

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: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

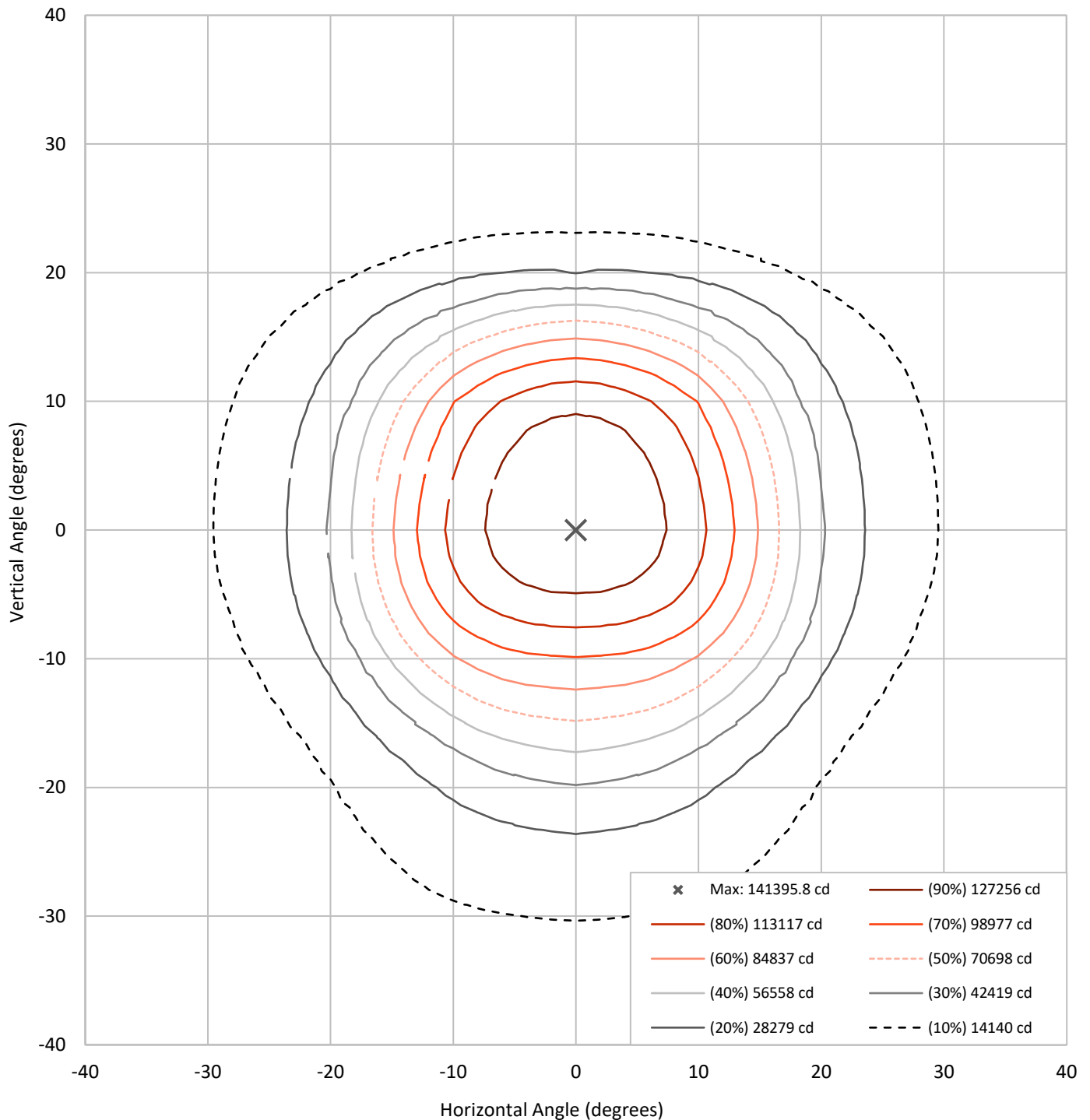
Test Method: LM-79-08
Report Number: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	48176.4 lumens	Max Intensity:	141395.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	26330.3 lumens	Field Lumens:	42426.7 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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		

REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

Iso-Candela Plot





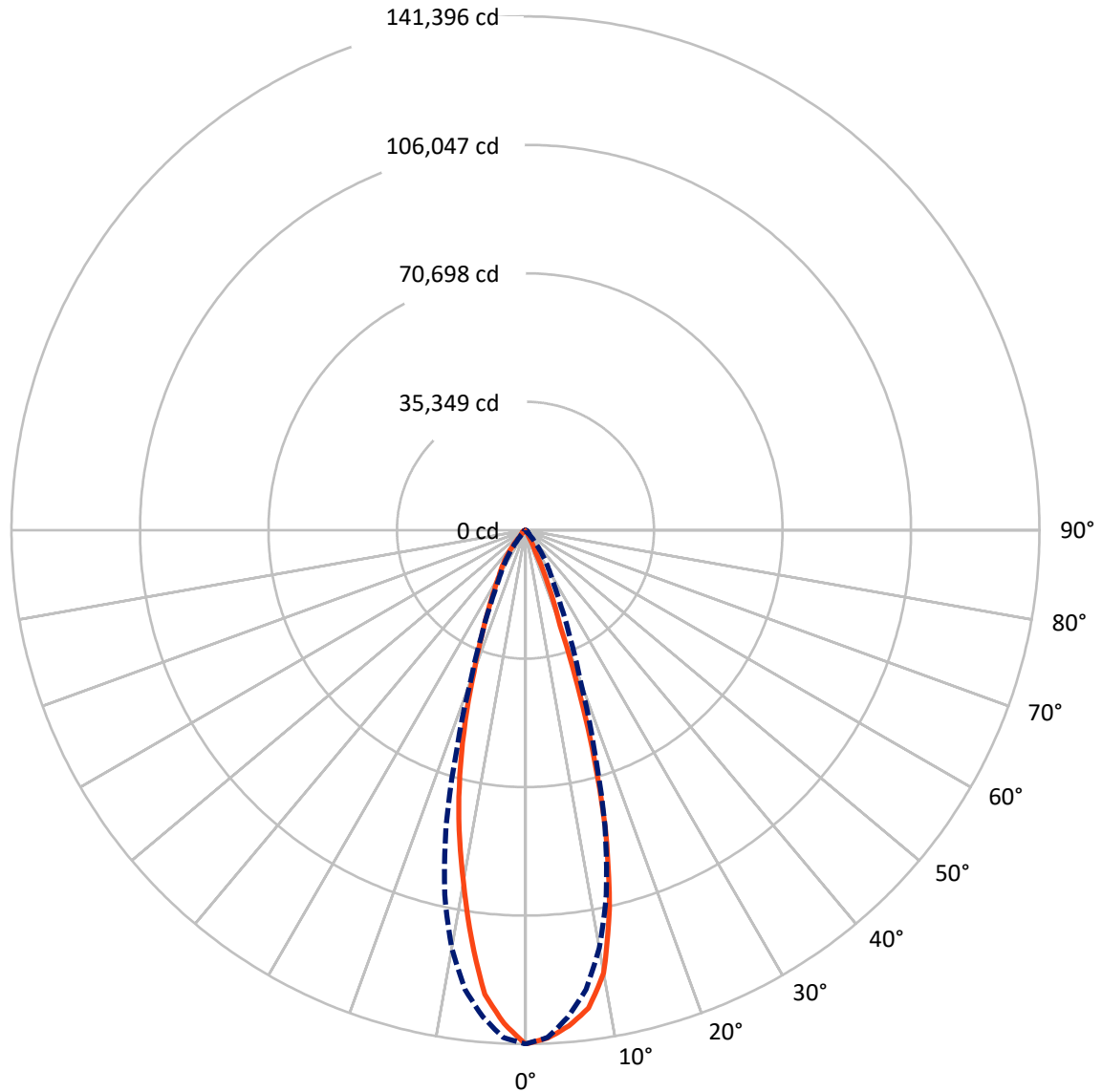
REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

