

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: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-2S-CV2-A**

Issue Date: 2/3/2026

Test Information

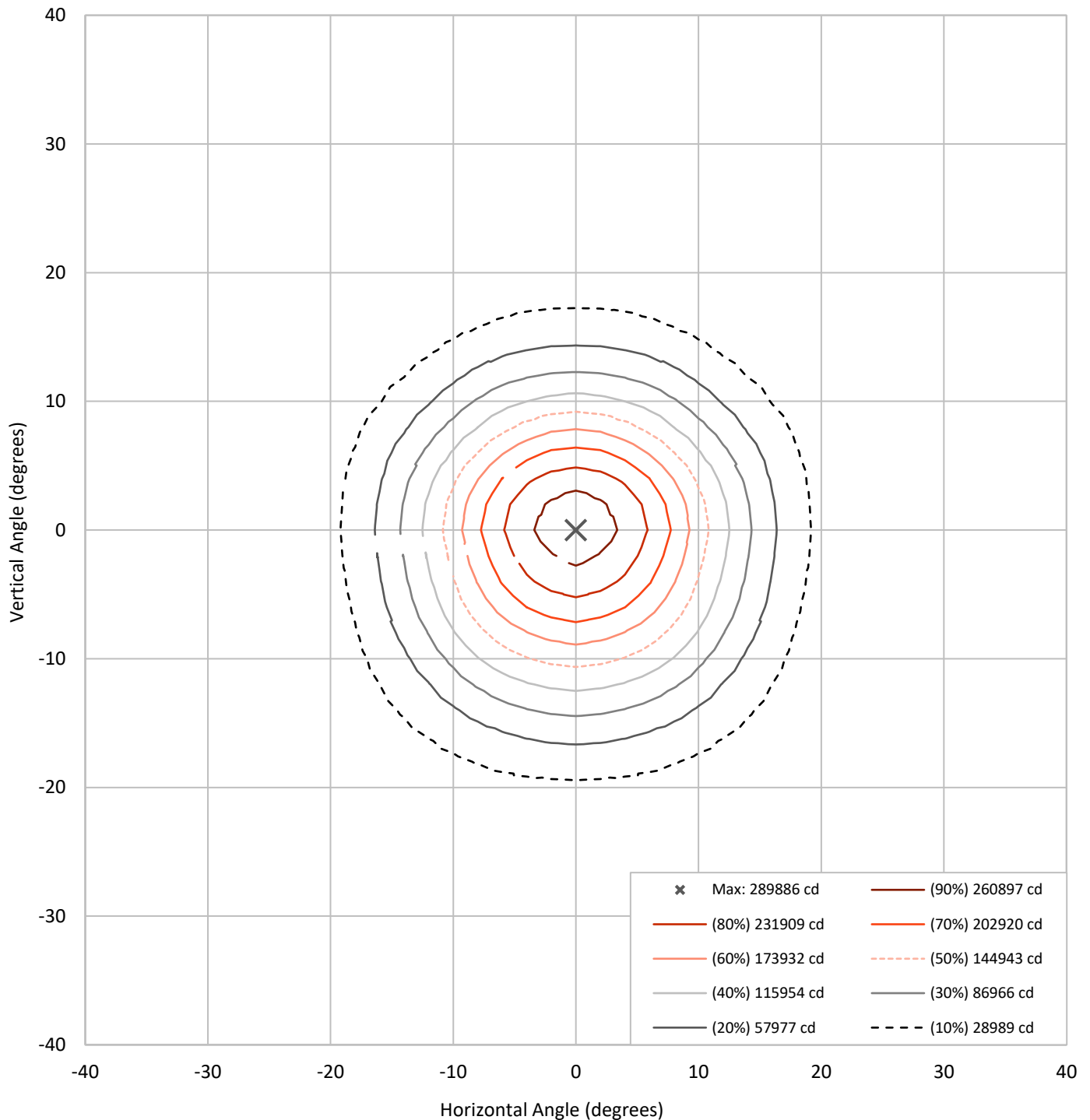
Test Method: LM-79-08
Report Number: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-2S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	44874.9 lumens	Max Intensity:	289886 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	20745.3 lumens	Field Lumens:	38699.7 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	340		
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: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

