

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: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-4S-CV5-A**

Issue Date: 2/3/2026

Test Information

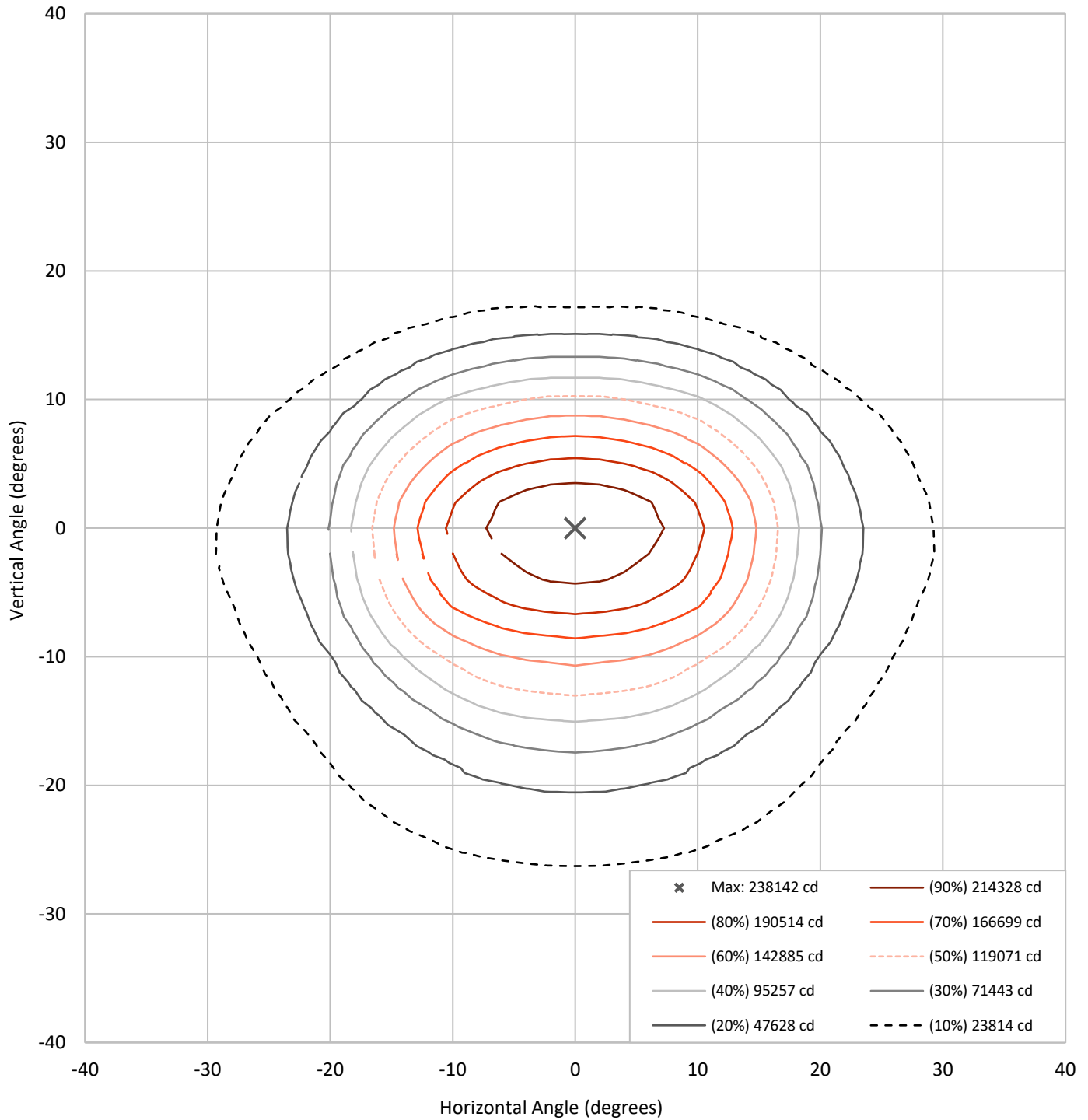
Test Method: LM-79-08
Report Number: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-70-4S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	62865.3 lumens	Max Intensity:	238142 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	31807.8 lumens	Field Lumens:	54215.9 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





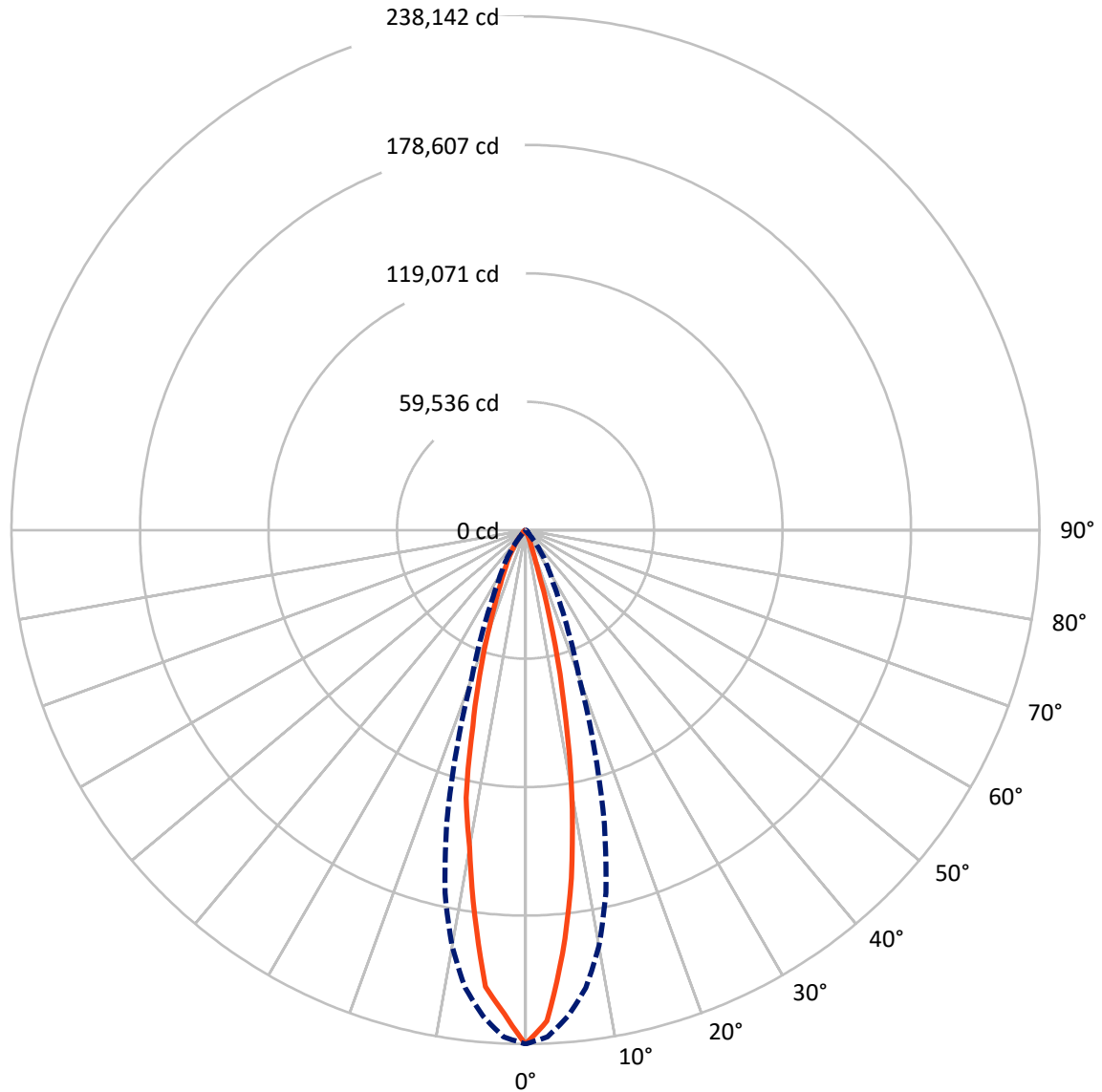
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Lumen Table