Lumen Table

90	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.0	0.0			
60		0.0	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.0				
50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
40		0.1	0.5	1.4	2.6	4.5	6.9	8.5	8.5	6.9	4.5	2.6	1.4	0.5	0.1				
30	0.1	0.3	2.4	7.2	28.6	89.3	178.8	290.3	290.3	178.8	89.3	28.6	7.2	2.4	0.3	0.1			
20		0.7	5.4	17.5	118.2	403.7	1204.7	2246.0	2246.0	1204.7	403.7	118.2	17.5	5.4	0.7				
10	0.1	1.2	7.4	24.9	184.1	655.9	2249.1	3852.2	3852.2	2249.1	655.9	184.1	24.9	7.4	1.2	0.1			
0		1.5	7.9	25.7	181.8	632.7	2176.9	3585.7	3585.7	2176.9	632.7	181.8	25.7	7.9	1.5				
-10	0.3	1.8	7.5	19.8	108.1	357.5	1098.6	1958.2	1958.2	1098.6	357.5	108.1	19.8	7.5	1.8	0.3			
-20		1.9	7.2	15.3	50.9	193.8	446.4	712.2	712.2	446.4	193.8	50.9	15.3	7.2	1.9				
-30	0.2	1.5	6.5	13.0	25.1	72.0	180.3	273.8	273.8	180.3	72.0	25.1	13.0	6.5	1.5	0.2			
-40		1.0	4.7	11.1	18.8	28.7	43.6	59.2	59.2	43.6	28.7	18.8	11.1	4.7	1.0				
-50	0.1	0.5	2.4	7.3	14.1	20.3	26.1	29.9	29.9	26.1	20.3	14.1	7.3	2.4	0.5	0.1			
-60		0.2	0.9	2.6	5.7	9.5	13.3	15.5	15.5	13.3	9.5	5.7	2.6	0.9	0.2				
-70	0.1	0.5	2.4	7.3	14.1	20.3	26.1	29.9	29.9	26.1	20.3	14.1	7.3	2.4	0.5	0.1			
-80		0.2	0.9	2.6	5.7	9.5	13.3	15.5	15.5	13.3	9.5	5.7	2.6	0.9	0.2				
-90	0.1	0.4	1.8	4.5	6.0	4.5	1.8	0.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

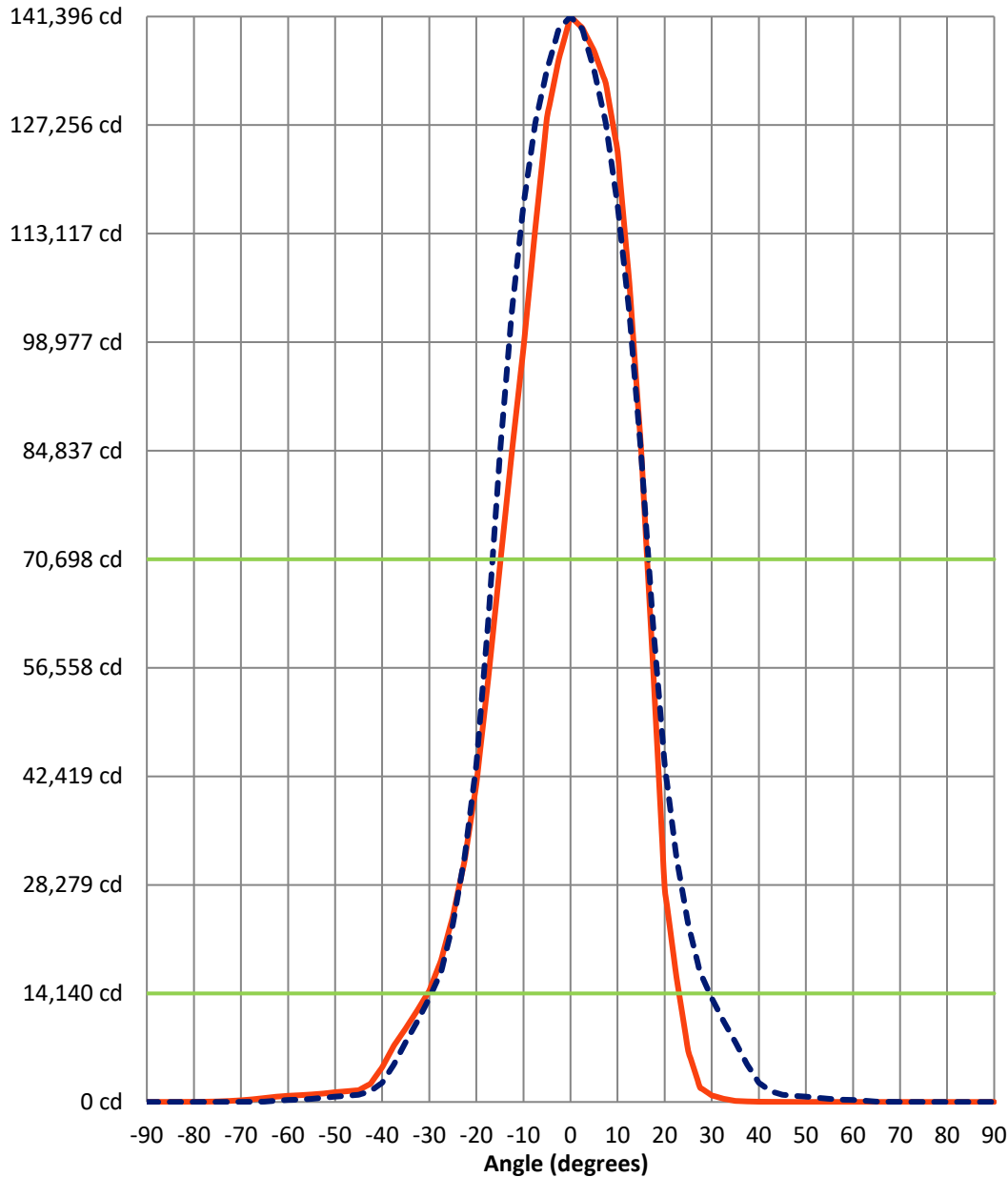
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 26330.3
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 42426.7
 Efficiency: 88.1%

Spill:
 Lumens: 5749.7
 Efficiency: 11.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
87.5°	2.4	1.8	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
85°	2.4	1.9	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2
82.5°	2.4	1.9	1.5	1.6	1.5	1.4	1.2	1.2	1.2	1.2	1.2
80°	2.4	1.9	1.6	1.7	1.6	1.5	1.3	1.4	1.4	1.4	1.2
77.5°	2.4	1.9	1.7	1.8	1.7	1.6	1.6	1.7	1.7	1.5	1.4
75°	2.4	2.0	1.8	1.9	1.9	1.8	1.9	2.0	1.9	1.8	1.9
72.5°	2.4	2.0	1.9	2.0	2.0	2.0	2.2	2.2	2.1	2.1	2.3
70°	2.4	2.0	2.0	2.2	2.1	2.2	2.4	2.3	2.3	2.4	2.4
67.5°	2.4	2.1	2.1	2.2	2.2	2.3	2.4	2.3	2.4	2.4	2.4
65°	2.4	2.1	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4	2.4
62.5°	2.4	2.1	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4
60°	2.4	2.1	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
57.5°	2.4	2.2	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
55°	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
52.5°	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
50°	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.2
47.5°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.0
45°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.1	4.8
42.5°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.8	5.8
40°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.8	4.5	6.8
37.5°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.7	3.5	5.3	7.8
35°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.8	4.1	6.2	8.8
32.5°	2.4	2.3	2.4	2.4	2.4	2.4	2.4	3.0	4.6	7.1	9.7
30°	2.4	2.4	2.4	2.4	2.4	2.4	2.6	3.3	5.2	8.0	10.7
27.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.7	5.8	8.8	12.0
25°	2.4	2.4	2.4	2.4	2.4	2.4	2.9	4.2	6.5	9.7	13.4
22.5°	2.4	2.4	2.4	2.4	2.4	2.4	3.0	4.5	7.1	10.8	16.3
20°	2.4	2.4	2.4	2.4	2.4	2.5	3.2	4.9	7.7	11.9	19.4
17.5°	2.4	2.4	2.4	2.4	2.4	2.6	3.4	5.2	8.2	13.1	22.7
15°	2.4	2.4	2.4	2.4	2.4	2.8	3.7	5.7	8.7	14.2	26.1
12.5°	2.4	2.4	2.4	2.4	2.4	2.9	3.9	6.2	9.5	15.4	29.6
10°	2.4	2.4	2.4	2.4	2.4	3.1	4.1	6.7	10.6	17.5	33.2
7.5°	2.4	2.4	2.4	2.4	2.4	3.2	4.4	7.2	11.7	19.6	37.0
5°	2.4	2.4	2.4	2.4	2.4	3.4	4.6	7.7	12.8	21.7	40.5
2.5°	2.4	2.4	2.4	2.4	2.4	3.6	4.7	8.1	13.8	23.7	43.6
0°	2.4	2.4	2.4	2.4	2.4	3.7	4.9	8.5	14.7	25.6	46.4
-2.5°	2.4	2.4	2.4	2.4	2.5	4.1	6.0	10.8	19.7	34.6	59.8
-5°	2.4	2.4	2.4	2.4	2.6	4.5	7.1	13.0	24.5	43.2	72.6
-7.5°	2.4	2.4	2.4	2.4	2.7	4.8	8.1	15.0	29.0	51.1	84.4
-10°	2.4	2.4	2.4	2.4	2.8	5.1	9.1	16.9	32.9	58.3	95.1
-12.5°	2.4	2.4	2.4	2.4	2.9	5.4	9.9	18.5	36.3	64.5	104.6
-15°	2.4	2.4	2.4	2.4	3.0	5.6	10.6	19.9	39.1	69.2	112.3
-17.5°	2.4	2.4	2.4	2.4	3.0	5.7	11.1	21.2	41.2	72.8	118.1
-20°	2.4	2.4	2.4	2.4	3.1	5.8	11.6	22.4	42.5	75.0	121.6