Iso-Candela Plot





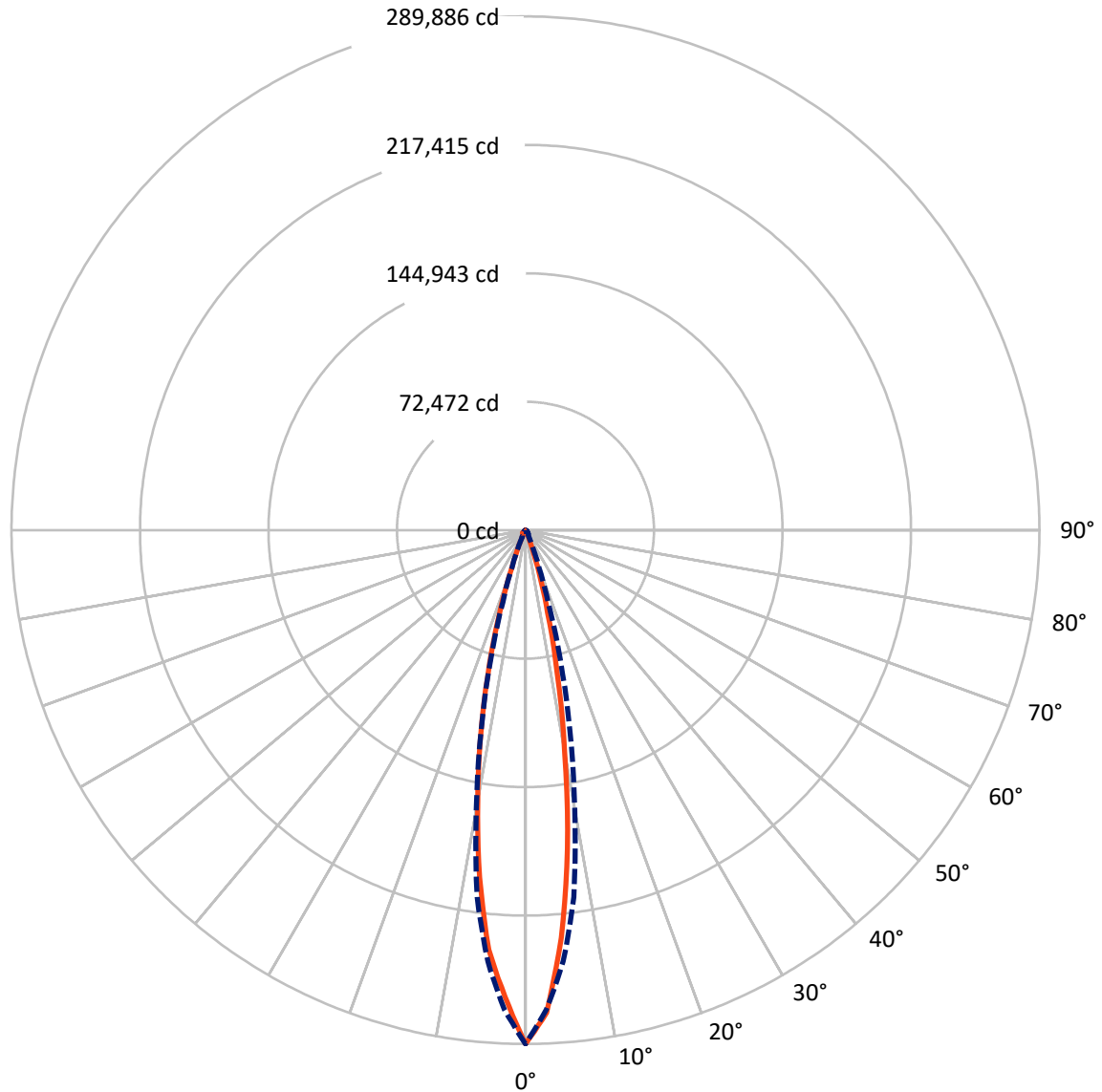
REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

Lumen Table

90	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
70	0.1	0.1	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.3	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.3	0.3	0.1	0.1			
40		0.2	0.6	1.2	2.6	4.2	5.1	5.9	5.9	5.1	4.2	2.6	1.2	0.6	0.2				
30	0.2	0.3	1.8	6.3	16.7	24.5	42.8	94.3	94.3	42.8	24.5	16.7	6.3	1.8	0.3	0.2			
20		0.6	4.2	16.2	38.1	74.6	463.8	1447.1	1447.1	463.8	74.6	38.1	16.2	4.2	0.6				
10	0.2	1.2	7.2	30.0	62.3	200.8	1895.4	5645.6	5645.6	1895.4	200.8	62.3	30.0	7.2	1.2	0.2			
0		1.9	9.4	35.2	69.8	201.5	2008.7	5886.0	5886.0	2008.7	201.5	69.8	35.2	9.4	1.9				
-10	0.4	2.2	9.6	32.5	68.9	115.3	739.6	2134.4	2134.4	739.6	115.3	68.9	32.5	9.6	2.2	0.4			
-20		2.0	8.1	19.4	49.0	72.1	112.6	220.4	220.4	112.6	72.1	49.0	19.4	8.1	2.0				
-30	0.3	1.7	5.9	12.1	27.1	51.9	67.2	73.9	73.9	67.2	51.9	27.1	12.1	5.9	1.7	0.3			
-40		1.2	4.1	9.0	15.3	25.4	44.1	59.5	59.5	44.1	25.4	15.3	9.0	4.1	1.2				
-50	0.2	0.6	2.4	5.8	10.7	15.9	20.4	22.9	22.9	20.4	15.9	10.7	5.8	2.4	0.6	0.2			
-60		0.2	0.9	2.7	5.6	9.2	12.9	15.2	15.2	12.9	9.2	5.6	2.7	0.9	0.2				
-70	0.1	0.7	2.1	5.2	7.6	5.2	2.1	0.7	0.1							0.1			
-80		0.7	2.1	5.2	7.6	5.2	2.1	0.7	0.1										
-90	0.1	0.7	2.1	5.2	7.6	5.2	2.1	0.7	0.1							0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