90	0.2	0.6		0.9		0.8		0.6		0.8		0.9		0.6		0.2			
80	0.2	0.6		0.9		0.8		0.6		0.8		0.9		0.6		0.2			
70	0.2	0.1	0.2	0.5	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.5	0.2	0.1	0.2			
60		0.1	0.4	0.9	0.9	0.3	0.2	0.2	0.2	0.2	0.3	0.9	0.9	0.4	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.6	0.6	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.6	0.9	1.3	2.7	4.9	7.2	7.2	4.9	2.7	1.3	0.9	0.6	0.2				
30	0.3	0.4	1.7	3.5	9.5	26.2	54.3	90.2	90.2	54.3	26.2	9.5	3.5	1.7	0.4	0.3			
20		1.1	5.4	14.2	84.9	265.1	807.7	1509.6	1509.6	807.7	265.1	84.9	14.2	5.4	1.1				
10	0.4	2.0	10.9	35.8	263.3	927.7	3211.9	5465.8	5465.8	3211.9	927.7	263.3	35.8	10.9	2.0	0.4			
0		2.7	13.5	43.0	293.4	1023.6	3537.8	5807.6	5807.6	3537.8	1023.6	293.4	43.0	13.5	2.7				
-10	0.5	2.9	11.9	30.2	173.9	564.2	1565.6	2751.5	2751.5	1565.6	564.2	173.9	30.2	11.9	2.9	0.5			
-20		2.8	10.0	20.2	72.7	282.0	581.2	846.4	846.4	581.2	282.0	72.7	20.2	10.0	2.8				
-30	0.5	2.3	8.4	15.7	29.5	87.8	199.4	282.9	282.9	199.4	87.8	29.5	15.7	8.4	2.3	0.5			
-40		1.5	6.0	12.9	21.0	31.4	45.4	59.6	59.6	45.4	31.4	21.0	12.9	6.0	1.5				
-50	0.3	0.8	3.1	8.3	14.8	20.7	25.4	28.5	28.5	25.4	20.7	14.8	8.3	3.1	0.8	0.3			
-60		0.3	1.2	3.1	6.2	10.0	13.4	15.5	15.5	13.4	10.0	6.2	3.1	1.2	0.3				
-70	0.2	0.9		3.0		7.7		11.0		7.7		3.0		0.9		0.2			
-80		0.9		3.0		7.7		11.0		7.7		3.0		0.9					
-90	0.2	0.9		3.0		7.7		11.0		7.7		3.0		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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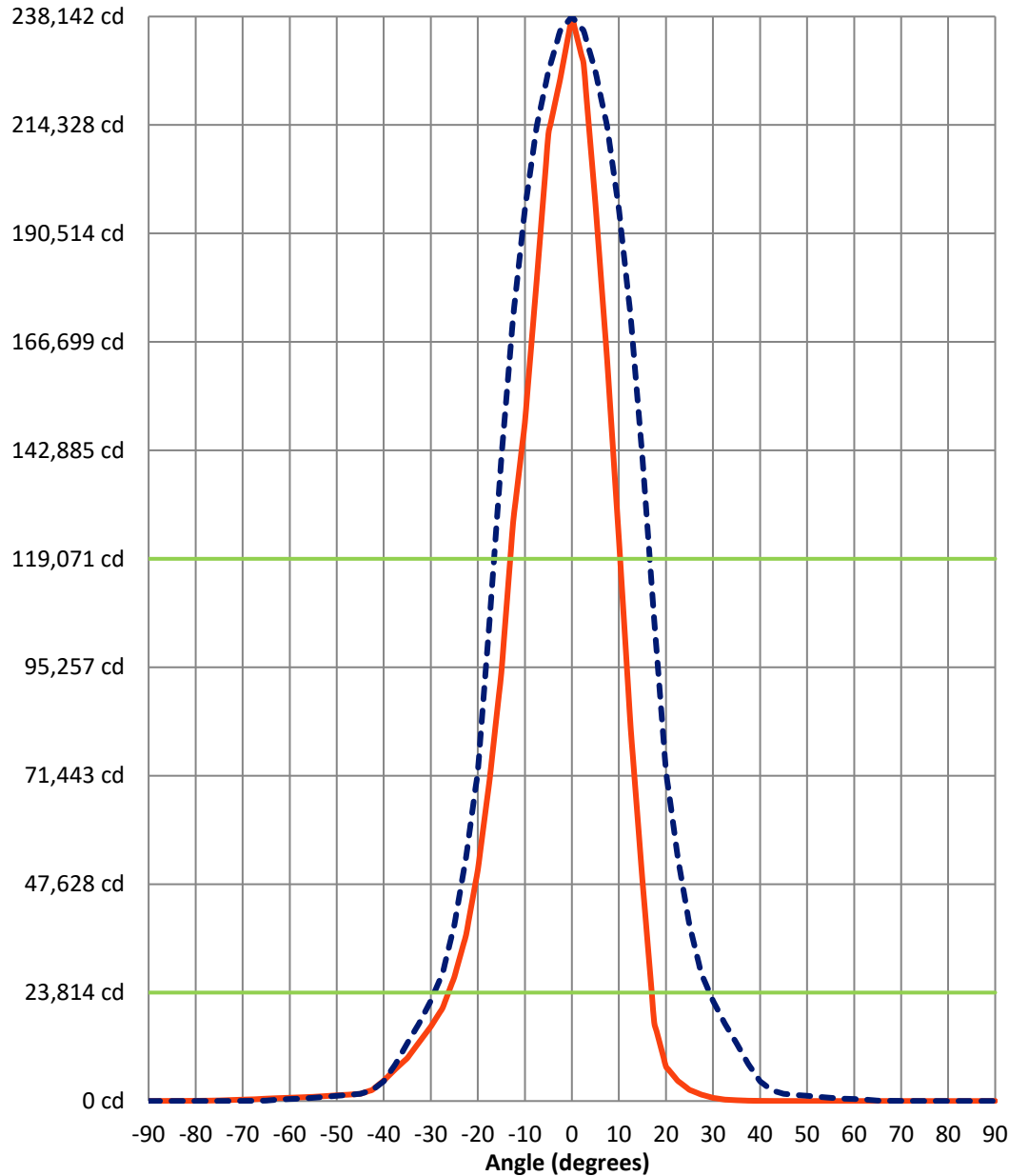
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 23.4°
 Lumens: 31807.8
 Efficiency: 50.6%

Field:
 H Angle: 58.5°
 V Angle: 43.2°
 Lumens: 54215.9
 Efficiency: 86.2%

Spill:
 Lumens: 8649.5
 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°	8.7	9.8	10.9	10.4	9.8	9.3	8.7	9.3	9.8	10.3	10.9
87.5°	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.2	9.1	8.9	8.7
85°	8.7	8.9	9.1	9.3	9.5	9.7	9.8	9.7	9.5	9.1	8.7
82.5°	8.7	9.0	9.3	9.6	9.8	10.1	10.4	10.2	9.9	9.5	9.3
80°	8.7	9.1	9.5	9.8	10.2	10.6	10.9	10.5	10.2	10.1	10.2
77.5°	8.7	9.2	9.7	10.1	10.6	10.9	10.9	10.7	10.6	10.7	10.9
75°	8.7	9.3	9.8	10.4	10.9	10.9	10.9	10.8	10.9	10.9	10.9
72.5°	8.7	9.4	10.0	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9
70°	8.7	9.5	10.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
67.5°	8.7	9.5	10.4	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
65°	8.7	9.6	10.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
62.5°	8.7	9.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
60°	8.7	9.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
57.5°	8.7	9.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
55°	8.7	10.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
52.5°	8.7	10.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
50°	8.7	10.1	10.9	10.9	10.9	10.9	10.9	11.0	10.9	10.9	11.9
47.5°	8.7	10.2	10.9	10.9	10.9	10.9	10.9	11.2	10.9	10.9	12.8
45°	8.7	10.3	10.9	10.9	10.9	10.9	11.1	11.4	11.0	11.6	13.6
42.5°	8.7	10.3	10.9	10.9	10.9	10.9	11.3	11.5	11.1	12.1	14.1
40°	8.7	10.4	10.9	10.9	10.9	10.9	11.5	11.6	11.4	12.6	14.6
37.5°	8.7	10.4	10.9	10.9	10.9	10.9	11.8	11.8	12.1	13.4	15.0
35°	8.7	10.5	10.9	10.9	10.9	11.0	12.1	11.9	12.7	14.4	15.4
32.5°	8.7	10.6	10.9	10.9	10.9	11.3	12.3	12.0	13.2	15.6	17.0
30°	8.7	10.6	10.9	10.9	10.9	11.5	12.4	12.3	13.8	16.9	18.8
27.5°	8.7	10.7	10.9	10.9	10.9	11.7	12.6	12.7	14.6	18.5	20.9
25°	8.7	10.7	10.9	10.9	10.9	12.0	12.7	13.2	15.8	20.3	23.4
22.5°	8.7	10.7	10.9	10.9	10.9	12.2	12.8	13.6	17.1	22.1	27.9
20°	8.7	10.8	10.9	10.9	10.9	12.4	13.0	14.0	18.4	24.1	32.8
17.5°	8.7	10.8	10.9	10.9	10.9	12.5	13.1	14.4	19.8	26.2	37.9
15°	8.7	10.8	10.9	10.9	10.9	12.6	13.4	15.0	21.2	28.3	43.1
12.5°	8.7	10.8	10.9	10.9	10.9	12.7	13.6	16.1	23.2	30.5	48.4
10°	8.7	10.9	10.9	10.9	10.9	12.8	13.9	17.2	25.7	34.9	55.3
7.5°	8.7	10.9	10.9	10.9	10.9	12.9	14.2	18.4	28.1	39.8	65.7
5°	8.7	10.9	10.9	10.9	10.9	13.0	14.6	19.5	30.5	44.8	76.1
2.5°	8.7	10.9	10.9	10.9	10.9	13.0	14.9	20.6	32.7	49.7	86.1
0°	8.7	10.9	10.9	10.9	10.9	13.0	15.2	21.7	34.8	54.3	95.6
-2.5°	8.7	10.9	10.9	10.9	10.9	13.2	16.6	24.7	41.0	65.8	112.9
-5°	8.7	10.9	10.9	10.9	10.9	13.4	18.0	27.6	46.8	76.6	129.0
-7.5°	8.7	10.9	10.9	10.9	10.9	13.6	19.3	30.3	52.2	86.6	143.6
-10°	8.7	10.9	10.9	10.9	10.9	13.7	20.4	32.7	56.9	95.4	156.4
-12.5°	8.7	10.9	10.9	10.9	10.9	13.8	21.3	34.7	60.8	103.0	167.8
-15°	8.7	10.8	10.9	10.9	10.9	13.8	21.9	36.4	64.5	110.3	177.2
-17.5°	8.7	10.8	10.9	10.9	10.9	13.8	22.3	38.2	68.0	115.8	184.3
-20°	8.7	10.8	10.9	10.9	10.9	13.7	22.7	39.8	70.2	119.4	188.7



