°	7.2	8.2	9.1	10.0	10.9	14.4	19.6	23.6	26.3	22.4	16.9
57.5°	5.7	6.3	7.5	8.8	10.0	14.8	20.8	27.2	31.5	25.5	20.0
55°	6.7	6.9	7.2	7.6	8.6	13.7	20.0	26.8	30.5	26.7	20.6
52.5°	6.9	7.2	7.6	7.9	9.1	12.5	17.2	23.9	26.0	22.9	19.3
50°	8.0	8.0	7.9	8.0	9.3	11.7	15.3	20.3	20.1	18.7	15.7
47.5°	10.2	10.1	9.3	9.1	10.4	11.0	13.6	15.9	16.3	14.9	12.7
45°	18.5	18.1	13.0	13.5	14.3	14.7	13.6	15.0	14.8	13.5	10.7
42.5°	34.6	35.6	36.0	26.7	21.7	21.4	20.0	18.8	17.3	14.4	13.0
40°	48.7	43.0	44.7	45.0	36.7	30.9	30.9	26.3	23.5	19.6	18.6
37.5°	74.5	62.1	66.2	57.5	52.4	49.8	49.2	41.7	31.7	34.8	32.7
35°	146.7	128.6	132.8	113.2	83.4	95.9	81.8	66.5	58.1	59.3	53.4
32.5°	357.3	352.5	287.4	243.3	209.2	185.0	153.4	108.8	114.0	105.5	84.7
30°	1237.3	918.2	648.3	577.4	531.5	355.6	264.1	256.3	204.9	170.6	128.4
27.5°	3199.2	2057.9	1553.6	1577.6	1165.9	786.9	635.7	517.5	351.8	265.6	202.9
25°	6769.9	5264.1	3935.3	3518.7	2701.3	1784.1	1421.9	1044.5	663.3	384.5	311.8
22.5°	11706.3	9844.8	7810.4	6246.1	4990.8	3774.2	2780.5	1801.9	1059.9	614.7	441.9
20°	16734.2	14791.2	12118.6	9699.0	7748.9	5875.4	4500.5	2999.6	1793.5	965.8	580.1
17.5°	22892.5	19725.8	16229.8	13055.8	10702.2	8435.5	6138.3	4251.6	2649.1	1334.2	721.7
15°	28865.8	24158.0	19798.3	16165.5	13352.6	10082.2	7526.0	5401.5	3626.0	1919.1	996.1
12.5°	33587.5	28093.6	23169.7	18278.1	14918.6	11370.2	8807.1	6583.0	4513.4	2528.8	1230.6
10°	37447.6	31198.1	25480.5	20469.7	16388.3	12585.9	9631.9	7149.0	4846.4	2958.7	1444.9
7.5°	39813.3	33231.7	27348.1	21983.9	17631.9	13694.5	10130.8	7382.2	5014.3	3262.9	1634.2
5°	40970.5	34550.8	28563.7	22713.9	18434.7	14602.8	10621.5	7454.1	5038.1	3452.0	1792.9
2.5°	42093.1	35296.3	29253.9	23004.4	18875.6	15228.1	11113.6	7503.9	5084.2	3538.6	1845.4
0°	42541.7	35621.9	29554.4	23077.3	19034.2	15451.2	11563.4	7522.6	5114.0	3540.4	1855.3
-2.5°	42063.2	35176.3	29303.5	22871.4	18862.7	15439.1	11726.5	8090.3	5436.0	3712.2	1907.5
-5°	40966.0	34032.7	27970.8	21991.7	17931.3	14599.6	11230.4	8113.3	5510.6	3733.8	1910.4
-7.5°	38244.5	31932.9	26075.0	20642.4	16618.8	13341.8	10297.6	7562.1	5172.7	3405.3	1756.0
-10°	34334.2	29102.5	23539.5	18752.1	15028.1	11932.3	9321.3	6895.9	4738.0	3012.4	1565.0