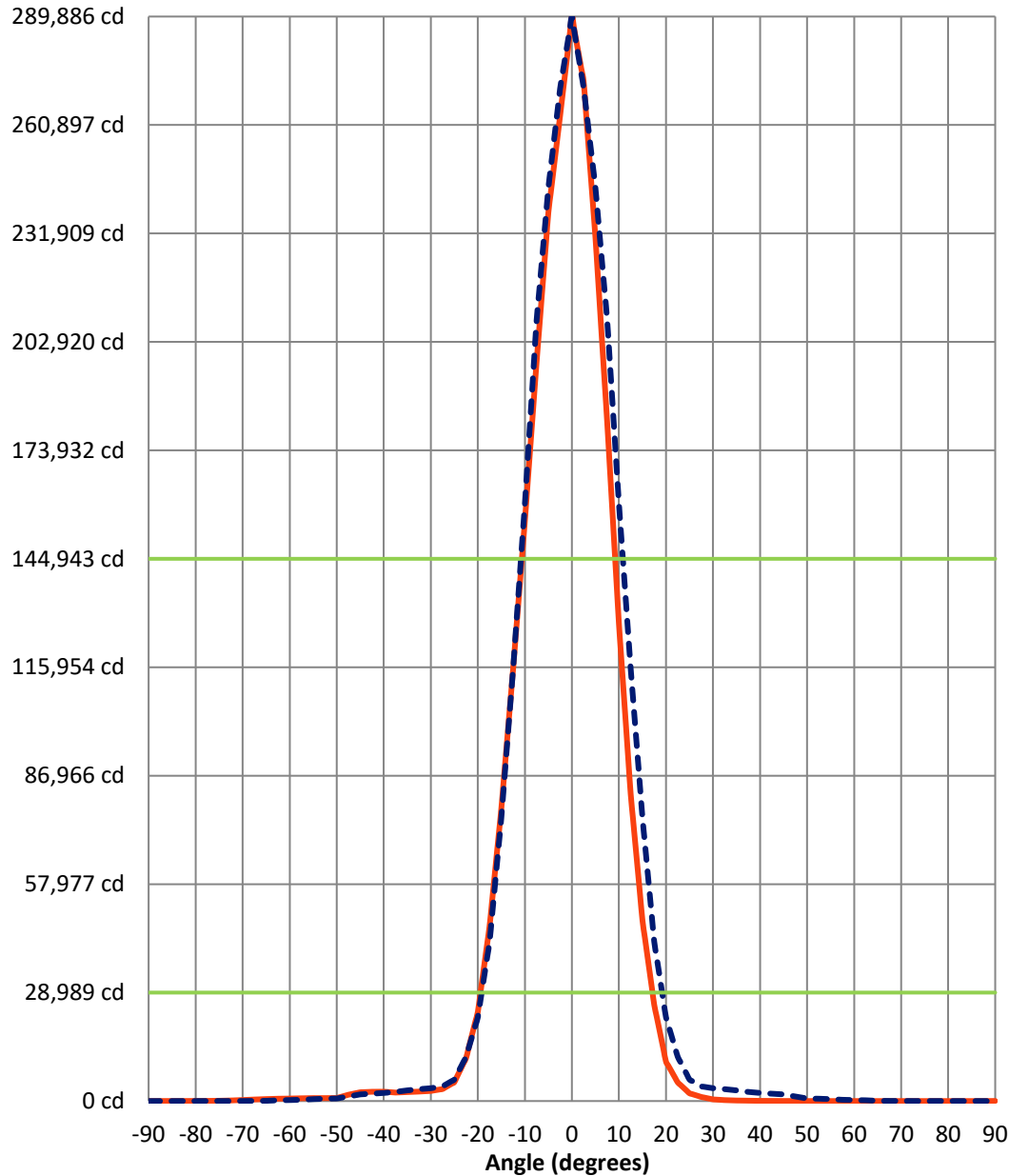
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