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 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.7	10.8	10.9	10.9	10.9	13.5	23.2	41.0	70.9	121.0	190.3
-25°	8.7	10.7	10.9	10.9	10.9	13.5	23.3	41.5	70.2	120.4	189.0
-27.5°	8.7	10.7	10.9	10.9	10.9	13.5	22.9	41.4	67.8	118.3	187.9
-30°	8.7	10.7	10.9	10.9	10.9	13.3	22.1	40.7	66.3	115.5	183.8
-32.5°	8.7	10.6	10.9	10.9	11.1	13.0	20.8	39.7	65.3	110.5	176.7
-35°	8.7	10.6	10.9	10.9	11.2	12.4	20.0	38.1	63.4	103.1	166.3
-37.5°	8.7	10.6	10.9	10.9	11.4	12.1	19.4	35.7	60.5	93.3	149.9
-40°	8.7	10.6	10.9	10.9	11.5	12.2	18.4	32.7	56.7	87.0	133.3
-42.5°	8.7	10.5	10.9	10.9	11.6	12.4	17.2	28.9	52.3	79.8	115.6
-45°	8.7	10.5	10.9	11.0	11.7	12.6	15.7	25.6	47.1	71.5	98.1
-47.5°	8.7	10.4	10.9	11.0	11.8	12.7	13.9	23.4	40.9	62.3	87.7
-50°	8.7	10.4	10.9	11.0	11.8	12.9	13.7	20.8	33.0	53.3	76.3
-52.5°	8.7	10.4	10.9	11.1	11.8	13.0	13.9	17.9	27.8	43.7	64.2
-55°	8.7	10.3	10.9	11.1	11.8	13.0	14.1	15.0	23.7	33.6	52.6
-57.5°	8.7	10.3	10.9	11.1	11.7	12.9	14.2	15.2	19.6	27.7	40.5
-60°	8.7	10.3	10.9	11.1	11.7	12.8	14.3	15.3	16.2	23.1	30.3
-62.5°	8.7	10.2	10.9	11.0	11.6	12.6	14.0	15.3	16.0	18.5	25.3
-65°	8.7	10.2	10.9	11.0	11.5	12.4	13.7	15.0	15.7	17.0	20.2
-67.5°	8.7	10.2	10.9	11.0	11.4	12.1	13.3	14.4	15.2	16.2	17.8
-70°	8.7	10.1	10.9	10.9	11.2	11.9	12.9	13.8	14.5	15.2	16.4
-72.5°	8.7	10.1	10.9	10.9	11.1	11.6	12.4	13.2	13.8	14.4	15.0
-75°	8.7	10.1	10.9	10.8	10.9	11.3	12.0	12.5	13.1	13.6	14.1
-77.5°	8.7	10.0	10.9	10.7	10.8	11.0	11.5	11.9	12.4	12.8	13.2
-80°	8.7	10.0	10.9	10.6	10.6	10.7	11.0	11.3	11.7	12.0	12.3
-82.5°	8.7	9.9	10.9	10.6	10.4	10.3	10.4	10.7	10.9	11.2	11.5
-85°	8.7	9.9	10.9	10.5	10.2	10.0	9.8	10.2	10.5	10.8	10.9
-87.5°	8.7	9.8	10.9	10.4	10.0	9.6	9.3	9.7	10.2	10.6	10.9
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7



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 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.4	9.8	9.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.2	7.6	7.1
85°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.4	8.2	8.0
82.5°	9.3	9.3	9.1	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
80°	10.2	9.9	9.3	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7
77.5°	10.5	9.9	9.4	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7
75°	10.5	10.0	9.4	8.9	8.7	8.7	8.8	9.2	9.4	9.5	9.3
72.5°	10.6	10.1	9.5	9.0	9.2	9.7	10.2	10.7	11.2	11.5	11.8
70°	10.7	10.1	9.9	10.0	10.5	11.1	12.1	13.2	14.4	15.1	16.5
67.5°	10.8	10.5	10.6	11.0	11.7	12.8	14.1	17.0	20.0	21.7	23.5
65°	10.9	10.8	11.2	11.9	12.9	15.7	18.9	22.3	27.7	30.8	32.1
62.5°	10.9	11.1	11.6	13.2	16.2	19.7	24.1	30.0	37.3	42.3	42.5
60°	10.9	11.2	12.9	16.0	19.5	23.7	29.6	37.8	48.4	56.4	51.4
57.5°	10.9	12.2	15.2	18.5	22.2	27.0	34.8	45.1	55.3	65.9	56.6
55°	11.5	13.9	16.9	20.3	24.5	29.8	37.8	46.5	57.6	60.8	50.2
52.5°	12.9	15.3	17.9	21.6	26.4	31.0	36.0	43.6	47.1	47.8	39.8
50°	14.1	16.0	18.5	22.5	27.1	30.4	31.5	35.9	36.2	32.9	28.5
47.5°	14.9	16.7	18.7	23.0	27.1	29.1	28.5	27.5	25.3	23.3	18.1
45°	15.5	17.4	19.3	23.5	26.9	27.6	25.1	19.9	20.8	18.5	17.1
42.5°	16.1	18.0	20.9	24.2	26.4	26.2	22.6	21.0	19.5	19.1	18.6
40°	16.6	18.6	23.0	25.9	26.5	25.6	25.8	24.6	21.2	22.6	22.7
37.5°	17.1	20.7	25.9	30.3	27.2	28.7	30.8	31.2	29.4	28.7	31.7
35°	17.5	23.0	31.7	36.5	33.7	34.8	38.9	40.6	41.0	40.9	43.1
32.5°	19.0	25.4	39.3	44.0	45.4	46.1	48.9	53.1	57.8	59.9	57.3
30°	22.0	32.5	48.2	53.2	58.9	67.0	65.1	68.3	79.0	83.3	87.4
27.5°	27.0	41.8	57.0	65.6	75.7	94.1	100.7	94.0	103.2	111.8	124.9
25°	32.7	65.3	66.9	79.7	102.4	130.2	147.9	155.6	135.3	150.4	185.4
22.5°	45.3	95.9	102.1	94.8	133.2	174.2	209.3	228.1	225.6	211.0	258.2
20°	67.7	126.9	143.4	146.5	175.8	224.8	279.4	311.3	341.4	394.0	532.0
17.5°	93.9	161.3	187.2	213.5	266.7	310.3	357.0	404.3	475.8	632.1	1100.4
15°	123.0	198.3	233.0	286.3	365.5	438.5	495.4	537.8	664.2	991.8	1819.8
12.5°	154.0	237.3	280.2	363.3	469.7	573.3	654.0	739.5	952.1	1596.2	2963.6
10°	185.9	277.5	328.3	443.0	577.3	712.4	817.0	945.8	1278.0	2280.4	4212.0
7.5°	221.3	320.4	377.4	523.6	686.2	853.3	982.2	1153.6	1610.6	2971.9	5468.3
5°	255.7	365.3	429.6	593.1	777.8	977.2	1136.4	1359.1	1939.6	3642.1	6689.1
2.5°	287.3	408.7	480.7	656.6	854.8	1071.2	1241.7	1482.0	2167.4	4082.4	7587.7
0°	315.1	449.8	530.2	714.9	925.7	1158.2	1340.7	1595.0	2351.2	4348.1	8124.8
-2.5°	325.7	465.6	550.5	729.7	935.6	1173.0	1358.9	1604.8	2407.6	4455.9	8203.9
-5°	331.7	477.8	568.3	739.3	939.0	1178.7	1369.6	1604.7	2393.4	4362.6	7818.2
-7.5°	333.7	486.0	583.5	740.5	921.3	1140.9	1316.1	1520.4	2204.8	3976.8	6986.8
-10°	331.7	484.7	578.9	713.2	875.3	1074.3	1244.3	1428.4	1987.3	3493.0	6062.2
-12.5°	325.7	475.9	570.3	684.4	827.6	1003.0	1169.0	1330.3	1745.8	2917.2	5110.0
-15°	317.5	465.4	561.2	655.1	779.6	927.9	1091.2	1227.4	1494.4	2302.7	4164.8
-17.5°	307.8	453.8	552.1	626.3	732.7	850.3	1015.2	1141.5	1309.0	1911.0	3404.2
-20°	297.1	441.4	543.6	598.8	688.9	791.3	942.0	1070.3	1212.0	1602.2	2588.7