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.4	2.4	2.4	2.4	3.1	5.8	12.0	23.1	43.0	75.8	122.7
-25°	2.4	2.4	2.4	2.4	3.1	5.9	12.2	23.4	42.5	75.1	121.1
-27.5°	2.4	2.4	2.4	2.4	3.1	5.9	12.1	23.3	41.1	73.5	120.0
-30°	2.4	2.4	2.4	2.4	3.0	5.8	11.8	22.7	40.2	71.7	117.0
-32.5°	2.4	2.4	2.4	2.4	3.0	5.5	11.2	22.2	39.4	68.6	111.7
-35°	2.4	2.4	2.4	2.4	3.1	5.2	10.8	21.4	37.9	64.2	104.2
-37.5°	2.4	2.4	2.4	2.4	3.1	4.9	10.4	20.3	35.8	58.3	95.0
-40°	2.4	2.4	2.4	2.4	3.0	4.9	9.8	18.7	32.9	54.1	85.7
-42.5°	2.4	2.4	2.4	2.4	3.0	4.8	9.0	16.7	30.3	49.3	75.0
-45°	2.4	2.4	2.4	2.5	3.1	4.7	8.0	14.9	27.5	43.9	63.8
-47.5°	2.4	2.4	2.4	2.5	3.1	4.6	6.9	13.5	24.2	37.9	57.0
-50°	2.4	2.4	2.4	2.5	3.1	4.5	6.5	11.9	20.0	33.0	49.6
-52.5°	2.4	2.4	2.4	2.5	3.1	4.3	6.3	10.1	16.9	27.6	41.7
-55°	2.4	2.4	2.4	2.5	3.0	4.2	6.0	8.2	14.3	21.6	34.7
-57.5°	2.4	2.4	2.4	2.5	3.0	4.0	5.7	7.8	11.6	17.8	27.1
-60°	2.4	2.4	2.4	2.5	2.9	3.8	5.3	7.3	9.3	14.5	20.4
-62.5°	2.4	2.4	2.4	2.5	2.8	3.6	5.0	6.7	8.6	11.2	16.6
-65°	2.4	2.4	2.4	2.5	2.8	3.4	4.6	6.1	7.8	9.7	12.7
-67.5°	2.4	2.4	2.4	2.4	2.7	3.2	4.1	5.5	7.0	8.7	10.6
-70°	2.4	2.4	2.4	2.4	2.6	3.0	3.7	4.9	6.3	7.6	9.3
-72.5°	2.4	2.4	2.4	2.4	2.5	2.8	3.4	4.3	5.6	6.8	8.1
-75°	2.4	2.4	2.4	2.4	2.4	2.7	3.1	3.8	4.8	6.0	7.1
-77.5°	2.4	2.4	2.4	2.4	2.4	2.5	2.8	3.4	4.3	5.2	6.2
-80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.0	3.7	4.4	5.3
-82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.1	3.7	4.3
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.8	3.1	3.5
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.8	2.9
-90°	2.4	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7
80°	1.2	1.2	1.2	1.2	1.3	1.5	1.8	2.1	2.3	2.4	2.4
77.5°	1.5	1.5	1.5	1.3	1.4	1.7	2.0	2.3	2.4	2.4	2.4
75°	1.9	1.9	1.6	1.3	1.4	1.7	2.0	2.3	2.4	2.4	2.4
72.5°	2.2	1.9	1.6	1.4	1.6	2.0	2.3	2.4	3.0	3.7	4.2
70°	2.3	2.0	1.9	1.9	2.2	2.7	3.7	5.1	6.4	6.9	7.4
67.5°	2.3	2.2	2.2	2.5	3.4	4.6	6.1	8.0	10.0	10.7	11.4
65°	2.4	2.4	2.7	3.5	4.8	6.6	8.7	11.0	14.3	16.0	16.8
62.5°	2.4	2.6	3.2	4.6	6.6	8.8	11.6	15.2	19.7	22.5	22.4
60°	2.4	2.7	4.1	6.1	8.3	11.0	14.6	19.7	25.9	30.4	27.4
57.5°	2.4	3.2	5.2	7.5	9.9	12.9	17.9	24.1	29.9	35.9	30.7
55°	2.8	4.2	6.3	8.7	11.6	15.1	20.0	25.0	31.2	33.5	28.0
52.5°	3.7	5.1	7.2	10.0	13.5	16.3	19.0	23.4	25.8	26.8	23.0
50°	4.7	6.2	8.1	11.5	14.6	16.1	16.5	19.3	20.3	19.4	17.5
47.5°	5.7	7.3	9.3	12.6	14.7	15.4	14.9	15.4	15.3	15.1	12.7
45°	6.8	8.6	10.8	13.0	14.5	14.4	14.1	12.4	14.1	13.6	12.5
42.5°	7.9	9.9	12.0	13.5	13.9	14.7	14.6	15.1	15.2	15.9	17.1
40°	8.9	11.0	13.5	14.5	14.2	16.4	19.7	21.4	19.3	23.2	26.6
37.5°	9.9	12.6	15.7	18.2	16.8	21.7	27.1	35.7	37.0	34.3	43.8
35°	10.7	14.3	20.8	26.6	28.1	30.4	45.5	59.2	67.6	62.7	69.9
32.5°	12.0	16.2	27.8	40.5	50.5	53.3	69.2	97.9	114.6	117.5	112.8
30°	14.1	22.7	38.3	58.0	80.4	100.5	114.4	147.2	174.6	204.6	222.4
27.5°	17.2	31.2	55.2	85.6	119.4	157.0	188.2	213.5	263.7	314.6	358.3
25°	20.9	48.4	74.4	120.1	173.9	225.8	269.2	308.0	374.1	453.5	586.3
22.5°	29.9	70.6	106.5	158.9	234.4	300.1	358.7	419.1	499.7	606.6	884.4
20°	46.1	98.3	143.1	198.9	296.9	377.6	452.0	527.9	628.9	852.9	1462.3
17.5°	64.7	127.2	178.3	243.0	343.5	446.1	548.2	631.8	754.1	1084.7	2098.6
15°	85.2	157.0	210.1	283.4	387.6	499.3	613.3	733.0	919.5	1393.6	2702.6
12.5°	106.8	187.1	238.8	320.0	429.0	549.8	665.6	795.2	1068.9	1862.3	3471.0
10°	128.9	217.0	264.7	352.9	467.4	597.3	712.2	847.6	1185.9	2162.2	4007.6
7.5°	143.0	238.3	285.8	382.1	502.6	641.0	753.5	890.7	1285.0	2352.6	4382.7
5°	153.7	249.1	292.7	395.3	525.7	673.0	785.4	925.4	1364.9	2445.7	4642.0
2.5°	161.8	257.7	298.4	403.3	539.7	687.9	795.0	938.4	1398.0	2502.0	4821.5
0°	167.3	263.8	302.9	407.9	549.5	697.3	799.9	945.2	1403.1	2518.1	4909.1
-2.5°	176.5	268.6	312.0	416.1	554.7	700.3	804.0	950.5	1423.6	2593.3	5042.9
-5°	183.2	271.4	319.8	421.2	555.5	698.1	804.0	949.3	1411.7	2567.1	4874.0
-7.5°	187.8	272.6	325.9	422.9	548.1	682.8	787.6	922.2	1337.7	2402.1	4415.7
-10°	191.1	276.6	333.6	420.3	531.9	657.9	764.5	889.3	1242.2	2170.1	3884.5
-12.5°	196.2	283.1	341.1	416.6	514.9	629.4	737.7	851.2	1126.6	1871.4	3284.1
-15°	198.8	288.5	348.1	412.2	498.2	597.8	707.3	808.2	996.9	1510.9	2617.6
-17.5°	198.8	292.9	354.7	407.7	482.8	563.4	676.9	777.0	905.6	1289.2	2152.9
-20°	196.3	296.6	361.1	403.7	470.0	542.1	652.1	755.0	868.2	1123.3	1692.0