Luminous Intensity Plot



Beam:
 H Angle: 21.7°
 V Angle: 19.8°
 Lumens: 20745.3
 Efficiency: 46.2%

Field:
 H Angle: 38.4°
 V Angle: 36.6°
 Lumens: 38699.7
 Efficiency: 86.2%

Spill:
 Lumens: 6175.2
 Efficiency: 13.8%

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



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.7	4.7	4.7	5.0	5.3	5.5	5.8	5.8	5.8	5.8	5.8
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.3	4.1	4.0
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.5
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
75°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.9	4.8
65°	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.7	4.9	5.1	4.9
62.5°	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.9	5.2	5.2	5.0
60°	4.7	4.7	4.7	4.7	4.7	4.9	4.9	5.2	5.5	5.3	5.0
57.5°	4.7	4.7	4.7	4.7	4.8	5.0	5.1	5.5	5.6	5.3	5.1
55°	4.7	4.7	4.7	4.7	4.9	5.1	5.3	5.8	5.6	5.4	5.2
52.5°	4.7	4.7	4.7	4.7	5.0	5.3	5.5	5.8	5.7	5.4	5.2
50°	4.7	4.7	4.8	4.7	5.2	5.4	5.7	5.8	5.7	5.5	6.2
47.5°	4.7	4.7	4.8	4.7	5.3	5.5	5.8	5.8	5.8	5.6	7.0
45°	4.7	4.7	4.8	4.8	5.4	5.6	5.8	5.8	5.8	6.1	7.7
42.5°	4.7	4.7	4.9	4.9	5.6	5.7	5.8	5.8	5.9	6.5	8.6
40°	4.7	4.7	4.9	5.1	5.6	5.7	5.8	5.9	6.1	6.8	9.5
37.5°	4.7	4.7	5.0	5.2	5.7	5.8	5.8	6.1	6.6	7.6	10.2
35°	4.7	4.7	5.0	5.3	5.7	5.8	5.8	6.2	7.2	8.8	10.6
32.5°	4.7	4.7	5.0	5.4	5.8	5.8	5.8	6.4	7.8	10.0	11.6
30°	4.7	4.7	5.1	5.5	5.8	5.8	6.0	6.6	8.4	11.3	12.8
27.5°	4.7	4.7	5.2	5.5	5.8	5.8	6.1	7.1	9.2	12.7	14.2
25°	4.7	4.7	5.2	5.6	5.8	5.8	6.2	7.6	10.3	13.9	15.8
22.5°	4.7	4.7	5.3	5.7	5.8	5.8	6.4	8.2	11.4	15.2	18.9
20°	4.7	4.7	5.3	5.7	5.8	5.9	6.5	8.7	12.5	16.5	21.7
17.5°	4.7	4.7	5.4	5.7	5.8	6.0	6.8	9.2	13.5	17.9	24.4
15°	4.7	4.7	5.5	5.8	5.8	6.1	7.0	9.7	14.5	19.3	26.9
12.5°	4.7	4.7	5.5	5.8	5.8	6.3	7.2	10.2	15.5	20.8	29.2
10°	4.7	4.7	5.6	5.8	5.8	6.4	7.4	10.6	16.5	23.0	32.8
7.5°	4.7	4.7	5.6	5.8	5.8	6.6	7.7	10.9	17.5	25.5	39.5
5°	4.7	4.7	5.7	5.8	5.8	6.7	7.9	11.2	18.4	28.0	46.3
2.5°	4.7	4.7	5.7	5.8	5.8	6.9	8.0	11.5	19.2	30.4	53.2
0°	4.7	4.7	5.8	5.8	5.8	7.0	8.2	11.7	19.9	32.7	59.7
-2.5°	4.7	4.7	5.8	5.9	5.9	7.3	9.1	14.4	25.8	42.7	77.1
-5°	4.7	4.7	5.8	6.0	6.0	7.5	10.0	17.0	31.3	52.3	93.5
-7.5°	4.7	4.8	5.8	6.0	6.1	7.7	10.8	19.4	36.5	61.3	108.5
-10°	4.7	4.8	5.8	6.1	6.2	7.9	11.6	21.6	41.1	69.4	121.7
-12.5°	4.7	4.8	5.8	6.2	6.3	8.1	12.2	23.4	45.0	76.4	129.5
-15°	4.7	4.8	5.7	6.2	6.4	8.2	12.7	24.8	48.6	81.8	134.2
-17.5°	4.7	4.9	5.7	6.3	6.5	8.3	13.1	26.4	51.8	86.3	137.3
-20°	4.7	4.9	5.7	6.3	6.6	8.4	13.5	27.9	54.2	89.8	138.9