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	285.9	428.8	531.2	583.6	660.1	750.7	868.4	995.1	1113.5	1261.3	1896.4
-25°	280.3	410.3	512.7	573.2	633.4	711.4	797.2	916.1	1021.8	1163.9	1530.3
-27.5°	277.6	392.9	490.9	561.6	607.2	675.4	746.5	838.3	959.3	1084.9	1217.7
-30°	271.2	367.2	468.5	545.4	590.6	646.1	705.7	783.6	899.3	1015.2	1132.5
-32.5°	255.3	339.7	439.7	519.5	575.3	618.5	676.4	747.8	840.7	947.2	1052.5
-35°	234.7	315.7	407.0	493.6	557.9	599.8	652.4	713.8	786.5	881.9	994.5
-37.5°	214.1	289.1	372.9	462.6	529.8	585.0	627.0	682.8	745.9	821.6	932.4
-40°	191.1	259.8	340.0	424.2	503.0	563.5	610.3	652.5	707.0	781.3	860.6
-42.5°	166.5	231.9	305.3	384.1	462.5	531.9	591.2	631.0	677.4	741.6	814.0
-45°	145.6	201.4	268.6	341.1	414.9	491.4	554.5	612.3	654.6	703.5	767.8
-47.5°	123.5	170.8	231.9	295.4	364.9	436.6	510.3	571.6	631.2	675.8	721.4
-50°	102.9	145.2	192.1	251.1	312.4	379.1	447.8	520.5	583.1	640.8	690.4
-52.5°	88.9	118.4	159.8	206.4	261.5	319.4	383.8	450.5	519.3	584.9	636.5
-55°	73.8	98.8	128.1	167.6	211.9	262.9	318.2	379.6	440.3	504.5	563.4
-57.5°	59.2	80.7	103.5	131.2	168.5	208.4	257.2	308.3	363.9	418.8	465.6
-60°	44.8	63.4	83.7	104.4	127.3	162.1	197.6	240.6	287.8	333.5	374.6
-62.5°	31.6	46.8	64.5	83.0	101.6	119.6	148.1	180.2	212.4	251.0	287.0
-65°	26.3	32.7	45.6	62.0	78.7	95.5	111.8	127.7	154.4	181.5	206.8
-67.5°	20.8	26.6	32.6	40.6	55.4	70.3	85.8	100.4	114.5	128.2	144.1
-70°	18.5	20.8	25.5	31.0	36.5	44.0	57.1	70.6	84.6	98.6	110.7
-72.5°	16.7	18.9	21.1	23.2	27.7	32.5	37.1	41.5	50.2	62.3	74.5
-75°	15.2	16.9	19.0	21.0	22.8	24.8	27.1	31.1	35.1	39.2	43.4
-77.5°	13.9	15.0	16.5	18.4	20.1	21.6	23.1	24.9	26.7	28.7	30.8
-80°	12.7	13.0	13.8	14.8	16.3	17.7	19.1	20.4	21.8	23.1	24.6
-82.5°	11.7	11.9	12.2	12.4	13.0	13.8	14.8	15.9	16.7	17.4	18.3
-85°	10.9	10.9	11.1	11.2	11.5	11.8	12.2	12.7	12.9	13.2	13.4
-87.5°	10.6	10.4	10.1	10.0	10.0	10.1	10.2	10.3	10.3	10.4	10.4
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.2	7.6	7.1



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.7	9.8	10.8	11.9	13.0	14.1	15.2	16.3	17.4	18.5	19.6
87.5°	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9	4.3	3.8	3.3
85°	7.9	7.6	7.3	6.9	6.5	6.0	5.4	4.9	4.3	3.8	3.3
82.5°	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.9	4.3	3.8	3.3
80°	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3	3.8	3.3
77.5°	8.7	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.4	4.2	4.2
75°	8.9	8.5	8.4	8.1	7.7	7.3	6.9	6.6	6.2	5.8	5.4
72.5°	12.0	12.0	11.6	11.4	10.7	10.2	9.7	9.2	8.4	7.9	7.5
70°	17.8	18.5	17.9	16.7	14.8	13.3	12.5	11.6	10.7	9.8	8.8
67.5°	24.8	24.7	23.0	20.7	17.6	14.8	13.7	12.6	11.4	10.8	10.6
65°	32.0	29.9	26.9	23.3	19.1	15.0	13.9	12.7	11.5	10.9	10.9
62.5°	40.1	33.5	27.0	22.2	18.4	15.0	13.4	11.9	10.4	9.3	9.1
60°	43.2	32.0	23.1	19.2	16.0	13.4	11.7	10.4	9.4	8.7	8.7
57.5°	41.8	28.6	18.6	15.4	13.1	11.4	10.2	9.2	8.2	7.3	7.0
55°	35.6	23.3	13.9	12.0	10.7	9.5	8.5	7.8	7.2	6.5	6.5
52.5°	26.2	17.9	12.5	10.5	9.9	9.3	8.6	8.4	8.2	7.9	7.7
50°	19.2	13.8	12.0	10.7	10.3	10.3	10.6	10.6	10.4	10.1	9.8
47.5°	15.6	13.5	12.2	11.0	11.3	12.3	12.7	12.7	12.6	12.3	12.0
45°	15.1	13.9	13.3	14.0	14.6	15.2	15.3	14.9	15.6	15.8	15.5
42.5°	16.6	16.8	18.1	19.1	18.4	19.7	20.9	20.9	21.9	22.7	22.7
40°	23.4	22.8	26.2	27.2	27.7	28.9	32.6	32.3	33.9	38.5	39.4
37.5°	33.6	35.4	37.7	39.8	45.5	49.3	56.6	62.4	65.5	74.2	81.0
35°	47.4	52.1	53.4	64.9	76.7	88.0	98.1	110.3	115.5	134.9	148.4
32.5°	67.1	76.8	90.0	109.0	131.6	158.3	157.2	197.9	212.6	252.4	298.1
30°	93.9	121.1	164.5	194.6	249.9	293.4	315.3	378.9	464.4	546.1	657.2
27.5°	152.6	210.0	288.5	392.1	446.1	511.6	610.6	686.6	881.7	1068.1	1204.9
25°	262.4	383.0	531.1	684.1	779.9	865.7	1046.8	1179.6	1456.2	1663.9	1960.1
22.5°	501.7	759.4	946.9	1060.5	1266.0	1534.7	1665.2	2030.5	2440.6	2964.2	3396.9
20°	845.4	1250.8	1668.8	1924.1	2158.8	2752.1	3012.0	3696.3	4568.1	5553.3	6374.6
17.5°	1654.2	2024.6	2875.6	3704.7	4328.5	4914.2	6558.2	7732.6	10011.9	12801.5	14088.2
15°	2968.3	4003.8	4996.7	6500.7	8092.3	9863.0	12442.9	16896.9	22491.2	28591.3	35189.5
12.5°	4812.1	6702.3	8478.5	10371.6	12650.2	17001.1	22883.2	30662.4	40714.2	51498.9	63951.4
10°	6883.5	9760.1	12354.5	15212.6	19258.5	25722.4	34440.8	46441.4	64342.2	82640.0	98511.8
7.5°	8738.5	12222.3	15741.5	19878.4	26291.5	35523.5	48066.8	66804.0	90180.7	112824.5	132132.0
5°	10516.1	14585.9	18597.0	23527.9	31610.3	43659.0	59892.3	85597.7	115149.9	140275.0	161435.1
2.5°	11901.1	16435.3	21025.5	26824.7	36046.0	49754.7	68192.7	99305.6	134973.7	162838.6	187034.0
0°	12694.6	17042.7	22025.4	28033.7	38644.4	53577.2	72486.5	105615.8	141137.7	172103.8	195749.2
-2.5°	12539.2	17095.5	22189.5	28267.7	38325.0	52661.8	71302.2	102905.1	138260.3	166175.9	189087.8
-5°	11747.6	15916.2	20407.3	25739.9	34614.3	47677.9	65980.2	95678.4	128489.9	156412.3	179698.7
-7.5°	10513.2	14199.5	18109.1	22750.6	30255.8	41623.0	57355.1	80478.8	109550.0	134838.9	152292.5
-10°	9165.9	12409.5	15937.6	20138.0	26057.5	34968.8	46888.8	63592.8	87369.4	108441.9	124631.5
-12.5°	7888.5	10837.3	13906.4	17413.7	21894.3	28913.1	37972.6	50443.5	65770.3	83092.3	99628.9
-15°	6663.5	9253.0	11931.2	15177.8	19074.3	23836.3	29926.7	38317.3	48386.9	59740.0	71987.2
-17.5°	5497.2	7771.0	10290.8	13125.6	16345.5	19983.7	25091.5	30845.2	37237.8	44635.2	51648.6
-20°	4312.7	6413.6	8700.1	11223.9	14112.8	17429.4	21063.9	25385.8	30010.8	35064.9	40311.4