-12.5°	30344.7	25559.6	20709.6	16436.4	13181.4	10324.0	8205.2	6123.9	4206.6	2566.2	1343.0
-15°	25772.1	21347.2	17719.6	14344.8	11221.4	8738.7	7033.5	5359.7	3740.1	2119.0	1094.2
-17.5°	22325.9	18013.0	15070.1	12496.7	9689.8	7411.5	6095.7	4781.7	3287.1	1785.6	879.2
-20°	19763.8	16430.9	13464.4	10911.6	8567.9	6727.6	5492.5	4235.5	2756.6	1499.2	832.3



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17660.1	15096.3	12370.9	9653.7	7700.5	6280.5	5011.0	3669.4	2143.9	1139.8	773.3
-25°	15508.0	13620.4	11211.5	8923.8	7066.0	5716.9	4385.6	2906.6	1676.0	914.7	710.2
-27.5°	13430.5	11771.7	10058.5	8108.4	6596.2	5021.2	3516.0	2102.9	1162.1	831.9	687.2
-30°	11503.6	10116.4	8767.3	7428.4	5883.3	4247.5	2509.0	1502.8	949.3	757.0	663.4
-32.5°	9989.5	8924.1	7794.8	6484.5	4907.6	3138.6	1835.9	1044.0	836.6	725.8	665.4
-35°	9003.6	7845.2	6646.2	5107.9	3502.1	2123.6	1171.5	926.2	781.4	701.3	674.8
-37.5°	7489.5	6350.6	4783.8	3309.6	2111.5	1264.6	1008.6	851.4	744.4	709.2	654.7
-40°	5185.5	3905.9	2800.6	1687.4	1262.4	1047.9	914.1	808.3	763.4	696.9	619.5
-42.5°	2843.2	1910.4	1380.4	1200.7	1039.5	952.9	872.8	829.1	759.8	665.1	566.0
-45°	1424.7	1267.4	1118.1	1044.6	965.3	921.3	893.7	811.4	714.7	607.8	504.3
-47.5°	1163.9	1096.7	1031.7	993.9	959.4	916.7	836.5	749.7	638.6	535.8	450.5
-50°	1065.3	1037.6	1011.7	975.9	902.0	827.0	741.6	650.2	552.5	466.9	391.5
-52.5°	1041.9	983.6	924.6	863.6	788.7	706.1	623.5	547.4	467.1	396.8	332.4
-55°	915.0	850.4	787.3	720.7	653.2	586.8	517.8	450.6	388.8	327.6	274.2
-57.5°	751.9	692.0	638.0	585.0	533.6	476.3	418.5	362.6	313.3	263.8	216.3
-60°	585.5	533.7	496.8	457.4	415.4	368.6	324.3	281.4	240.2	203.0	165.0
-62.5°	442.3	403.4	372.0	340.4	307.1	271.5	237.1	207.1	177.0	146.3	121.4
-65°	315.5	286.0	259.3	236.9	213.8	190.0	164.4	143.2	124.4	104.5	84.5
-67.5°	208.7	188.1	169.3	153.2	140.7	127.4	112.2	95.9	83.7	73.4	62.2
-70°	130.6	119.5	109.2	99.0	90.6	83.2	75.0	66.3	57.5	49.7	41.8
-72.5°	80.0	74.6	69.1	63.7	57.9	52.8	47.6	41.7	35.6	29.1	24.1
-75°	47.1	43.6	39.9	36.5	32.8	28.8	26.1	23.6	21.1	18.7	16.2
-77.5°	25.5	23.7	22.1	20.8	19.4	17.8	16.0	14.4	13.5	12.5	11.5
-80°	14.8	14.4	13.9	13.3	12.7	12.2	11.6	10.8	10.0	9.2	8.6
-82.5°	10.1	9.6	9.1	8.8	8.5	8.2	7.9	7.4	7.0	6.6	6.2