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	4.9	5.7	6.3	6.7	8.4	14.0	28.6	55.7	92.1	138.8
-25°	4.7	4.9	5.7	6.3	6.8	8.5	14.2	28.6	56.2	93.2	137.1
-27.5°	4.7	4.9	5.7	6.4	6.9	8.6	14.1	27.7	55.7	93.4	137.7
-30°	4.7	4.9	5.7	6.3	7.0	8.7	13.6	25.9	54.6	92.5	136.9
-32.5°	4.7	4.9	5.6	6.3	7.2	8.7	12.8	25.0	52.5	90.2	134.6
-35°	4.7	5.0	5.6	6.3	7.3	8.6	12.5	24.0	49.1	86.5	130.6
-37.5°	4.7	5.0	5.6	6.2	7.3	8.5	12.4	22.5	44.3	81.3	120.6
-40°	4.7	5.0	5.6	6.1	7.4	8.6	12.1	20.5	38.2	74.7	109.5
-42.5°	4.7	5.0	5.6	6.1	7.3	8.7	11.8	18.0	33.8	64.5	97.4
-45°	4.7	5.0	5.6	6.0	7.2	8.7	11.3	16.0	30.3	53.3	84.5
-47.5°	4.7	5.0	5.6	5.9	7.1	8.6	10.8	15.3	26.0	41.7	71.5
-50°	4.7	5.0	5.6	5.9	7.0	8.4	10.5	14.5	20.6	35.6	57.9
-52.5°	4.7	5.0	5.6	5.9	6.8	8.2	10.2	13.5	18.0	28.9	44.5
-55°	4.7	5.0	5.6	5.9	6.6	8.0	9.8	12.5	16.5	21.7	36.2
-57.5°	4.7	4.9	5.6	5.9	6.4	7.7	9.4	11.9	15.0	18.7	27.4
-60°	4.7	4.9	5.7	5.9	6.2	7.4	8.9	11.1	13.6	16.9	20.4
-62.5°	4.7	4.9	5.6	5.9	6.2	7.1	8.4	10.3	12.6	15.1	18.4
-65°	4.7	4.9	5.5	5.9	6.1	6.8	8.0	9.5	11.7	13.9	16.3
-67.5°	4.7	4.9	5.5	5.8	6.1	6.5	7.5	9.0	10.7	12.8	14.8
-70°	4.7	4.9	5.4	5.8	6.0	6.4	7.0	8.4	10.0	11.6	13.6
-72.5°	4.7	4.9	5.3	5.7	5.9	6.2	6.7	7.8	9.3	10.8	12.4
-75°	4.7	4.8	5.2	5.6	5.8	6.0	6.4	7.4	8.6	10.0	11.5
-77.5°	4.7	4.8	5.2	5.5	5.7	5.9	6.1	7.0	8.1	9.3	10.6
-80°	4.7	4.8	5.1	5.4	5.6	5.8	5.8	6.6	7.6	8.6	9.7
-82.5°	4.7	4.8	5.0	5.3	5.5	5.7	5.8	6.3	7.0	7.8	8.8
-85°	4.7	4.7	4.9	5.2	5.4	5.6	5.8	6.2	6.6	7.2	7.8
-87.5°	4.7	4.7	4.8	5.1	5.3	5.6	5.8	6.0	6.2	6.5	6.8
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	4.1	3.8	3.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.8	5.8	5.8	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9
87.5°	3.9	3.8	3.7	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6
85°	4.3	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6
82.5°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6
80°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.3	3.0	2.9
77.5°	4.5	4.2	3.9	3.6	3.5	3.7	3.9	4.1	4.1	4.0	3.8
75°	4.5	4.2	4.1	4.1	4.3	4.5	4.7	4.7	4.5	4.2	3.9
72.5°	4.6	4.5	4.5	4.7	4.7	4.7	4.7	4.7	5.3	6.0	6.6
70°	4.7	4.7	4.7	4.7	4.7	5.0	6.2	7.8	9.4	10.7	12.3
67.5°	4.7	4.7	4.7	4.8	5.6	7.0	8.8	13.4	18.8	20.5	20.4
65°	4.7	4.7	5.0	5.7	6.9	10.5	15.6	21.8	26.6	25.8	24.2
62.5°	4.7	4.9	5.5	7.2	10.4	15.2	20.1	24.6	29.1	28.4	24.7
60°	4.8	5.0	6.9	10.2	13.8	17.5	22.2	25.2	28.1	29.0	22.9
57.5°	4.8	6.1	9.3	12.8	16.0	18.8	20.5	23.1	24.8	25.1	18.8
55°	5.5	8.0	11.4	14.8	17.1	16.4	17.7	19.3	20.0	18.4	13.3
52.5°	7.0	9.7	13.2	16.0	16.3	15.1	14.8	15.5	14.3	12.2	10.6
50°	8.3	11.4	14.7	16.3	16.0	14.4	12.2	11.9	11.5	10.7	9.7
47.5°	9.6	12.9	15.8	16.9	15.7	14.3	11.8	11.5	11.6	12.2	11.5
45°	10.8	13.8	16.8	17.0	16.2	15.0	14.0	12.8	15.1	15.8	15.7
42.5°	11.9	14.4	17.1	17.4	17.8	17.6	17.3	18.5	19.9	21.1	21.5
40°	12.3	14.9	18.0	20.3	20.4	21.3	23.7	25.9	26.0	27.6	28.5
37.5°	12.5	16.3	20.6	25.8	24.3	27.1	31.2	37.2	38.1	34.6	39.5
35°	12.5	18.3	27.6	33.6	32.7	34.8	44.3	53.2	57.3	51.5	59.4
32.5°	13.7	21.0	36.5	42.9	48.8	51.0	60.3	78.0	87.9	91.6	98.2