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3291.6	5081.8	7082.3	9379.9	12092.2	15015.8	17835.0	20671.7	24093.3	27426.7	30774.4
-25°	2305.0	3724.6	5592.5	7788.8	10091.8	12535.4	14627.7	16627.2	19003.3	21140.3	23365.8
-27.5°	1695.3	2670.6	4215.3	6163.3	8228.6	9904.7	11666.2	13306.3	15026.9	16383.3	17950.8
-30°	1292.8	1854.3	3002.2	4521.6	6178.7	7639.1	8998.7	10483.9	11898.6	13076.1	14061.6
-32.5°	1179.0	1393.0	1974.0	3032.5	4230.4	5526.2	6702.5	7995.3	9182.0	10161.4	10945.8
-35°	1108.1	1224.1	1393.5	1927.8	2630.1	3653.2	4634.7	5693.5	6677.1	7485.1	8134.7
-37.5°	1047.5	1149.3	1249.2	1349.6	1736.5	2168.0	2876.4	3642.8	4307.3	5046.1	5622.8
-40°	972.3	1086.6	1167.4	1249.9	1342.8	1450.7	1824.5	2160.2	2535.8	3057.5	3489.3
-42.5°	889.7	986.3	1086.9	1167.7	1239.3	1315.5	1400.2	1484.1	1656.9	1876.1	2054.6
-45°	835.6	899.1	972.2	1064.0	1147.7	1211.2	1274.1	1335.1	1392.8	1444.7	1488.1
-47.5°	777.2	831.2	890.5	953.5	1015.5	1086.0	1152.2	1207.5	1251.3	1293.1	1330.5
-50°	725.2	765.1	815.2	864.2	913.0	963.1	1012.6	1055.3	1097.5	1135.7	1172.8
-52.5°	683.2	716.9	749.7	782.5	822.3	860.9	897.5	930.3	960.3	986.4	1013.8
-55°	612.5	654.9	696.9	726.1	751.2	775.4	799.4	826.7	850.5	870.9	890.1
-57.5°	516.4	567.7	614.5	648.7	681.2	711.7	732.9	748.5	763.6	778.0	791.1
-60°	414.5	452.9	497.7	541.7	582.2	619.0	642.7	662.8	679.9	694.2	706.9
-62.5°	320.3	353.2	389.8	425.3	458.0	490.3	521.8	549.2	572.7	592.6	609.0
-65°	233.3	262.1	293.2	323.3	352.1	380.5	406.6	430.3	451.7	471.0	488.7
-67.5°	166.1	187.2	209.8	230.1	253.1	278.0	302.5	324.6	344.1	359.6	371.2
-70°	122.2	134.1	149.0	166.4	185.4	203.3	221.0	238.0	254.1	268.0	280.5
-72.5°	86.8	99.2	111.0	122.0	133.7	145.5	157.5	170.1	182.8	193.5	202.8
-75°	47.6	53.8	63.7	73.5	82.9	91.9	99.9	106.9	113.0	118.1	122.4
-77.5°	33.8	37.8	42.0	46.1	50.0	54.7	59.7	64.7	69.6	73.6	77.2
-80°	26.1	28.4	30.8	33.4	36.1	39.4	42.8	46.2	49.6	52.0	54.2
-82.5°	19.1	20.8	22.5	24.1	25.7	27.8	29.8	31.8	33.8	35.2	36.5
-85°	13.6	14.7	15.9	17.1	18.3	20.2	22.0	23.8	25.6	26.8	28.0
-87.5°	10.5	11.2	11.8	12.4	13.0	14.6	16.2	17.9	19.5	20.1	20.6
-90°	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9	4.3	3.8	3.3



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	20.6	21.7	21.7	21.7	21.7	21.7	20.6	19.6	18.5	17.4	16.3
87.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
85°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
82.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
80°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
77.5°	4.2	4.3	3.3	2.2	3.3	4.3	4.2	4.2	4.2	4.4	4.9
75°	4.9	4.3	3.3	2.2	3.3	4.3	4.9	5.4	5.8	6.2	6.6
72.5°	7.0	6.5	6.5	6.5	6.5	6.5	7.0	7.5	7.9	8.4	9.2
70°	7.8	6.6	6.5	6.5	6.5	6.6	7.8	8.8	9.8	10.7	11.6
67.5°	10.7	10.7	10.9	10.9	10.9	10.7	10.7	10.6	10.8	11.4	12.6
65°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.5	12.7
62.5°	8.9	8.8	8.7	8.7	8.7	8.8	8.9	9.1	9.3	10.4	11.9
60°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	9.4	10.4
57.5°	6.8	6.6	6.5	6.5	6.5	6.6	6.8	7.0	7.3	8.2	9.2
55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.2	7.8
52.5°	7.3	6.8	6.5	6.5	6.5	6.8	7.3	7.7	7.9	8.2	8.4
50°	9.4	8.9	8.7	8.7	8.7	8.9	9.4	9.8	10.1	10.4	10.6
47.5°	11.6	11.1	10.9	10.9	10.9	11.1	11.6	12.0	12.3	12.6	12.7
45°	14.8	13.7	13.0	13.0	13.0	13.7	14.8	15.5	15.8	15.6	14.9
42.5°	22.5	21.9	21.5	21.5	21.5	21.9	22.5	22.7	22.7	21.9	20.9
40°	41.3	42.4	42.9	43.5	42.9	42.4	41.3	39.4	38.5	33.9	32.3
37.5°	84.7	83.1	79.4	80.4	79.4	83.1	84.7	81.0	74.2	65.5	62.4
35°	157.2	166.6	173.3	178.2	173.3	166.6	157.2	148.4	134.9	115.5	110.3
32.5°	315.0	327.9	324.1	317.3	324.1	327.9	315.0	298.1	252.4	212.6	197.9
30°	722.8	760.6	750.5	706.2	750.5	760.6	722.8	657.2	546.1	464.4	378.9
27.5°	1303.2	1394.4	1453.8	1423.3	1453.8	1394.4	1303.2	1204.9	1068.1	881.7	686.6
25°	2215.6	2392.6	2519.4	2466.3	2519.4	2392.6	2215.6	1960.1	1663.9	1456.2	1179.6
22.5°	3939.5	4230.2	4403.0	4448.1	4403.0	4230.2	3939.5	3396.9	2964.2	2440.6	2030.5
20°	7407.7	7639.5	7685.5	7570.7	7685.5	7639.5	7407.7	6374.6	5553.3	4568.1	3696.3
17.5°	17823.9	18894.3	18109.6	17286.1	18109.6	18894.3	17823.9	14088.2	12801.5	10011.9	7732.6
15°	40772.8	45293.7	47869.1	48394.6	47869.1	45293.7	40772.8	35189.5	28591.3	22491.2	16896.9
12.5°	71844.1	79129.6	82136.2	81855.4	82136.2	79129.6	71844.1	63951.4	51498.9	40714.2	30662.4
10°	108692.9	116482.0	123183.9	123251.8	123183.9	116482.0	108692.9	98511.8	82640.0	64342.2	46441.4
7.5°	145533.2	154516.1	160821.1	162619.9	160821.1	154516.1	145533.2	132132.0	112824.5	90180.7	66804.0
5°	177784.6	188905.9	195165.4	197076.9	195165.4	188905.9	177784.6	161435.1	140275.0	115149.9	85597.7
2.5°	206139.9	219764.1	226629.2	227696.4	226629.2	219764.1	206139.9	187034.0	162838.6	134973.7	99305.6
0°	213941.4	226086.2	234977.0	238142.0	234977.0	226086.2	213941.4	195749.2	172103.8	141137.7	105615.8
-2.5°	206250.2	216875.6	222174.6	224384.8	222174.6	216875.6	206250.2	189087.8	166175.9	138260.3	102905.1
-5°	194092.9	204008.9	210757.4	212320.4	210757.4	204008.9	194092.9	179698.7	156412.3	128489.9	95678.4
-7.5°	163804.0	173564.0	176596.4	180034.1	176596.4	173564.0	163804.0	152292.5	134838.9	109550.0	80478.8
-10°	136861.4	144454.0	146542.3	148977.8	146542.3	144454.0	136861.4	124631.5	108441.9	87369.4	63592.8
-12.5°	113241.1	120761.8	124166.6	127080.6	124166.6	120761.8	113241.1	99628.9	83092.3	65770.3	50443.5
-15°	82964.5	90033.1	92474.8	94051.2	92474.8	90033.1	82964.5	71987.2	59740.0	48386.9	38317.3
-17.5°	60098.0	65481.4	68680.5	70535.1	68680.5	65481.4	60098.0	51648.6	44635.2	37237.8	30845.2
-20°	44923.1	48008.1	50486.3	50758.8	50486.3	48008.1	44923.1	40311.4	35064.9	30010.8	25385.8