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	191.3	299.9	365.3	406.9	465.4	533.2	623.7	728.7	829.4	946.0	1340.1
-25°	187.9	291.8	365.8	410.2	460.5	523.8	593.1	697.7	793.1	905.4	1154.7
-27.5°	185.7	280.8	359.1	410.9	454.4	514.5	575.4	661.3	765.4	869.7	983.7
-30°	179.9	260.7	349.8	407.1	451.9	506.1	563.4	628.2	733.5	834.6	939.6
-32.5°	168.5	239.7	329.2	394.9	447.8	496.7	551.3	609.5	692.8	797.1	893.6
-35°	155.3	223.3	303.8	379.5	439.9	487.4	537.3	592.3	653.7	748.4	855.6
-37.5°	142.9	204.4	277.7	356.8	420.2	477.7	521.2	573.4	630.4	695.7	802.8
-40°	128.3	182.8	253.2	327.7	398.8	461.8	510.8	552.6	605.3	671.8	738.2
-42.5°	112.1	164.1	226.8	297.7	368.1	435.4	498.8	539.6	586.1	648.1	711.7
-45°	98.6	142.9	198.5	264.2	331.9	402.1	466.5	530.2	574.8	624.5	684.9
-47.5°	83.6	121.1	172.0	228.0	292.6	359.2	428.3	494.4	562.5	610.1	657.4
-50°	69.2	102.5	142.5	194.1	250.3	313.1	378.1	450.8	519.3	585.6	640.6
-52.5°	60.1	82.2	118.1	159.7	209.7	264.4	326.4	393.5	464.2	534.6	595.0
-55°	50.3	68.9	93.6	129.2	170.1	218.1	271.3	332.8	396.9	464.4	528.3
-57.5°	40.8	56.9	75.3	100.2	134.8	172.6	218.8	269.4	326.9	386.7	440.1
-60°	31.3	45.0	60.7	78.8	100.8	133.2	166.3	208.2	256.0	304.3	350.8
-62.5°	22.3	33.4	46.5	61.4	78.7	96.3	122.8	153.3	185.1	224.2	262.8
-65°	17.8	23.1	32.8	45.2	58.4	73.6	89.4	105.5	131.4	157.3	182.0
-67.5°	13.2	17.8	22.8	29.3	40.5	51.8	64.1	78.1	92.2	105.4	121.2
-70°	11.1	12.8	16.6	21.1	25.5	30.9	40.7	51.3	62.2	72.6	83.6
-72.5°	9.6	11.2	12.7	14.3	17.7	21.1	24.2	27.0	33.2	41.9	50.2
-75°	8.2	9.4	10.9	12.3	13.4	14.5	15.8	18.5	21.1	23.6	25.9
-77.5°	6.9	7.8	8.9	10.1	11.1	11.8	12.6	13.5	14.7	15.9	17.3
-80°	5.7	6.1	6.7	7.5	8.3	9.1	9.8	10.3	11.0	11.9	12.8
-82.5°	4.6	4.9	5.2	5.4	5.9	6.4	7.1	7.7	8.1	8.6	9.0
-85°	3.6	3.7	3.9	4.1	4.3	4.6	4.9	5.2	5.6	5.9	6.2
-87.5°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.6	3.9	4.1
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.4	2.7	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.7	1.7	1.6	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.4	2.2	2.1	2.0	2.0	1.8	1.7	1.5	1.2	1.2	1.2
77.5°	2.4	2.4	2.4	2.4	2.4	2.2	1.9	1.5	1.2	1.2	1.2
75°	2.4	2.5	2.7	2.7	2.5	2.3	2.2	2.2	2.2	2.0	1.8
72.5°	4.4	4.3	4.1	4.1	3.9	3.9	3.9	3.8	3.5	3.4	3.5
70°	7.8	8.1	8.0	7.7	7.0	6.3	5.8	5.3	4.8	4.5	4.3
67.5°	12.1	12.2	11.5	10.4	8.6	7.1	6.5	5.8	5.2	5.0	5.3
65°	16.7	15.2	13.4	11.4	9.2	7.2	6.7	6.3	5.9	5.9	6.4
62.5°	20.6	16.7	13.4	11.0	9.0	7.2	6.6	6.1	5.6	5.3	5.2
60°	22.8	16.7	12.0	9.9	8.1	6.4	5.6	5.3	5.0	4.9	4.9
57.5°	22.8	15.8	10.5	8.6	6.9	5.4	4.9	4.9	4.9	4.9	4.9
55°	20.3	13.8	8.9	7.4	6.3	5.4	4.9	5.1	5.1	4.9	5.2
52.5°	15.9	11.4	8.3	6.9	6.4	6.1	6.0	5.9	5.8	5.7	5.9
50°	12.6	9.5	8.0	7.2	7.2	7.2	7.2	7.3	7.5	7.6	7.6
47.5°	10.6	8.9	9.1	8.3	8.6	9.4	9.6	9.7	10.0	10.1	9.9
45°	10.9	12.6	12.9	12.8	12.6	14.3	14.2	13.0	14.6	15.1	14.7
42.5°	18.0	19.4	20.5	21.4	22.4	23.7	24.5	24.1	25.5	25.5	23.9
40°	30.3	28.9	31.2	34.0	36.5	37.4	39.7	42.1	43.0	42.5	40.9
37.5°	49.8	47.6	47.8	54.0	59.7	53.0	62.9	66.9	64.4	73.3	75.1
35°	82.7	91.4	78.8	101.1	112.1	106.7	118.6	142.1	123.9	157.2	165.4
32.5°	147.0	168.0	181.2	199.9	227.6	264.0	273.1	331.1	349.7	376.6	405.5
30°	240.2	299.5	408.7	429.1	455.5	580.8	615.2	646.8	712.8	763.7	850.1
27.5°	436.4	596.4	824.8	1025.9	1011.2	1223.2	1459.2	1195.0	1587.1	1429.8	1805.9
25°	817.2	1169.8	1720.7	2253.6	2507.9	2940.0	3480.5	3378.2	4091.3	4140.8	5192.5
22.5°	1554.3	2320.4	3162.7	4068.6	4947.5	5920.1	6854.7	7834.5	9307.6	11342.9	13321.0
20°	2543.1	3669.5	5029.8	6432.5	7920.1	9432.7	11190.1	14166.2	17217.6	21453.3	24445.6
17.5°	3614.4	5407.2	7077.0	8815.0	10894.7	13409.0	17044.3	22129.5	28297.5	34629.1	39527.3
15°	4550.3	6578.4	8985.3	11302.4	13888.4	17662.5	23372.1	30904.2	40076.9	49702.3	61341.7
12.5°	5455.8	7574.3	10189.9	13120.7	16634.8	22036.7	29437.6	39616.6	51768.2	66232.2	81181.7
10°	6158.5	8483.0	11394.2	14694.7	18983.9	25618.5	34218.8	46236.5	64243.3	81318.0	98389.2
7.5°	6707.7	9322.6	12406.3	15870.3	20864.4	28335.0	38624.6	53752.7	72778.3	91252.6	106976.5
5°	7195.8	10012.9	13092.0	16532.8	22218.2	30311.6	41392.0	58668.8	78971.7	97128.4	112091.0
2.5°	7580.3	10464.3	13468.6	16864.7	23089.7	31402.6	42851.4	61307.2	82963.9	100889.3	115176.6
0°	7813.1	10544.8	13531.8	16935.2	23155.9	31897.0	43990.3	62461.7	84387.8	102729.8	116781.8
-2.5°	7729.7	10364.5	13327.1	16728.1	22937.5	31433.6	43074.2	61876.7	83181.2	100341.8	114474.5
-5°	7314.2	9774.6	12525.6	15725.5	21488.6	29673.6	40477.5	57623.3	77648.6	94780.1	108079.0
-7.5°	6659.1	8950.3	11475.9	14438.3	19421.9	26818.2	36663.4	51254.4	69433.5	85240.6	97242.1
-10°	5926.2	7994.6	10182.8	12806.6	16702.2	22980.4	31201.8	42343.1	57934.2	72146.7	83494.3
-12.5°	5045.3	6766.1	8605.5	10868.3	13820.9	18939.1	25851.4	34889.1	45729.7	58376.9	68707.7
-15°	4129.7	5576.5	7099.0	9221.5	11739.7	14999.9	19968.5	27153.5	35200.2	43838.5	53211.8
-17.5°	3316.3	4541.2	6155.5	7943.2	9862.5	12131.2	16239.3	21135.9	26959.4	33120.8	38777.8
-20°	2664.0	3963.1	5413.3	6968.0	8731.5	10913.1	13436.8	17156.9	21475.4	26205.2	30736.9