30°	16.6	29.2	46.7	53.6	70.3	81.4	89.1	110.3	128.4	183.2	223.9
27.5°	20.3	39.2	56.9	72.8	97.3	116.4	133.1	154.9	221.3	321.2	425.0
25°	23.8	52.7	68.1	97.6	131.0	156.8	179.6	210.4	349.6	554.4	641.8
22.5°	31.0	68.2	85.9	125.6	167.7	198.2	231.4	314.7	502.7	810.4	846.4
20°	42.8	83.1	110.1	156.9	208.3	239.7	283.8	424.2	676.1	911.1	1008.6
17.5°	55.4	99.4	136.8	194.0	256.2	291.8	343.3	529.6	825.4	1034.7	1165.4
15°	68.6	116.8	162.4	234.5	306.9	356.1	462.4	674.5	943.4	1179.4	1370.0
12.5°	82.0	134.8	186.8	277.5	360.0	419.5	606.8	895.4	1141.0	1362.1	1620.9
10°	95.1	153.1	210.0	321.8	414.5	481.8	765.8	1119.8	1361.0	1577.2	1842.6
7.5°	121.6	177.7	234.3	365.9	469.3	542.5	932.1	1342.9	1562.8	1765.8	2026.1
5°	150.5	208.0	271.9	418.4	524.2	598.4	1083.5	1558.6	1748.9	1931.9	2186.2
2.5°	178.6	236.9	308.1	468.7	576.8	646.9	1161.0	1677.1	1867.2	2059.3	2324.4
0°	204.7	264.3	342.7	514.6	625.7	692.4	1217.6	1776.7	1966.1	2166.1	2445.7
-2.5°	226.4	292.2	379.1	536.4	639.3	704.0	1199.0	1775.7	2003.0	2225.2	2514.4
-5°	244.5	318.4	412.8	554.4	650.2	713.5	1162.2	1747.7	2033.4	2272.4	2566.3
-7.5°	258.8	342.4	443.0	568.5	656.9	718.3	1146.0	1759.4	2087.8	2313.9	2600.2
-10°	266.5	352.0	445.2	567.9	658.2	719.4	1110.2	1735.3	2133.0	2350.9	2614.5
-12.5°	256.2	348.0	439.4	562.0	658.5	719.0	1041.3	1671.5	2169.9	2386.1	2601.5
-15°	244.7	342.0	430.0	550.5	658.6	717.3	936.1	1565.4	2148.9	2323.1	2546.9
-17.5°	232.6	333.9	416.8	533.0	658.9	714.4	786.5	1337.7	1939.3	2189.9	2459.0
-20°	220.6	323.8	399.6	509.3	655.4	695.2	728.7	1106.5	1633.6	2020.6	2292.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	209.1	311.7	382.1	486.6	604.6	662.3	694.1	882.6	1318.9	1814.7	2043.7
-25°	202.9	293.8	366.9	451.8	551.6	627.9	655.3	694.4	1040.9	1489.4	1816.6
-27.5°	199.7	278.2	346.5	417.3	502.5	586.7	616.3	650.3	826.7	1170.9	1578.2
-30°	194.5	258.2	325.1	385.7	461.8	533.9	577.1	616.0	664.0	922.5	1244.6
-32.5°	182.8	237.5	301.8	360.9	424.1	487.8	548.7	591.1	630.2	700.3	955.1
-35°	169.1	220.0	277.5	335.1	388.5	450.7	514.0	569.6	601.2	633.8	746.1
-37.5°	157.7	201.5	252.8	308.4	359.8	416.2	477.6	536.3	580.0	609.8	652.4
-40°	145.4	181.9	230.4	281.1	331.4	382.3	438.8	495.9	550.4	595.9	630.3
-42.5°	132.2	167.4	208.1	253.5	301.6	349.6	398.9	453.2	510.5	569.9	614.4
-45°	117.8	152.0	185.9	228.4	271.1	315.6	361.4	409.5	467.5	524.4	580.8
-47.5°	102.2	135.4	168.2	202.9	242.3	282.0	323.0	371.8	422.9	476.7	529.6
-50°	86.1	117.1	150.0	181.6	215.1	250.2	286.7	334.9	383.6	430.1	477.6
-52.5°	70.6	97.6	129.1	161.1	190.7	221.7	256.7	298.9	344.4	389.4	431.8
-55°	54.5	79.5	106.6	137.4	167.9	195.6	228.6	266.1	304.5	347.2	388.2
-57.5°	42.0	61.2	84.9	111.3	140.8	171.2	202.6	234.2	269.2	305.4	340.8
-60°	31.3	45.3	63.4	86.2	110.7	140.4	174.7	206.0	235.8	265.3	297.6
-62.5°	21.7	32.6	45.5	61.3	82.6	107.0	136.4	168.9	203.5	229.7	255.6
-65°	19.4	22.4	31.3	43.0	54.9	75.1	98.5	124.1	153.4	180.2	208.2
-67.5°	17.0	19.7	22.5	27.1	37.7	48.9	60.8	81.6	103.9	123.1	143.0
-70°	15.4	17.0	19.3	21.9	24.5	29.1	38.9	49.3	59.6	70.8	86.8
-72.5°	13.9	15.4	16.9	18.3	20.5	22.8	25.0	27.1	33.1	41.2	48.6