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	33579.2	35416.8	36557.7	36488.8	36557.7	35416.8	33579.2	30774.4	27426.7	24093.3	20671.7
-25°	25062.9	26298.4	27084.2	27225.4	27084.2	26298.4	25062.9	23365.8	21140.3	19003.3	16627.2
-27.5°	19072.9	19942.7	20393.4	20417.4	20393.4	19942.7	19072.9	17950.8	16383.3	15026.9	13306.3
-30°	14776.8	15501.2	15981.8	16349.6	15981.8	15501.2	14776.8	14061.6	13076.1	11898.6	10483.9
-32.5°	11605.1	12223.5	12642.7	12892.3	12642.7	12223.5	11605.1	10945.8	10161.4	9182.0	7995.3
-35°	8700.3	9195.6	9491.9	9417.7	9491.9	9195.6	8700.3	8134.7	7485.1	6677.1	5693.5
-37.5°	6130.8	6550.6	6849.3	7038.3	6849.3	6550.6	6130.8	5622.8	5046.1	4307.3	3642.8
-40°	3863.0	4153.3	4359.9	4491.6	4359.9	4153.3	3863.0	3489.3	3057.5	2535.8	2160.2
-42.5°	2200.0	2308.6	2381.7	2420.7	2381.7	2308.6	2200.0	2054.6	1876.1	1656.9	1484.1
-45°	1521.6	1548.7	1568.3	1579.8	1568.3	1548.7	1521.6	1488.1	1444.7	1392.8	1335.1
-47.5°	1359.7	1381.9	1396.4	1403.7	1396.4	1381.9	1359.7	1330.5	1293.1	1251.3	1207.5
-50°	1206.2	1233.5	1249.9	1256.0	1249.9	1233.5	1206.2	1172.8	1135.7	1097.5	1055.3
-52.5°	1039.4	1061.5	1076.3	1084.3	1076.3	1061.5	1039.4	1013.8	986.4	960.3	930.3
-55°	907.0	921.0	928.3	930.0	928.3	921.0	907.0	890.1	870.9	850.5	826.7
-57.5°	802.2	811.2	818.4	823.6	818.4	811.2	802.2	791.1	778.0	763.6	748.5
-60°	717.1	724.9	729.0	730.1	729.0	724.9	717.1	706.9	694.2	679.9	662.8
-62.5°	621.7	631.1	638.3	643.2	638.3	631.1	621.7	609.0	592.6	572.7	549.2
-65°	504.9	519.0	526.4	530.2	526.4	519.0	504.9	488.7	471.0	451.7	430.3
-67.5°	380.4	387.6	389.4	389.0	389.4	387.6	380.4	371.2	359.6	344.1	324.6
-70°	292.2	302.8	306.8	308.6	306.8	302.8	292.2	280.5	268.0	254.1	238.0
-72.5°	211.2	218.7	223.1	226.0	223.1	218.7	211.2	202.8	193.5	182.8	170.1
-75°	126.1	129.2	131.2	132.6	131.2	129.2	126.1	122.4	118.1	113.0	106.9
-77.5°	80.7	84.1	85.6	86.9	85.6	84.1	80.7	77.2	73.6	69.6	64.7
-80°	56.3	58.3	58.6	58.7	58.6	58.3	56.3	54.2	52.0	49.6	46.2
-82.5°	37.8	39.0	39.1	39.1	39.1	39.0	37.8	36.5	35.2	33.8	31.8
-85°	29.2	30.3	30.4	30.4	30.4	30.3	29.2	28.0	26.8	25.6	23.8
-87.5°	21.2	21.7	22.8	23.9	22.8	21.7	21.2	20.6	20.1	19.5	17.9
-90°	2.7	2.2	1.1	0.0	1.1	2.2	2.7	3.3	3.8	4.3	4.9



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.2	14.1	13.0	11.9	10.8	9.8	8.7	8.7	8.7	8.7	8.7
87.5°	5.4	6.0	6.5	6.5	6.5	6.5	6.5	7.1	7.6	8.2	8.7
85°	5.4	6.0	6.5	6.9	7.3	7.6	7.9	8.0	8.2	8.4	8.7
82.5°	5.4	6.0	6.5	7.1	7.6	8.2	8.7	8.7	8.7	8.7	8.7
80°	5.5	6.0	6.6	7.1	7.7	8.2	8.7	8.7	8.7	8.7	8.7
77.5°	5.5	6.1	6.6	7.2	7.7	8.3	8.7	8.7	8.7	8.7	8.7
75°	6.9	7.3	7.7	8.1	8.4	8.5	8.9	9.3	9.5	9.4	9.2
72.5°	9.7	10.2	10.7	11.4	11.6	12.0	12.0	11.8	11.5	11.2	10.7
70°	12.5	13.3	14.8	16.7	17.9	18.5	17.8	16.5	15.1	14.4	13.2
67.5°	13.7	14.8	17.6	20.7	23.0	24.7	24.8	23.5	21.7	20.0	17.0
65°	13.9	15.0	19.1	23.3	26.9	29.9	32.0	32.1	30.8	27.7	22.3
62.5°	13.4	15.0	18.4	22.2	27.0	33.5	40.1	42.5	42.3	37.3	30.0
60°	11.7	13.4	16.0	19.2	23.1	32.0	43.2	51.4	56.4	48.4	37.8
57.5°	10.2	11.4	13.1	15.4	18.6	28.6	41.8	56.6	65.9	55.3	45.1
55°	8.5	9.5	10.7	12.0	13.9	23.3	35.6	50.2	60.8	57.6	46.5
52.5°	8.6	9.3	9.9	10.5	12.5	17.9	26.2	39.8	47.8	47.1	43.6
50°	10.6	10.3	10.3	10.7	12.0	13.8	19.2	28.5	32.9	36.2	35.9
47.5°	12.7	12.3	11.3	11.0	12.2	13.5	15.6	18.1	23.3	25.3	27.5
45°	15.3	15.2	14.6	14.0	13.3	13.9	15.1	17.1	18.5	20.8	19.9
42.5°	20.9	19.7	18.4	19.1	18.1	16.8	16.6	18.6	19.1	19.5	21.0
40°	32.6	28.9	27.7	27.2	26.2	22.8	23.4	22.7	22.6	21.2	24.6
37.5°	56.6	49.3	45.5	39.8	37.7	35.4	33.6	31.7	28.7	29.4	31.2
35°	98.1	88.0	76.7	64.9	53.4	52.1	47.4	43.1	40.9	41.0	40.6
32.5°	157.2	158.3	131.6	109.0	90.0	76.8	67.1	57.3	59.9	57.8	53.1
30°	315.3	293.4	249.9	194.6	164.5	121.1	93.9	87.4	83.3	79.0	68.3
27.5°	610.6	511.6	446.1	392.1	288.5	210.0	152.6	124.9	111.8	103.2	94.0
25°	1046.8	865.7	779.9	684.1	531.1	383.0	262.4	185.4	150.4	135.3	155.6
22.5°	1665.2	1534.7	1266.0	1060.5	946.9	759.4	501.7	258.2	211.0	225.6	228.1
20°	3012.0	2752.1	2158.8	1924.1	1668.8	1250.8	845.4	532.0	394.0	341.4	311.3
17.5°	6558.2	4914.2	4328.5	3704.7	2875.6	2024.6	1654.2	1100.4	632.1	475.8	404.3
15°	12442.9	9863.0	8092.3	6500.7	4996.7	4003.8	2968.3	1819.8	991.8	664.2	537.8
12.5°	22883.2	17001.1	12650.2	10371.6	8478.5	6702.3	4812.1	2963.6	1596.2	952.1	739.5
10°	34440.8	25722.4	19258.5	15212.6	12354.5	9760.1	6883.5	4212.0	2280.4	1278.0	945.8
7.5°	48066.8	35523.5	26291.5	19878.4	15741.5	12222.3	8738.5	5468.3	2971.9	1610.6	1153.6
5°	59892.3	43659.0	31610.3	23527.9	18597.0	14585.9	10516.1	6689.1	3642.1	1939.6	1359.1
2.5°	68192.7	49754.7	36046.0	26824.7	21025.5	16435.3	11901.1	7587.7	4082.4	2167.4	1482.0
0°	72486.5	53577.2	38644.4	28033.7	22025.4	17042.7	12694.6	8124.8	4348.1	2351.2	1595.0
-2.5°	71302.2	52661.8	38325.0	28267.7	22189.5	17095.5	12539.2	8203.9	4455.9	2407.6	1604.8
-5°	65980.2	47677.9	34614.3	25739.9	20407.3	15916.2	11747.6	7818.2	4362.6	2393.4	1604.7
-7.5°	57355.1	41623.0	30255.8	22750.6	18109.1	14199.5	10513.2	6986.8	3976.8	2204.8	1520.4
-10°	46888.8	34968.8	26057.5	20138.0	15937.6	12409.5	9165.9	6062.2	3493.0	1987.3	1428.4
-12.5°	37972.6	28913.1	21894.3	17413.7	13906.4	10837.3	7888.5	5110.0	2917.2	1745.8	1330.3
-15°	29926.7	23836.3	19074.3	15177.8	11931.2	9253.0	6663.5	4164.8	2302.7	1494.4	1227.4
-17.5°	25091.5	19983.7	16345.5	13125.6	10290.8	7771.0	5497.2	3404.2	1911.0	1309.0	1141.5
-20°	21063.9	17429.4	14112.8	11223.9	8700.1	6413.6	4312.7	2588.7	1602.2	1212.0	1070.3