-85°	6.0	5.7	5.4	5.3	5.3	5.3	5.4	5.3	5.2	5.2	5.1
-87.5°	3.5	3.5	3.5	3.7	4.0	4.2	4.4	4.4	4.3	4.3	4.3
-90°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2
82.5°	2.3	2.3	2.3	2.3	2.5	2.6	2.7	2.6	2.7	2.9	3.2
80°	2.9	2.6	2.4	2.3	2.6	2.9	3.1	3.1	3.1	3.1	3.3
77.5°	3.3	3.0	2.5	2.4	2.7	3.0	3.3	3.5	3.4	3.3	3.4
75°	3.5	3.4	3.1	2.9	2.9	3.0	3.3	3.5	3.5	3.5	3.5
72.5°	4.0	3.7	3.5	3.5	3.3	3.3	3.4	3.5	3.5	3.5	3.5
70°	4.5	3.9	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	5.2	4.6	4.0	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	6.9	5.5	4.5	4.0	3.6	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	9.3	6.4	5.2	4.5	3.9	3.6	3.5	3.5	3.5	3.5	3.5
60°	12.6	8.7	6.2	5.3	4.4	3.6	3.5	3.5	3.5	3.5	3.5
57.5°	14.7	10.8	8.3	6.3	5.2	4.1	3.6	3.6	3.5	3.5	3.5
55°	15.7	11.7	9.8	7.7	6.2	5.0	4.0	3.8	3.5	3.5	3.6
52.5°	14.6	12.3	10.7	8.7	6.9	5.9	4.9	4.0	3.8	3.5	3.6
50°	12.2	12.3	11.3	9.5	7.4	6.3	5.6	4.6	4.1	3.6	3.7
47.5°	10.9	12.0	11.7	10.2	8.1	6.8	6.1	5.2	4.4	3.9	3.7
45°	11.4	11.5	11.9	10.8	9.0	7.5	6.5	5.7	4.8	4.2	3.8
42.5°	12.9	12.6	12.0	11.5	10.2	8.4	6.9	6.1	5.2	4.6	4.0
40°	17.0	15.0	13.0	12.8	11.6	9.2	7.6	6.4	5.6	4.9	4.3
37.5°	22.5	19.3	15.8	15.5	13.5	10.7	8.3	6.7	6.0	5.3	4.5
35°	39.6	25.5	24.6	21.9	17.0	12.3	8.9	7.1	6.4	5.6	4.8
32.5°	61.3	46.4	43.6	32.7	21.7	14.1	10.1	8.1	6.8	5.9	5.1
30°	102.5	98.3	71.1	46.4	29.0	18.4	12.1	9.2	7.3	6.2	5.4
27.5°	180.4	166.8	111.2	71.6	42.2	24.0	15.1	10.5	7.8	6.5	5.6
25°	269.4	243.7	178.5	105.3	57.2	38.2	18.6	11.9	8.6	6.9	5.9
22.5°	370.7	324.3	256.9	144.0	88.1	57.1	26.2	14.7	9.7	7.3	6.1
20°	471.7	409.3	339.9	192.9	127.1	83.4	39.8	17.6	10.9	7.7	6.3
17.5°	576.2	479.6	384.7	251.9	167.5	111.8	55.9	20.7	12.1	8.1	6.5
15°	660.7	525.9	423.9	302.9	205.4	141.8	73.8	23.8	13.3	8.5	6.6
12.5°	730.1	569.5	460.3	346.4	240.9	172.7	93.0	27.0	14.5	8.8	6.7
10°	792.9	609.8	493.6	383.1	274.1	204.0	112.8	30.1	15.8	9.2	6.8
7.5°	848.5	646.6	523.7	413.7	300.9	223.6	125.0	33.1	17.2	9.5	6.8
5°	891.9	675.9	543.0	422.6	303.5	228.6	134.3	35.8	18.5	9.9	6.9
2.5°	906.8	695.7	554.6	425.4	304.1	230.5	141.3	38.2	19.7	10.2	6.9
0°	912.1	710.9	562.5	424.4	302.5	230.0	146.1	40.3	20.7	10.4	6.9
-2.5°	919.6	714.1	571.4	442.2	317.9	238.3	153.9	50.3	27.0	13.9	8.2