-75°	12.6	13.8	15.1	16.4	17.6	18.9	20.5	22.4	24.2	26.1	28.2
-77.5°	11.3	12.2	13.2	14.4	15.3	16.1	17.1	18.2	19.4	20.5	21.6
-80°	10.1	10.5	11.1	11.8	12.7	13.4	14.0	14.6	15.2	16.1	17.0
-82.5°	9.1	9.3	9.6	9.9	10.3	10.9	11.5	12.1	12.5	12.9	13.4
-85°	8.0	8.2	8.4	8.5	8.8	9.0	9.3	9.6	9.9	10.1	10.3
-87.5°	6.9	7.0	7.1	7.2	7.4	7.6	7.7	7.8	8.0	8.1	8.1
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.2	8.2	8.2	8.2	8.2	9.9	11.7	13.4	15.2	17.8	20.4
87.5°	2.3	2.3	2.2	2.2	2.2	2.0	1.7	1.5	1.2	0.9	0.6
85°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2
82.5°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2
80°	2.7	2.6	2.6	2.5	2.3	2.1	1.8	1.5	1.2	1.2	1.2
77.5°	3.6	3.3	3.0	2.7	2.4	2.2	2.1	2.1	2.1	2.0	1.7
75°	3.6	3.5	3.6	3.4	3.0	2.8	2.7	2.6	2.3	2.3	2.3
72.5°	7.1	7.1	6.6	6.2	5.6	5.3	5.1	4.8	4.3	4.1	4.0
70°	12.9	12.6	12.1	11.1	9.5	8.2	7.4	6.6	5.8	5.5	5.6
67.5°	18.6	16.7	15.2	13.4	11.1	9.4	8.4	7.4	6.3	5.8	5.8
65°	21.6	17.6	15.0	13.0	11.5	9.9	8.3	7.0	5.7	5.1	5.2
62.5°	20.5	15.3	12.1	10.2	8.9	8.0	6.8	5.8	5.1	4.7	4.8
60°	17.0	11.4	8.6	7.6	6.7	5.9	5.5	5.0	4.4	3.9	4.1
57.5°	13.2	9.1	6.9	6.6	6.3	5.9	5.4	4.9	4.6	4.3	4.5
55°	9.9	8.1	7.0	7.1	6.9	6.4	5.7	5.7	5.6	5.4	5.5
52.5°	8.6	8.6	8.9	8.8	8.0	7.3	6.9	6.9	7.0	7.2	7.6
50°	9.8	10.1	10.0	9.2	9.0	8.7	8.2	8.7	9.4	9.6	9.8
47.5°	11.7	11.9	12.0	11.3	11.4	12.3	12.5	12.8	14.1	15.1	16.0
45°	15.0	16.3	16.6	17.1	17.4	19.2	20.1	20.6	24.2	25.9	26.1
42.5°	21.7	23.6	25.2	27.7	27.4	31.8	37.5	40.5	40.2	39.1	39.0
40°	31.6	35.1	42.8	46.9	51.5	56.6	57.1	50.8	50.9	57.2	56.8
37.5°	48.8	60.8	71.7	81.3	83.7	80.8	81.9	86.6	92.3	92.8	95.6
35°	82.2	106.5	112.1	119.6	127.7	120.0	119.0	126.7	124.1	137.2	146.7
32.5°	142.2	176.6	187.1	196.1	218.8	205.6	169.3	222.2	210.3	225.1	247.5
30°	226.2	294.0	339.5	353.1	358.8	360.4	394.5	424.8	448.8	480.8	526.1
27.5°	428.5	473.4	549.1	591.5	538.1	560.2	647.8	663.7	754.0	852.2	932.7
25°	651.7	702.0	836.7	853.6	809.0	891.0	975.8	993.4	1152.6	1268.2	1545.0
22.5°	853.4	937.8	1081.9	1122.8	1160.0	1257.5	1356.0	1473.4	1832.2	2277.2	3084.5
20°	1024.1	1118.3	1259.1	1372.9	1465.8	1590.2	1704.9	2105.9	2878.8	4569.1	6407.6
17.5°	1230.8	1289.1	1463.3	1615.4	1760.9	1939.2	2446.3	3459.2	5696.4	9379.4	12870.0
15°	1509.2	1625.3	1733.3	1897.9	2169.8	2688.2	3807.2	7106.5	11787.0	18211.0	26168.0
12.5°	1830.3	1990.3	2140.2	2279.8	2669.8	3892.5	7463.0	13184.4	21052.4	31371.9	46988.1
10°	2117.1	2361.5	2545.5	2789.1	3544.4	5922.2	11434.1	19522.6	33348.1	51581.8	71961.0
7.5°	2316.1	2606.6	2854.7	3216.9	4448.6	8476.7	16107.1	28703.3	48355.8	72924.6	100415.6
5°	2505.5	2833.1	3076.6	3522.2	5046.5	10251.2	19649.1	36355.7	63045.1	95509.1	130804.7
2.5°	2684.5	3033.1	3272.5	3795.7	5423.9	11060.0	21132.7	41113.0	72546.7	111000.4	152919.4
0°	2850.4	3180.2	3430.5	3924.1	5742.9	11836.6	22394.8	42646.9	75756.7	115561.4	159651.6
-2.5°	2819.4	3064.6	3341.8	3836.5	5439.5	11003.9	20924.0	40845.2	71988.0	110116.7	150672.2
-5°	2808.6	3007.4	3257.6	3706.1	5064.7	9508.2	18583.7	36777.4	65813.1	100174.7	137948.5
-7.5°	2816.9	2974.8	3170.4	3541.3	4612.1	8039.0	16157.7	31881.5	55864.2	84957.2	119068.4