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17835.0	15015.8	12092.2	9379.9	7082.3	5081.8	3291.6	1896.4	1261.3	1113.5	995.1
-25°	14627.7	12535.4	10091.8	7788.8	5592.5	3724.6	2305.0	1530.3	1163.9	1021.8	916.1
-27.5°	11666.2	9904.7	8228.6	6163.3	4215.3	2670.6	1695.3	1217.7	1084.9	959.3	838.3
-30°	8998.7	7639.1	6178.7	4521.6	3002.2	1854.3	1292.8	1132.5	1015.2	899.3	783.6
-32.5°	6702.5	5526.2	4230.4	3032.5	1974.0	1393.0	1179.0	1052.5	947.2	840.7	747.8
-35°	4634.7	3653.2	2630.1	1927.8	1393.5	1224.1	1108.1	994.5	881.9	786.5	713.8
-37.5°	2876.4	2168.0	1736.5	1349.6	1249.2	1149.3	1047.5	932.4	821.6	745.9	682.8
-40°	1824.5	1450.7	1342.8	1249.9	1167.4	1086.6	972.3	860.6	781.3	707.0	652.5
-42.5°	1400.2	1315.5	1239.3	1167.7	1086.9	986.3	889.7	814.0	741.6	677.4	631.0
-45°	1274.1	1211.2	1147.7	1064.0	972.2	899.1	835.6	767.8	703.5	654.6	612.3
-47.5°	1152.2	1086.0	1015.5	953.5	890.5	831.2	777.2	721.4	675.8	631.2	571.6
-50°	1012.6	963.1	913.0	864.2	815.2	765.1	725.2	690.4	640.8	583.1	520.5
-52.5°	897.5	860.9	822.3	782.5	749.7	716.9	683.2	636.5	584.9	519.3	450.5
-55°	799.4	775.4	751.2	726.1	696.9	654.9	612.5	563.4	504.5	440.3	379.6
-57.5°	732.9	711.7	681.2	648.7	614.5	567.7	516.4	465.6	418.8	363.9	308.3
-60°	642.7	619.0	582.2	541.7	497.7	452.9	414.5	374.6	333.5	287.8	240.6
-62.5°	521.8	490.3	458.0	425.3	389.8	353.2	320.3	287.0	251.0	212.4	180.2
-65°	406.6	380.5	352.1	323.3	293.2	262.1	233.3	206.8	181.5	154.4	127.7
-67.5°	302.5	278.0	253.1	230.1	209.8	187.2	166.1	144.1	128.2	114.5	100.4
-70°	221.0	203.3	185.4	166.4	149.0	134.1	122.2	110.7	98.6	84.6	70.6
-72.5°	157.5	145.5	133.7	122.0	111.0	99.2	86.8	74.5	62.3	50.2	41.5
-75°	99.9	91.9	82.9	73.5	63.7	53.8	47.6	43.4	39.2	35.1	31.1
-77.5°	59.7	54.7	50.0	46.1	42.0	37.8	33.8	30.8	28.7	26.7	24.9
-80°	42.8	39.4	36.1	33.4	30.8	28.4	26.1	24.6	23.1	21.8	20.4
-82.5°	29.8	27.8	25.7	24.1	22.5	20.8	19.1	18.3	17.4	16.7	15.9
-85°	22.0	20.2	18.3	17.1	15.9	14.7	13.6	13.4	13.2	12.9	12.7
-87.5°	16.2	14.6	13.0	12.4	11.8	11.2	10.5	10.4	10.4	10.3	10.3
-90°	5.4	6.0	6.5	6.5	6.5	6.5	6.5	7.1	7.6	8.2	8.7



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.7	8.7	8.7	8.7	9.3	9.8	10.4	10.9	10.3	9.8	9.3
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.9	9.1	9.2
85°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	9.1	9.5	9.7
82.5°	8.7	8.7	8.7	8.7	9.1	9.3	9.3	9.3	9.5	9.9	10.2
80°	8.7	8.7	8.7	8.8	9.3	9.9	10.2	10.2	10.1	10.2	10.5
77.5°	8.7	8.7	8.7	8.8	9.4	9.9	10.5	10.9	10.7	10.6	10.7
75°	8.8	8.7	8.7	8.9	9.4	10.0	10.5	10.9	10.9	10.9	10.8
72.5°	10.2	9.7	9.2	9.0	9.5	10.1	10.6	10.9	10.9	10.9	10.9
70°	12.1	11.1	10.5	10.0	9.9	10.1	10.7	10.9	10.9	10.9	10.9
67.5°	14.1	12.8	11.7	11.0	10.6	10.5	10.8	10.9	10.9	10.9	10.9
65°	18.9	15.7	12.9	11.9	11.2	10.8	10.9	10.9	10.9	10.9	10.9
62.5°	24.1	19.7	16.2	13.2	11.6	11.1	10.9	10.9	10.9	10.9	10.9
60°	29.6	23.7	19.5	16.0	12.9	11.2	10.9	10.9	10.9	10.9	10.9
57.5°	34.8	27.0	22.2	18.5	15.2	12.2	10.9	10.9	10.9	10.9	10.9
55°	37.8	29.8	24.5	20.3	16.9	13.9	11.5	10.9	10.9	10.9	10.9
52.5°	36.0	31.0	26.4	21.6	17.9	15.3	12.9	10.9	10.9	10.9	10.9
50°	31.5	30.4	27.1	22.5	18.5	16.0	14.1	11.9	10.9	10.9	11.0
47.5°	28.5	29.1	27.1	23.0	18.7	16.7	14.9	12.8	10.9	10.9	11.2
45°	25.1	27.6	26.9	23.5	19.3	17.4	15.5	13.6	11.6	11.0	11.4
42.5°	22.6	26.2	26.4	24.2	20.9	18.0	16.1	14.1	12.1	11.1	11.5
40°	25.8	25.6	26.5	25.9	23.0	18.6	16.6	14.6	12.6	11.4	11.6
37.5°	30.8	28.7	27.2	30.3	25.9	20.7	17.1	15.0	13.4	12.1	11.8
35°	38.9	34.8	33.7	36.5	31.7	23.0	17.5	15.4	14.4	12.7	11.9
32.5°	48.9	46.1	45.4	44.0	39.3	25.4	19.0	17.0	15.6	13.2	12.0
30°	65.1	67.0	58.9	53.2	48.2	32.5	22.0	18.8	16.9	13.8	12.3
27.5°	100.7	94.1	75.7	65.6	57.0	41.8	27.0	20.9	18.5	14.6	12.7
25°	147.9	130.2	102.4	79.7	66.9	65.3	32.7	23.4	20.3	15.8	13.2
22.5°	209.3	174.2	133.2	94.8	102.1	95.9	45.3	27.9	22.1	17.1	13.6
20°	279.4	224.8	175.8	146.5	143.4	126.9	67.7	32.8	24.1	18.4	14.0
17.5°	357.0	310.3	266.7	213.5	187.2	161.3	93.9	37.9	26.2	19.8	14.4
15°	495.4	438.5	365.5	286.3	233.0	198.3	123.0	43.1	28.3	21.2	15.0
12.5°	654.0	573.3	469.7	363.3	280.2	237.3	154.0	48.4	30.5	23.2	16.1
10°	817.0	712.4	577.3	443.0	328.3	277.5	185.9	55.3	34.9	25.7	17.2
7.5°	982.2	853.3	686.2	523.6	377.4	320.4	221.3	65.7	39.8	28.1	18.4
5°	1136.4	977.2	777.8	593.1	429.6	365.3	255.7	76.1	44.8	30.5	19.5
2.5°	1241.7	1071.2	854.8	656.6	480.7	408.7	287.3	86.1	49.7	32.7	20.6
0°	1340.7	1158.2	925.7	714.9	530.2	449.8	315.1	95.6	54.3	34.8	21.7
-2.5°	1358.9	1173.0	935.6	729.7	550.5	465.6	325.7	112.9	65.8	41.0	24.7
-5°	1369.6	1178.7	939.0	739.3	568.3	477.8	331.7	129.0	76.6	46.8	27.6
-7.5°	1316.1	1140.9	921.3	740.5	583.5	486.0	333.7	143.6	86.6	52.2	30.3
-10°	1244.3	1074.3	875.3	713.2	578.9	484.7	331.7	156.4	95.4	56.9	32.7
-12.5°	1169.0	1003.0	827.6	684.4	570.3	475.9	325.7	167.8	103.0	60.8	34.7
-15°	1091.2	927.9	779.6	655.1	561.2	465.4	317.5	177.2	110.3	64.5	36.4
-17.5°	1015.2	850.3	732.7	626.3	552.1	453.8	307.8	184.3	115.8	68.0	38.2
-20°	942.0	791.3	688.9	598.8	543.6	441.4	297.1	188.7	119.4	70.2	39.8