-5°	918.3	712.5	576.6	456.2	330.7	244.5	159.4	59.6	33.0	17.2	9.4
-7.5°	886.9	694.6	572.0	464.4	340.4	248.6	162.9	68.1	38.5	20.3	10.5
-10°	842.4	665.2	555.0	459.6	347.2	253.8	164.9	75.7	43.4	23.0	11.5
-12.5°	790.0	632.7	539.1	454.0	351.7	259.9	168.7	82.9	47.7	25.2	12.3
-15°	730.0	597.9	525.8	448.5	354.0	263.9	169.9	89.1	51.8	27.3	12.9
-17.5°	668.6	561.1	516.4	444.0	354.1	265.7	168.4	93.6	54.9	29.4	13.8
-20°	648.4	549.1	510.5	441.3	352.2	265.6	164.1	96.2	57.0	30.7	14.9



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	631.2	560.2	509.9	436.6	348.8	263.3	157.1	96.8	57.9	31.4	15.7
-25°	612.7	572.2	506.5	424.6	343.4	253.4	152.4	95.3	57.5	31.4	16.2
-27.5°	616.2	579.0	497.6	407.4	327.5	240.1	150.2	94.7	56.5	30.5	16.2
-30°	629.8	565.3	476.8	385.6	308.3	217.7	145.1	92.4	55.4	30.0	15.8
-32.5°	632.3	545.0	448.0	362.0	282.9	194.8	134.9	88.4	53.3	29.5	15.7
-35°	604.1	511.7	413.4	334.7	255.2	180.2	123.2	82.5	50.0	28.5	15.5
-37.5°	572.4	470.7	380.3	304.1	227.0	163.1	112.9	75.0	45.5	26.8	14.9
-40°	523.5	429.4	346.8	272.9	203.7	143.5	100.9	67.6	42.2	24.4	13.9
-42.5°	470.9	389.5	313.0	241.7	179.6	128.4	87.9	59.3	38.3	22.5	12.6
-45°	424.0	347.7	277.1	212.5	154.2	111.6	77.7	50.7	33.8	20.6	11.4
-47.5°	374.6	305.4	240.6	180.8	133.6	94.6	66.4	45.1	28.9	18.2	10.5
-50°	325.2	261.9	203.1	153.1	110.9	80.9	55.5	39.0	25.5	15.2	9.4
-52.5°	273.9	217.9	168.0	125.1	92.9	66.1	48.1	32.6	21.6	13.2	8.1
-55°	222.2	176.6	133.9	101.6	75.1	55.7	40.0	27.7	17.4	11.4	6.8
-57.5°	175.3	135.7	106.3	80.4	60.9	45.8	33.0	22.4	14.6	9.4	6.6
-60°	130.8	105.6	81.4	63.8	49.0	36.5	26.3	17.5	12.1	7.7	6.4
-62.5°	98.0	78.0	63.8	49.5	37.9	28.1	19.8	14.2	9.3	7.3	6.1
-65°	71.8	59.3	47.3	37.1	27.8	20.3	15.6	10.8	8.2	6.8	5.8
-67.5°	51.2	42.2	33.7	25.1	19.8	15.5	11.3	9.0	7.4	6.2	5.5
-70°	34.0	26.6	22.1	18.3	14.4	11.0	9.3	7.8	6.5	5.9	5.2
-72.5°	21.3	18.4	15.4	12.3	10.7	9.2	7.8	6.7	6.1	5.5	4.9
-75°	13.7	12.4	11.2	9.9	8.5	7.4	6.8	6.3	5.7	5.2	4.8
-77.5°	10.5	9.5	8.4	7.7	7.1	6.6	6.2	5.8	5.4	5.0	4.7
-80°	7.9	7.4	6.9	6.4	6.1	5.8	5.6	5.4	5.1	4.8	4.7
-82.5°	5.9	5.7	5.6	5.5	5.3	5.2	5.1	4.9	4.7	4.6	4.5
-85°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.2