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2191.5	3356.5	4703.2	6161.5	7945.6	9909.5	11953.4	14288.1	17387.2	21023.6	24504.9
-25°	1669.1	2642.7	3949.1	5419.8	7063.3	8795.3	10454.3	12357.4	14623.1	16989.1	19426.9
-27.5°	1323.0	2010.2	3082.9	4464.1	5984.8	7340.8	8762.2	10347.0	12328.2	14386.8	15743.1
-30°	1079.9	1482.2	2287.4	3366.5	4637.5	5834.1	7001.2	8425.5	9980.8	11458.2	12657.3
-32.5°	1008.8	1188.8	1605.4	2374.4	3329.0	4397.1	5444.8	6716.2	7923.3	9092.5	10123.5
-35°	958.6	1073.7	1230.8	1632.0	2207.0	3075.0	4032.2	5108.1	6197.6	7142.1	8016.5
-37.5°	911.8	1011.7	1115.7	1219.2	1542.9	1940.2	2614.4	3465.3	4291.8	5056.1	5808.7
-40°	845.1	954.5	1038.6	1127.1	1223.4	1332.8	1685.6	2033.3	2437.8	3023.9	3537.4
-42.5°	774.3	865.5	961.2	1044.1	1124.6	1208.7	1297.6	1386.0	1570.9	1800.9	1989.2
-45°	744.7	799.6	865.4	951.9	1032.8	1108.3	1180.7	1250.7	1324.6	1392.1	1447.2
-47.5°	709.3	759.3	812.5	868.9	928.3	1001.2	1072.8	1144.0	1208.7	1268.7	1316.7
-50°	676.6	715.8	763.4	811.4	858.9	907.8	957.2	1012.2	1073.9	1134.8	1184.8
-52.5°	649.9	685.8	719.8	753.9	795.2	836.6	878.1	921.9	964.1	1004.0	1035.1
-55°	585.0	635.6	685.3	717.5	745.3	773.6	805.0	844.2	881.6	917.0	937.9
-57.5°	496.6	555.2	609.0	646.9	685.8	725.1	757.5	785.5	813.8	840.8	855.6
-60°	398.3	446.5	495.2	540.4	583.5	624.3	662.1	698.9	733.0	761.7	779.0
-62.5°	301.0	341.0	380.6	418.4	454.7	490.1	530.4	569.2	606.2	636.4	654.9
-65°	209.6	242.3	273.0	302.4	330.6	360.8	392.1	422.6	451.8	475.0	490.3
-67.5°	142.6	162.7	181.0	198.5	220.0	243.2	266.1	287.5	307.1	322.2	332.9
-70°	94.7	105.5	115.1	126.5	140.5	154.6	168.8	182.0	194.0	203.1	209.8
-72.5°	58.3	65.7	72.7	80.3	87.4	94.8	102.6	110.2	117.5	122.8	126.8
-75°	28.0	31.5	37.7	43.3	48.3	53.0	57.3	61.0	64.3	66.3	67.7
-77.5°	19.1	20.7	22.2	23.7	25.3	27.2	29.2	31.0	32.8	34.1	35.4
-80°	13.8	14.6	15.3	15.9	16.4	17.3	18.1	19.0	19.9	20.2	20.5
-82.5°	9.5	10.2	10.8	11.4	12.0	12.6	13.1	13.7	14.2	14.6	15.0
-85°	6.4	6.7	7.1	7.4	7.8	8.3	8.7	9.1	9.5	9.6	9.7
-87.5°	4.4	4.6	4.7	4.7	4.8	5.1	5.4	5.7	6.1	6.1	6.1
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
75°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.2	2.2
72.5°	3.6	3.6	3.1	2.4	3.1	3.6	3.6	3.5	3.4	3.5	3.8
70°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.5	4.8	5.3
67.5°	5.6	6.0	6.1	6.1	6.1	6.0	5.6	5.3	5.0	5.2	5.8
65°	6.8	7.2	6.8	6.1	6.8	7.2	6.8	6.4	5.9	5.9	6.3
62.5°	5.1	5.0	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.6	6.1
60°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.3
57.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
55°	5.5	5.9	6.1	6.1	6.1	5.9	5.5	5.2	4.9	5.1	5.1
52.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.8	5.9
50°	7.6	7.4	7.3	7.3	7.3	7.4	7.6	7.6	7.6	7.5	7.3
47.5°	9.4	8.8	8.5	8.5	8.5	8.8	9.4	9.9	10.1	10.0	9.7
45°	14.8	14.7	14.6	14.7	14.6	14.7	14.8	14.7	15.1	14.6	13.0
42.5°	24.8	25.2	24.7	23.2	24.7	25.2	24.8	23.9	25.5	25.5	24.1
40°	40.9	39.4	37.3	36.6	37.3	39.4	40.9	40.9	42.5	43.0	42.1
37.5°	76.0	76.0	74.2	73.3	74.2	76.0	76.0	75.1	73.3	64.4	66.9
35°	159.9	158.6	149.9	141.7	149.9	158.6	159.9	165.4	157.2	123.9	142.1
32.5°	415.3	437.3	435.2	422.5	435.2	437.3	415.3	405.5	376.6	349.7	331.1
30°	883.4	922.8	914.5	862.1	914.5	922.8	883.4	850.1	763.7	712.8	646.8
27.5°	1825.8	1918.2	1999.5	1892.8	1999.5	1918.2	1825.8	1805.9	1429.8	1587.1	1195.0
25°	6245.6	6846.2	7201.6	6649.3	7201.6	6846.2	6245.6	5192.5	4140.8	4091.3	3378.2
22.5°	14905.7	15654.2	16053.6	16281.9	16053.6	15654.2	14905.7	13321.0	11342.9	9307.6	7834.5
20°	27342.1	28942.6	29967.8	27902.5	29967.8	28942.6	27342.1	24445.6	21453.3	17217.6	14166.2
17.5°	46322.2	52225.0	55332.9	57021.4	55332.9	52225.0	46322.2	39527.3	34629.1	28297.5	22129.5
15°	70324.4	77877.0	82977.2	84974.0	82977.2	77877.0	70324.4	61341.7	49702.3	40076.9	30904.2
12.5°	93018.8	100811.9	105517.6	106700.5	105517.6	100811.9	93018.8	81181.7	66232.2	51768.2	39616.6
10°	109160.6	116503.5	121916.7	123817.0	121916.7	116503.5	109160.6	98389.2	81318.0	64243.3	46236.5
7.5°	118146.8	126730.2	131501.1	132688.8	131501.1	126730.2	118146.8	106976.5	91252.6	72778.3	53752.7
5°	123318.5	131073.8	136289.0	136921.4	136289.0	131073.8	123318.5	112091.0	97128.4	78971.7	58668.8
2.5°	126653.2	134237.6	138625.5	139915.1	138625.5	134237.6	126653.2	115176.6	100889.3	82963.9	61307.2
0°	127471.4	134444.9	139745.9	141395.8	139745.9	134444.9	127471.4	116781.8	102729.8	84387.8	62461.7
-2.5°	124993.8	131721.1	135252.3	135824.8	135252.3	131721.1	124993.8	114474.5	100341.8	83181.2	61876.7
-5°	118666.9	123642.1	127718.7	128240.1	127718.7	123642.1	118666.9	108079.0	94780.1	77648.6	57623.3
-7.5°	105227.4	110808.6	113063.1	113673.4	113063.1	110808.6	105227.4	97242.1	85240.6	69433.5	51254.4
-10°	90927.9	95709.3	97306.5	98168.7	97306.5	95709.3	90927.9	83494.3	72146.7	57934.2	42343.1
-12.5°	76928.7	81604.1	83175.2	84423.3	83175.2	81604.1	76928.7	68707.7	58376.9	45729.7	34889.1
-15°	61243.8	65847.8	68386.0	69791.2	68386.0	65847.8	61243.8	53211.8	43838.5	35200.2	27153.5
-17.5°	45957.2	50329.6	53283.9	55002.8	53283.9	50329.6	45957.2	38777.8	33120.8	26959.4	21135.9
-20°	34846.5	37805.7	40079.2	41428.2	40079.2	37805.7	34846.5	30736.9	26205.2	21475.4	17156.9