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	868.4	750.7	660.1	583.6	531.2	428.8	285.9	190.3	121.0	70.9	41.0
-25°	797.2	711.4	633.4	573.2	512.7	410.3	280.3	189.0	120.4	70.2	41.5
-27.5°	746.5	675.4	607.2	561.6	490.9	392.9	277.6	187.9	118.3	67.8	41.4
-30°	705.7	646.1	590.6	545.4	468.5	367.2	271.2	183.8	115.5	66.3	40.7
-32.5°	676.4	618.5	575.3	519.5	439.7	339.7	255.3	176.7	110.5	65.3	39.7
-35°	652.4	599.8	557.9	493.6	407.0	315.7	234.7	166.3	103.1	63.4	38.1
-37.5°	627.0	585.0	529.8	462.6	372.9	289.1	214.1	149.9	93.3	60.5	35.7
-40°	610.3	563.5	503.0	424.2	340.0	259.8	191.1	133.3	87.0	56.7	32.7
-42.5°	591.2	531.9	462.5	384.1	305.3	231.9	166.5	115.6	79.8	52.3	28.9
-45°	554.5	491.4	414.9	341.1	268.6	201.4	145.6	98.1	71.5	47.1	25.6
-47.5°	510.3	436.6	364.9	295.4	231.9	170.8	123.5	87.7	62.3	40.9	23.4
-50°	447.8	379.1	312.4	251.1	192.1	145.2	102.9	76.3	53.3	33.0	20.8
-52.5°	383.8	319.4	261.5	206.4	159.8	118.4	88.9	64.2	43.7	27.8	17.9
-55°	318.2	262.9	211.9	167.6	128.1	98.8	73.8	52.6	33.6	23.7	15.0
-57.5°	257.2	208.4	168.5	131.2	103.5	80.7	59.2	40.5	27.7	19.6	15.2
-60°	197.6	162.1	127.3	104.4	83.7	63.4	44.8	30.3	23.1	16.2	15.3
-62.5°	148.1	119.6	101.6	83.0	64.5	46.8	31.6	25.3	18.5	16.0	15.3
-65°	111.8	95.5	78.7	62.0	45.6	32.7	26.3	20.2	17.0	15.7	15.0
-67.5°	85.8	70.3	55.4	40.6	32.6	26.6	20.8	17.8	16.2	15.2	14.4
-70°	57.1	44.0	36.5	31.0	25.5	20.8	18.5	16.4	15.2	14.5	13.8
-72.5°	37.1	32.5	27.7	23.2	21.1	18.9	16.7	15.0	14.4	13.8	13.2
-75°	27.1	24.8	22.8	21.0	19.0	16.9	15.2	14.1	13.6	13.1	12.5
-77.5°	23.1	21.6	20.1	18.4	16.5	15.0	13.9	13.2	12.8	12.4	11.9
-80°	19.1	17.7	16.3	14.8	13.8	13.0	12.7	12.3	12.0	11.7	11.3
-82.5°	14.8	13.8	13.0	12.4	12.2	11.9	11.7	11.5	11.2	10.9	10.7
-85°	12.2	11.8	11.5	11.2	11.1	10.9	10.9	10.9	10.8	10.5	10.2
-87.5°	10.2	10.1	10.0	10.0	10.1	10.4	10.6	10.9	10.6	10.2	9.7
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.7	9.3	9.8	10.4	10.9	9.8	8.7
87.5°	9.3	9.2	9.1	9.0	8.9	8.8	8.7
85°	9.8	9.7	9.5	9.3	9.1	8.9	8.7
82.5°	10.4	10.1	9.8	9.6	9.3	9.0	8.7
80°	10.9	10.6	10.2	9.8	9.5	9.1	8.7
77.5°	10.9	10.9	10.6	10.1	9.7	9.2	8.7
75°	10.9	10.9	10.9	10.4	9.8	9.3	8.7
72.5°	10.9	10.9	10.9	10.7	10.0	9.4	8.7
70°	10.9	10.9	10.9	10.9	10.2	9.5	8.7
67.5°	10.9	10.9	10.9	10.9	10.4	9.5	8.7
65°	10.9	10.9	10.9	10.9	10.6	9.6	8.7
62.5°	10.9	10.9	10.9	10.9	10.7	9.7	8.7
60°	10.9	10.9	10.9	10.9	10.9	9.8	8.7
57.5°	10.9	10.9	10.9	10.9	10.9	9.9	8.7
55°	10.9	10.9	10.9	10.9	10.9	10.0	8.7
52.5°	10.9	10.9	10.9	10.9	10.9	10.0	8.7
50°	10.9	10.9	10.9	10.9	10.9	10.1	8.7
47.5°	10.9	10.9	10.9	10.9	10.9	10.2	8.7
45°	11.1	10.9	10.9	10.9	10.9	10.3	8.7
42.5°	11.3	10.9	10.9	10.9	10.9	10.3	8.7
40°	11.5	10.9	10.9	10.9	10.9	10.4	8.7
37.5°	11.8	10.9	10.9	10.9	10.9	10.4	8.7
35°	12.1	11.0	10.9	10.9	10.9	10.5	8.7
32.5°	12.3	11.3	10.9	10.9	10.9	10.6	8.7
30°	12.4	11.5	10.9	10.9	10.9	10.6	8.7
27.5°	12.6	11.7	10.9	10.9	10.9	10.7	8.7
25°	12.7	12.0	10.9	10.9	10.9	10.7	8.7
22.5°	12.8	12.2	10.9	10.9	10.9	10.7	8.7
20°	13.0	12.4	10.9	10.9	10.9	10.8	8.7
17.5°	13.1	12.5	10.9	10.9	10.9	10.8	8.7
15°	13.4	12.6	10.9	10.9	10.9	10.8	8.7
12.5°	13.6	12.7	10.9	10.9	10.9	10.8	8.7
10°	13.9	12.8	10.9	10.9	10.9	10.9	8.7
7.5°	14.2	12.9	10.9	10.9	10.9	10.9	8.7
5°	14.6	13.0	10.9	10.9	10.9	10.9	8.7
2.5°	14.9	13.0	10.9	10.9	10.9	10.9	8.7
0°	15.2	13.0	10.9	10.9	10.9	10.9	8.7
-2.5°	16.6	13.2	10.9	10.9	10.9	10.9	8.7
-5°	18.0	13.4	10.9	10.9	10.9	10.9	8.7
-7.5°	19.3	13.6	10.9	10.9	10.9	10.9	8.7
-10°	20.4	13.7	10.9	10.9	10.9	10.9	8.7
-12.5°	21.3	13.8	10.9	10.9	10.9	10.9	8.7
-15°	21.9	13.8	10.9	10.9	10.9	10.8	8.7
-17.5°	22.3	13.8	10.9	10.9	10.9	10.8	8.7
-20°	22.7	13.7	10.9	10.9	10.9	10.8	8.7



REPORT NUMBER: P1306339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.2	13.5	10.9	10.9	10.9	10.8	8.7
-25°	23.3	13.5	10.9	10.9	10.9	10.7	8.7
-27.5°	22.9	13.5	10.9	10.9	10.9	10.7	8.7
-30°	22.1	13.3	10.9	10.9	10.9	10.7	8.7
-32.5°	20.8	13.0	11.1	10.9	10.9	10.6	8.7
-35°	20.0	12.4	11.2	10.9	10.9	10.6	8.7
-37.5°	19.4	12.1	11.4	10.9	10.9	10.6	8.7
-40°	18.4	12.2	11.5	10.9	10.9	10.6	8.7
-42.5°	17.2	12.4	11.6	10.9	10.9	10.5	8.7
-45°	15.7	12.6	11.7	11.0	10.9	10.5	8.7
-47.5°	13.9	12.7	11.8	11.0	10.9	10.4	8.7
-50°	13.7	12.9	11.8	11.0	10.9	10.4	8.7
-52.5°	13.9	13.0	11.8	11.1	10.9	10.4	8.7
-55°	14.1	13.0	11.8	11.1	10.9	10.3	8.7
-57.5°	14.2	12.9	11.7	11.1	10.9	10.3	8.7
-60°	14.3	12.8	11.7	11.1	10.9	10.3	8.7
-62.5°	14.0	12.6	11.6	11.0	10.9	10.2	8.7
-65°	13.7	12.4	11.5	11.0	10.9	10.2	8.7
-67.5°	13.3	12.1	11.4	11.0	10.9	10.2	8.7
-70°	12.9	11.9	11.2	10.9	10.9	10.1	8.7
-72.5°	12.4	11.6	11.1	10.9	10.9	10.1	8.7
-75°	12.0	11.3	10.9	10.8	10.9	10.1	8.7
-77.5°	11.5	11.0	10.8	10.7	10.9	10.0	8.7
-80°	11.0	10.7	10.6	10.6	10.9	10.0	8.7
-82.5°	10.4	10.3	10.4	10.6	10.9	9.9	8.7
-85°	9.8	10.0	10.2	10.5	10.9	9.9	8.7
-87.5°	9.3	9.6	10.0	10.4	10.9	9.8	8.7
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7

(END OF REPORT)