-87.5°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
57.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
55°	3.6	3.5	3.5	3.5	3.5	3.5	3.5
52.5°	3.7	3.5	3.5	3.5	3.5	3.5	3.5
50°	3.8	3.6	3.5	3.5	3.5	3.5	3.5
47.5°	3.9	3.7	3.5	3.5	3.5	3.5	3.5
45°	4.0	3.8	3.5	3.5	3.5	3.5	3.5
42.5°	4.0	4.0	3.5	3.5	3.5	3.5	3.5
40°	4.1	4.1	3.6	3.5	3.5	3.5	3.5
37.5°	4.1	4.3	3.7	3.5	3.5	3.5	3.5
35°	4.2	4.4	3.8	3.6	3.5	3.5	3.5
32.5°	4.3	4.4	3.9	3.6	3.5	3.5	3.5
30°	4.5	4.5	4.0	3.7	3.5	3.5	3.5
27.5°	4.7	4.5	4.1	3.7	3.5	3.5	3.5
25°	4.9	4.6	4.2	3.8	3.5	3.5	3.5
22.5°	5.1	4.6	4.3	3.9	3.5	3.5	3.5
20°	5.3	4.6	4.4	3.9	3.5	3.5	3.5
17.5°	5.5	4.6	4.5	4.0	3.5	3.5	3.5
15°	5.5	4.6	4.5	4.1	3.5	3.5	3.5
12.5°	5.6	4.6	4.6	4.2	3.5	3.5	3.5
10°	5.7	4.6	4.6	4.3	3.5	3.5	3.5
7.5°	5.7	4.6	4.6	4.4	3.5	3.5	3.5
5°	5.8	4.6	4.6	4.4	3.5	3.5	3.5
2.5°	5.8	4.6	4.6	4.5	3.5	3.5	3.5
0°	5.8	4.6	4.6	4.6	3.5	3.5	3.5
-2.5°	6.1	4.7	4.6	4.6	3.5	3.5	3.5
-5°	6.4	4.9	4.6	4.6	3.6	3.5	3.5
-7.5°	6.6	5.0	4.6	4.6	3.6	3.5	3.5
-10°	6.9	5.1	4.6	4.6	3.7	3.5	3.5
-12.5°	7.0	5.2	4.6	4.5	3.7	3.5	3.5
-15°	7.2	5.3	4.6	4.5	3.8	3.5	3.5
-17.5°	7.3	5.3	4.6	4.5	3.8	3.5	3.5
-20°	7.6	5.3	4.6	4.5	3.8	3.5	3.5



REPORT NUMBER: P1306077 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.2	5.3	4.6	4.5	3.9	3.5	3.5
-25°	8.6	5.4	4.6	4.5	3.9	3.5	3.5
-27.5°	8.8	5.5	4.6	4.5	3.9	3.5	3.5
-30°	8.8	5.5	4.6	4.5	3.9	3.5	3.5
-32.5°	8.6	5.5	4.7	4.5	3.9	3.5	3.5
-35°	8.4	5.3	4.7	4.5	3.9	3.5	3.5
-37.5°	8.3	5.2	4.8	4.5	3.9	3.5	3.5
-40°	7.9	5.3	4.8	4.6	3.9	3.5	3.5
-42.5°	7.5	5.3	4.8	4.6	3.9	3.5	3.5
-45°	6.9	5.3	4.8	4.6	3.8	3.5	3.5
-47.5°	6.2	5.3	4.8	4.6	3.8	3.5	3.5
-50°	6.0	5.3	4.8	4.5	3.7	3.5	3.5
-52.5°	5.9	5.2	4.8	4.4	3.7	3.5	3.5
-55°	5.8	5.1	4.7	4.3	3.6	3.5	3.5
-57.5°	5.7	5.1	4.7	4.2	3.6	3.5	3.5
-60°	5.5	4.9	4.6	4.1	3.5	3.5	3.5
-62.5°	5.3	4.8	4.5	4.0	3.5	3.5	3.5
-65°	5.1	4.7	4.4	3.9	3.5	3.5	3.5
-67.5°	4.9	4.6	4.3	3.8	3.5	3.5	3.5
-70°	4.6	4.5	4.2	3.7	3.5	3.5	3.5
-72.5°	4.6	4.4	4.1	3.7	3.5	3.5	3.5
-75°	4.6	4.4	4.0	3.7	3.5	3.5	3.5
-77.5°	4.6	4.3	4.0	3.7	3.5	3.5	3.5
-80°	4.6	4.2	3.9	3.6	3.5	3.5	3.5
-82.5°	4.3	4.0	3.8	3.6	3.5	3.5	3.5
-85°	4.1	3.9	3.7	3.6	3.5	3.5	3.5
-87.5°	3.8	3.7	3.6	3.5	3.5	3.5	3.5
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5

(END OF REPORT)