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27220.3	29269.9	30586.9	31448.8	30586.9	29269.9	27220.3	24504.9	21023.6	17387.2	14288.1
-25°	21274.3	22619.4	23471.2	24168.2	23471.2	22619.4	21274.3	19426.9	16989.1	14623.1	12357.4
-27.5°	16844.7	17565.9	17942.4	18454.3	17942.4	17565.9	16844.7	15743.1	14386.8	12328.2	10347.0
-30°	13541.5	14094.9	14394.1	14505.1	14394.1	14094.9	13541.5	12657.3	11458.2	9980.8	8425.5
-32.5°	10898.6	11421.4	11798.9	11976.0	11798.9	11421.4	10898.6	10123.5	9092.5	7923.3	6716.2
-35°	8695.0	9131.1	9428.8	9592.3	9428.8	9131.1	8695.0	8016.5	7142.1	6197.6	5108.1
-37.5°	6432.0	6910.6	7238.2	7350.2	7238.2	6910.6	6432.0	5808.7	5056.1	4291.8	3465.3
-40°	3946.3	4251.2	4447.9	4530.5	4447.9	4251.2	3946.3	3537.4	3023.9	2437.8	2033.3
-42.5°	2136.0	2247.9	2325.7	2370.3	2325.7	2247.9	2136.0	1989.2	1800.9	1570.9	1386.0
-45°	1482.8	1511.1	1529.0	1536.2	1529.0	1511.1	1482.8	1447.2	1392.1	1324.6	1250.7
-47.5°	1351.8	1382.4	1398.7	1399.5	1398.7	1382.4	1351.8	1316.7	1268.7	1208.7	1144.0
-50°	1224.4	1257.7	1274.5	1276.1	1274.5	1257.7	1224.4	1184.8	1134.8	1073.9	1012.2
-52.5°	1063.4	1089.8	1101.3	1100.3	1101.3	1089.8	1063.4	1035.1	1004.0	964.1	921.9
-55°	956.0	971.7	978.7	979.4	978.7	971.7	956.0	937.9	917.0	881.6	844.2
-57.5°	868.9	880.5	884.6	884.1	884.6	880.5	868.9	855.6	840.8	813.8	785.5
-60°	794.2	806.9	810.4	808.4	810.4	806.9	794.2	779.0	761.7	733.0	698.9
-62.5°	670.1	681.7	687.5	688.7	687.5	681.7	670.1	654.9	636.4	606.2	569.2
-65°	502.3	511.0	515.6	516.6	515.6	511.0	502.3	490.3	475.0	451.8	422.6
-67.5°	341.1	347.0	348.8	348.0	348.8	347.0	341.1	332.9	322.2	307.1	287.5
-70°	215.3	219.4	220.4	219.8	220.4	219.4	215.3	209.8	203.1	194.0	182.0
-72.5°	130.0	132.5	132.7	131.9	132.7	132.5	130.0	126.8	122.8	117.5	110.2
-75°	68.5	68.9	68.8	68.4	68.8	68.9	68.5	67.7	66.3	64.3	61.0
-77.5°	36.5	37.5	37.2	36.6	37.2	37.5	36.5	35.4	34.1	32.8	31.0
-80°	20.6	20.7	20.8	20.8	20.8	20.7	20.6	20.5	20.2	19.9	19.0
-82.5°	15.4	15.8	15.3	14.7	15.3	15.8	15.4	15.0	14.6	14.2	13.7
-85°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.1
-87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.7
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.3	4.0	3.7	3.4	3.1	2.7	2.4	2.4	2.4	2.4	2.4
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.4	1.6	1.7	1.7	1.7	1.6	1.5	1.3
80°	1.7	1.8	2.0	2.0	2.1	2.2	2.4	2.4	2.4	2.3	2.1
77.5°	1.9	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
75°	2.2	2.3	2.5	2.7	2.7	2.5	2.4	2.4	2.4	2.4	2.3
72.5°	3.9	3.9	3.9	4.1	4.1	4.3	4.4	4.2	3.7	3.0	2.4
70°	5.8	6.3	7.0	7.7	8.0	8.1	7.8	7.4	6.9	6.4	5.1
67.5°	6.5	7.1	8.6	10.4	11.5	12.2	12.1	11.4	10.7	10.0	8.0
65°	6.7	7.2	9.2	11.4	13.4	15.2	16.7	16.8	16.0	14.3	11.0
62.5°	6.6	7.2	9.0	11.0	13.4	16.7	20.6	22.4	22.5	19.7	15.2
60°	5.6	6.4	8.1	9.9	12.0	16.7	22.8	27.4	30.4	25.9	19.7
57.5°	4.9	5.4	6.9	8.6	10.5	15.8	22.8	30.7	35.9	29.9	24.1
55°	4.9	5.4	6.3	7.4	8.9	13.8	20.3	28.0	33.5	31.2	25.0
52.5°	6.0	6.1	6.4	6.9	8.3	11.4	15.9	23.0	26.8	25.8	23.4
50°	7.2	7.2	7.2	7.2	8.0	9.5	12.6	17.5	19.4	20.3	19.3
47.5°	9.6	9.4	8.6	8.3	9.1	8.9	10.6	12.7	15.1	15.3	15.4
45°	14.2	14.3	12.6	12.8	12.9	12.6	10.9	12.5	13.6	14.1	12.4
42.5°	24.5	23.7	22.4	21.4	20.5	19.4	18.0	17.1	15.9	15.2	15.1
40°	39.7	37.4	36.5	34.0	31.2	28.9	30.3	26.6	23.2	19.3	21.4
37.5°	62.9	53.0	59.7	54.0	47.8	47.6	49.8	43.8	34.3	37.0	35.7
35°	118.6	106.7	112.1	101.1	78.8	91.4	82.7	69.9	62.7	67.6	59.2
32.5°	273.1	264.0	227.6	199.9	181.2	168.0	147.0	112.8	117.5	114.6	97.9
30°	615.2	580.8	455.5	429.1	408.7	299.5	240.2	222.4	204.6	174.6	147.2
27.5°	1459.2	1223.2	1011.2	1025.9	824.8	596.4	436.4	358.3	314.6	263.7	213.5
25°	3480.5	2940.0	2507.9	2253.6	1720.7	1169.8	817.2	586.3	453.5	374.1	308.0
22.5°	6854.7	5920.1	4947.5	4068.6	3162.7	2320.4	1554.3	884.4	606.6	499.7	419.1
20°	11190.1	9432.7	7920.1	6432.5	5029.8	3669.5	2543.1	1462.3	852.9	628.9	527.9
17.5°	17044.3	13409.0	10894.7	8815.0	7077.0	5407.2	3614.4	2098.6	1084.7	754.1	631.8
15°	23372.1	17662.5	13888.4	11302.4	8985.3	6578.4	4550.3	2702.6	1393.6	919.5	733.0
12.5°	29437.6	22036.7	16634.8	13120.7	10189.9	7574.3	5455.8	3471.0	1862.3	1068.9	795.2
10°	34218.8	25618.5	18983.9	14694.7	11394.2	8483.0	6158.5	4007.6	2162.2	1185.9	847.6
7.5°	38624.6	28335.0	20864.4	15870.3	12406.3	9322.6	6707.7	4382.7	2352.6	1285.0	890.7
5°	41392.0	30311.6	22218.2	16532.8	13092.0	10012.9	7195.8	4642.0	2445.7	1364.9	925.4
2.5°	42851.4	31402.6	23089.7	16864.7	13468.6	10464.3	7580.3	4821.5	2502.0	1398.0	938.4
0°	43990.3	31897.0	23155.9	16935.2	13531.8	10544.8	7813.1	4909.1	2518.1	1403.1	945.2
-2.5°	43074.2	31433.6	22937.5	16728.1	13327.1	10364.5	7729.7	5042.9	2593.3	1423.6	950.5
-5°	40477.5	29673.6	21488.6	15725.5	12525.6	9774.6	7314.2	4874.0	2567.1	1411.7	949.3
-7.5°	36663.4	26818.2	19421.9	14438.3	11475.9	8950.3	6659.1	4415.7	2402.1	1337.7	922.2
-10°	31201.8	22980.4	16702.2	12806.6	10182.8	7994.6	5926.2	3884.5	2170.1	1242.2	889.3
-12.5°	25851.4	18939.1	13820.9	10868.3	8605.5	6766.1	5045.3	3284.1	1871.4	1126.6	851.2
-15°	19968.5	14999.9	11739.7	9221.5	7099.0	5576.5	4129.7	2617.6	1510.9	996.9	808.2
-17.5°	16239.3	12131.2	9862.5	7943.2	6155.5	4541.2	3316.3	2152.9	1289.2	905.6	777.0
-20°	13436.8	10913.1	8731.5	6968.0	5413.3	3963.1	2664.0	1692.0	1123.3	868.2	755.0



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11953.4	9909.5	7945.6	6161.5	4703.2	3356.5	2191.5	1340.1	946.0	829.4	728.7
-25°	10454.3	8795.3	7063.3	5419.8	3949.1	2642.7	1669.1	1154.7	905.4	793.1	697.7
-27.5°	8762.2	7340.8	5984.8	4464.1	3082.9	2010.2	1323.0	983.7	869.7	765.4	661.3
-30°	7001.2	5834.1	4637.5	3366.5	2287.4	1482.2	1079.9	939.6	834.6	733.5	628.2
-32.5°	5444.8	4397.1	3329.0	2374.4	1605.4	1188.8	1008.8	893.6	797.1	692.8	609.5
-35°	4032.2	3075.0	2207.0	1632.0	1230.8	1073.7	958.6	855.6	748.4	653.7	592.3
-37.5°	2614.4	1940.2	1542.9	1219.2	1115.7	1011.7	911.8	802.8	695.7	630.4	573.4
-40°	1685.6	1332.8	1223.4	1127.1	1038.6	954.5	845.1	738.2	671.8	605.3	552.6
-42.5°	1297.6	1208.7	1124.6	1044.1	961.2	865.5	774.3	711.7	648.1	586.1	539.6
-45°	1180.7	1108.3	1032.8	951.9	865.4	799.6	744.7	684.9	624.5	574.8	530.2
-47.5°	1072.8	1001.2	928.3	868.9	812.5	759.3	709.3	657.4	610.1	562.5	494.4
-50°	957.2	907.8	858.9	811.4	763.4	715.8	676.6	640.6	585.6	519.3	450.8
-52.5°	878.1	836.6	795.2	753.9	719.8	685.8	649.9	595.0	534.6	464.2	393.5
-55°	805.0	773.6	745.3	717.5	685.3	635.6	585.0	528.3	464.4	396.9	332.8
-57.5°	757.5	725.1	685.8	646.9	609.0	555.2	496.6	440.1	386.7	326.9	269.4
-60°	662.1	624.3	583.5	540.4	495.2	446.5	398.3	350.8	304.3	256.0	208.2
-62.5°	530.4	490.1	454.7	418.4	380.6	341.0	301.0	262.8	224.2	185.1	153.3
-65°	392.1	360.8	330.6	302.4	273.0	242.3	209.6	182.0	157.3	131.4	105.5
-67.5°	266.1	243.2	220.0	198.5	181.0	162.7	142.6	121.2	105.4	92.2	78.1
-70°	168.8	154.6	140.5	126.5	115.1	105.5	94.7	83.6	72.6	62.2	51.3
-72.5°	102.6	94.8	87.4	80.3	72.7	65.7	58.3	50.2	41.9	33.2	27.0
-75°	57.3	53.0	48.3	43.3	37.7	31.5	28.0	25.9	23.6	21.1	18.5
-77.5°	29.2	27.2	25.3	23.7	22.2	20.7	19.1	17.3	15.9	14.7	13.5
-80°	18.1	17.3	16.4	15.9	15.3	14.6	13.8	12.8	11.9	11.0	10.3
-82.5°	13.1	12.6	12.0	11.4	10.8	10.2	9.5	9.0	8.6	8.1	7.7
-85°	8.7	8.3	7.8	7.4	7.1	6.7	6.4	6.2	5.9	5.6	5.2
-87.5°	5.4	5.1	4.8	4.7	4.7	4.6	4.4	4.1	3.9	3.6	3.3
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.8	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.4	1.4	1.4
77.5°	2.0	1.7	1.4	1.3	1.5	1.5	1.5	1.4	1.5	1.7	1.7
75°	2.0	1.7	1.4	1.3	1.6	1.9	1.9	1.9	1.8	1.9	2.0
72.5°	2.3	2.0	1.6	1.4	1.6	1.9	2.2	2.3	2.1	2.1	2.2
70°	3.7	2.7	2.2	1.9	1.9	2.0	2.3	2.4	2.4	2.3	2.3
67.5°	6.1	4.6	3.4	2.5	2.2	2.2	2.3	2.4	2.4	2.4	2.3
65°	8.7	6.6	4.8	3.5	2.7	2.4	2.4	2.4	2.4	2.4	2.4
62.5°	11.6	8.8	6.6	4.6	3.2	2.6	2.4	2.4	2.4	2.4	2.4
60°	14.6	11.0	8.3	6.1	4.1	2.7	2.4	2.4	2.4	2.4	2.4
57.5°	17.9	12.9	9.9	7.5	5.2	3.2	2.4	2.4	2.4	2.4	2.4
55°	20.0	15.1	11.6	8.7	6.3	4.2	2.8	2.4	2.4	2.4	2.4
52.5°	19.0	16.3	13.5	10.0	7.2	5.1	3.7	2.4	2.4	2.4	2.4
50°	16.5	16.1	14.6	11.5	8.1	6.2	4.7	3.2	2.4	2.4	2.4
47.5°	14.9	15.4	14.7	12.6	9.3	7.3	5.7	4.0	2.4	2.4	2.4
45°	14.1	14.4	14.5	13.0	10.8	8.6	6.8	4.8	3.1	2.4	2.4
42.5°	14.6	14.7	13.9	13.5	12.0	9.9	7.9	5.8	3.8	2.5	2.4
40°	19.7	16.4	14.2	14.5	13.5	11.0	8.9	6.8	4.5	2.8	2.6
37.5°	27.1	21.7	16.8	18.2	15.7	12.6	9.9	7.8	5.3	3.5	2.7
35°	45.5	30.4	28.1	26.6	20.8	14.3	10.7	8.8	6.2	4.1	2.8
32.5°	69.2	53.3	50.5	40.5	27.8	16.2	12.0	9.7	7.1	4.6	3.0
30°	114.4	100.5	80.4	58.0	38.3	22.7	14.1	10.7	8.0	5.2	3.3
27.5°	188.2	157.0	119.4	85.6	55.2	31.2	17.2	12.0	8.8	5.8	3.7
25°	269.2	225.8	173.9	120.1	74.4	48.4	20.9	13.4	9.7	6.5	4.2
22.5°	358.7	300.1	234.4	158.9	106.5	70.6	29.9	16.3	10.8	7.1	4.5
20°	452.0	377.6	296.9	198.9	143.1	98.3	46.1	19.4	11.9	7.7	4.9
17.5°	548.2	446.1	343.5	243.0	178.3	127.2	64.7	22.7	13.1	8.2	5.2
15°	613.3	499.3	387.6	283.4	210.1	157.0	85.2	26.1	14.2	8.7	5.7
12.5°	665.6	549.8	429.0	320.0	238.8	187.1	106.8	29.6	15.4	9.5	6.2
10°	712.2	597.3	467.4	352.9	264.7	217.0	128.9	33.2	17.5	10.6	6.7
7.5°	753.5	641.0	502.6	382.1	285.8	238.3	143.0	37.0	19.6	11.7	7.2
5°	785.4	673.0	525.7	395.3	292.7	249.1	153.7	40.5	21.7	12.8	7.7
2.5°	795.0	687.9	539.7	403.3	298.4	257.7	161.8	43.6	23.7	13.8	8.1
0°	799.9	697.3	549.5	407.9	302.9	263.8	167.3	46.4	25.6	14.7	8.5
-2.5°	804.0	700.3	554.7	416.1	312.0	268.6	176.5	59.8	34.6	19.7	10.8
-5°	804.0	698.1	555.5	421.2	319.8	271.4	183.2	72.6	43.2	24.5	13.0
-7.5°	787.6	682.8	548.1	422.9	325.9	272.6	187.8	84.4	51.1	29.0	15.0
-10°	764.5	657.9	531.9	420.3	333.6	276.6	191.1	95.1	58.3	32.9	16.9
-12.5°	737.7	629.4	514.9	416.6	341.1	283.1	196.2	104.6	64.5	36.3	18.5
-15°	707.3	597.8	498.2	412.2	348.1	288.5	198.8	112.3	69.2	39.1	19.9
-17.5°	676.9	563.4	482.8	407.7	354.7	292.9	198.8	118.1	72.8	41.2	21.2
-20°	652.1	542.1	470.0	403.7	361.1	296.6	196.3	121.6	75.0	42.5	22.4



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	623.7	533.2	465.4	406.9	365.3	299.9	191.3	122.7	75.8	43.0	23.1
-25°	593.1	523.8	460.5	410.2	365.8	291.8	187.9	121.1	75.1	42.5	23.4
-27.5°	575.4	514.5	454.4	410.9	359.1	280.8	185.7	120.0	73.5	41.1	23.3
-30°	563.4	506.1	451.9	407.1	349.8	260.7	179.9	117.0	71.7	40.2	22.7
-32.5°	551.3	496.7	447.8	394.9	329.2	239.7	168.5	111.7	68.6	39.4	22.2
-35°	537.3	487.4	439.9	379.5	303.8	223.3	155.3	104.2	64.2	37.9	21.4
-37.5°	521.2	477.7	420.2	356.8	277.7	204.4	142.9	95.0	58.3	35.8	20.3
-40°	510.8	461.8	398.8	327.7	253.2	182.8	128.3	85.7	54.1	32.9	18.7
-42.5°	498.8	435.4	368.1	297.7	226.8	164.1	112.1	75.0	49.3	30.3	16.7
-45°	466.5	402.1	331.9	264.2	198.5	142.9	98.6	63.8	43.9	27.5	14.9
-47.5°	428.3	359.2	292.6	228.0	172.0	121.1	83.6	57.0	37.9	24.2	13.5
-50°	378.1	313.1	250.3	194.1	142.5	102.5	69.2	49.6	33.0	20.0	11.9
-52.5°	326.4	264.4	209.7	159.7	118.1	82.2	60.1	41.7	27.6	16.9	10.1
-55°	271.3	218.1	170.1	129.2	93.6	68.9	50.3	34.7	21.6	14.3	8.2
-57.5°	218.8	172.6	134.8	100.2	75.3	56.9	40.8	27.1	17.8	11.6	7.8
-60°	166.3	133.2	100.8	78.8	60.7	45.0	31.3	20.4	14.5	9.3	7.3
-62.5°	122.8	96.3	78.7	61.4	46.5	33.4	22.3	16.6	11.2	8.6	6.7
-65°	89.4	73.6	58.4	45.2	32.8	23.1	17.8	12.7	9.7	7.8	6.1
-67.5°	64.1	51.8	40.5	29.3	22.8	17.8	13.2	10.6	8.7	7.0	5.5
-70°	40.7	30.9	25.5	21.1	16.6	12.8	11.1	9.3	7.6	6.3	4.9
-72.5°	24.2	21.1	17.7	14.3	12.7	11.2	9.6	8.1	6.8	5.6	4.3
-75°	15.8	14.5	13.4	12.3	10.9	9.4	8.2	7.1	6.0	4.8	3.8
-77.5°	12.6	11.8	11.1	10.1	8.9	7.8	6.9	6.2	5.2	4.3	3.4
-80°	9.8	9.1	8.3	7.5	6.7	6.1	5.7	5.3	4.4	3.7	3.0
-82.5°	7.1	6.4	5.9	5.4	5.2	4.9	4.6	4.3	3.7	3.1	2.7
-85°	4.9	4.6	4.3	4.1	3.9	3.7	3.6	3.5	3.1	2.8	2.6
-87.5°	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.6	2.5
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
87.5°	1.2	1.3	1.3	1.3	1.3	1.8	2.4
85°	1.2	1.3	1.4	1.4	1.4	1.9	2.4
82.5°	1.2	1.4	1.5	1.6	1.5	1.9	2.4
80°	1.3	1.5	1.6	1.7	1.6	1.9	2.4
77.5°	1.6	1.6	1.7	1.8	1.7	1.9	2.4
75°	1.9	1.8	1.9	1.9	1.8	2.0	2.4
72.5°	2.2	2.0	2.0	2.0	1.9	2.0	2.4
70°	2.4	2.2	2.1	2.2	2.0	2.0	2.4
67.5°	2.4	2.3	2.2	2.2	2.1	2.1	2.4
65°	2.4	2.4	2.2	2.2	2.2	2.1	2.4
62.5°	2.4	2.4	2.3	2.3	2.3	2.1	2.4
60°	2.4	2.4	2.4	2.3	2.4	2.1	2.4
57.5°	2.4	2.4	2.4	2.3	2.4	2.2	2.4
55°	2.4	2.4	2.4	2.4	2.4	2.2	2.4
52.5°	2.4	2.4	2.4	2.4	2.4	2.2	2.4
50°	2.4	2.4	2.4	2.4	2.4	2.2	2.4
47.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
45°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
42.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
40°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
37.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
35°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
32.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.4
30°	2.6	2.4	2.4	2.4	2.4	2.4	2.4
27.5°	2.7	2.4	2.4	2.4	2.4	2.4	2.4
25°	2.9	2.4	2.4	2.4	2.4	2.4	2.4
22.5°	3.0	2.4	2.4	2.4	2.4	2.4	2.4
20°	3.2	2.5	2.4	2.4	2.4	2.4	2.4
17.5°	3.4	2.6	2.4	2.4	2.4	2.4	2.4
15°	3.7	2.8	2.4	2.4	2.4	2.4	2.4
12.5°	3.9	2.9	2.4	2.4	2.4	2.4	2.4
10°	4.1	3.1	2.4	2.4	2.4	2.4	2.4
7.5°	4.4	3.2	2.4	2.4	2.4	2.4	2.4
5°	4.6	3.4	2.4	2.4	2.4	2.4	2.4
2.5°	4.7	3.6	2.4	2.4	2.4	2.4	2.4
0°	4.9	3.7	2.4	2.4	2.4	2.4	2.4
-2.5°	6.0	4.1	2.5	2.4	2.4	2.4	2.4
-5°	7.1	4.5	2.6	2.4	2.4	2.4	2.4
-7.5°	8.1	4.8	2.7	2.4	2.4	2.4	2.4
-10°	9.1	5.1	2.8	2.4	2.4	2.4	2.4
-12.5°	9.9	5.4	2.9	2.4	2.4	2.4	2.4
-15°	10.6	5.6	3.0	2.4	2.4	2.4	2.4
-17.5°	11.1	5.7	3.0	2.4	2.4	2.4	2.4
-20°	11.6	5.8	3.1	2.4	2.4	2.4	2.4



REPORT NUMBER: P1306001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.0	5.8	3.1	2.4	2.4	2.4	2.4
-25°	12.2	5.9	3.1	2.4	2.4	2.4	2.4
-27.5°	12.1	5.9	3.1	2.4	2.4	2.4	2.4
-30°	11.8	5.8	3.0	2.4	2.4	2.4	2.4
-32.5°	11.2	5.5	3.0	2.4	2.4	2.4	2.4
-35°	10.8	5.2	3.1	2.4	2.4	2.4	2.4
-37.5°	10.4	4.9	3.1	2.4	2.4	2.4	2.4
-40°	9.8	4.9	3.0	2.4	2.4	2.4	2.4
-42.5°	9.0	4.8	3.0	2.4	2.4	2.4	2.4
-45°	8.0	4.7	3.1	2.5	2.4	2.4	2.4
-47.5°	6.9	4.6	3.1	2.5	2.4	2.4	2.4
-50°	6.5	4.5	3.1	2.5	2.4	2.4	2.4
-52.5°	6.3	4.3	3.1	2.5	2.4	2.4	2.4
-55°	6.0	4.2	3.0	2.5	2.4	2.4	2.4
-57.5°	5.7	4.0	3.0	2.5	2.4	2.4	2.4
-60°	5.3	3.8	2.9	2.5	2.4	2.4	2.4
-62.5°	5.0	3.6	2.8	2.5	2.4	2.4	2.4
-65°	4.6	3.4	2.8	2.5	2.4	2.4	2.4
-67.5°	4.1	3.2	2.7	2.4	2.4	2.4	2.4
-70°	3.7	3.0	2.6	2.4	2.4	2.4	2.4
-72.5°	3.4	2.8	2.5	2.4	2.4	2.4	2.4
-75°	3.1	2.7	2.4	2.4	2.4	2.4	2.4
-77.5°	2.8	2.5	2.4	2.4	2.4	2.4	2.4
-80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-90°	1.2	1.2	1.2	1.2	1.2	1.8	2.4

(END OF REPORT)