-10°	2834.5	2956.7	3155.0	3481.3	4230.8	6425.4	12228.0	24563.3	43923.5	67063.3	93643.0
-12.5°	2865.1	3029.7	3228.7	3450.4	3847.6	5117.9	9617.0	19067.8	32475.7	48732.4	68957.2
-15°	2854.6	3066.8	3291.5	3428.5	3644.8	4351.8	6237.9	12590.2	22470.4	33252.2	45492.0
-17.5°	2777.8	3031.7	3130.5	3236.7	3368.3	3716.6	4769.4	7593.3	13219.5	20303.7	27190.0
-20°	2599.3	2727.8	2851.3	2978.1	3123.8	3316.0	3643.5	4743.5	6391.0	10410.9	13771.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2264.2	2387.9	2494.9	2700.6	2847.6	2988.9	3169.2	3407.3	4040.9	5036.3	6690.5
-25°	1976.8	2053.0	2203.6	2443.7	2601.8	2686.3	2799.5	2889.7	3106.9	3338.1	3909.5
-27.5°	1747.1	1861.3	2047.0	2257.2	2408.7	2476.7	2536.2	2589.3	2725.7	2820.2	2982.5
-30°	1565.4	1750.3	1924.2	2116.7	2256.0	2336.8	2362.1	2438.7	2527.7	2595.2	2660.9
-32.5°	1304.6	1630.0	1788.2	1947.6	2105.0	2204.5	2272.7	2333.1	2416.5	2468.3	2494.2
-35°	1023.9	1357.0	1668.5	1775.4	1889.8	2032.8	2149.2	2210.6	2265.5	2315.4	2347.0
-37.5°	772.7	1045.6	1335.6	1596.3	1718.8	1825.8	1995.1	2097.5	2147.3	2221.8	2264.2
-40°	670.1	747.5	995.0	1239.2	1458.9	1702.6	1867.2	2025.2	2181.4	2277.1	2339.3
-42.5°	647.1	678.7	708.1	879.3	1099.0	1319.8	1562.5	1830.5	2054.6	2223.4	2380.2
-45°	628.6	652.6	676.3	703.1	728.8	897.7	1087.5	1287.2	1545.1	1794.7	2010.3
-47.5°	580.7	626.2	652.8	673.0	694.0	717.4	738.9	784.2	957.6	1142.0	1317.1
-50°	526.2	571.4	611.8	649.2	676.2	694.4	707.9	725.7	746.3	764.7	781.6
-52.5°	472.6	516.4	557.5	598.1	636.2	671.3	703.7	724.2	739.9	753.7	762.2
-55°	427.6	465.3	502.1	542.3	581.5	618.8	654.0	685.7	715.4	743.2	759.2
-57.5°	378.2	415.4	452.2	489.4	525.1	559.4	593.4	626.5	658.0	686.6	704.0
-60°	329.4	360.7	397.3	435.4	471.1	504.2	538.1	570.2	599.9	625.2	640.7
-62.5°	283.7	312.8	343.2	377.1	413.8	449.5	479.6	510.0	540.4	566.5	584.3
-65°	235.1	259.5	284.2	310.7	338.8	368.1	398.2	427.8	456.7	480.3	497.2
-67.5°	166.4	190.6	214.2	237.8	259.3	280.9	304.0	327.3	350.4	369.4	384.4
-70°	102.5	117.7	132.0	147.3	165.3	184.1	203.3	221.3	237.9	250.2	259.3
-72.5°	55.3	61.4	68.8	80.2	90.9	102.1	113.8	124.9	135.4	143.1	149.0
-75°	30.3	33.1	37.8	42.3	46.5	51.5	56.6	61.3	65.8	70.2	74.2
-77.5°	22.9	24.3	25.6	26.7	27.7	29.4	31.4	33.4	35.4	38.1	40.8
-80°	17.9	18.6	19.3	20.0	20.7	21.9	23.2	24.5	25.7	27.0	28.1
-82.5°	13.8	14.2	14.5	14.8	15.1	15.9	16.7	17.4	18.2	19.5	20.8
-85°	10.4	10.7	10.9	11.1	11.3	11.9	12.5	13.1	13.7	14.7	15.6
-87.5°	8.2	8.5	8.7	9.0	9.3	9.7	10.1	10.4	10.7	11.5	12.4
-90°	2.3	2.0	1.8	1.5	1.2	1.2	1.2	1.2	1.2	0.9	0.6



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	23.1	25.7	27.4	29.2	27.4	25.7	23.1	20.4	17.8	15.2	13.4
87.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.5
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.1	2.1
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°	3.7	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.1	4.3	4.8
70°	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.8	6.6
67.5°	5.8	5.8	5.3	4.7	5.3	5.8	5.8	5.8	5.8	6.3	7.4
65°	5.5	5.7	5.3	4.7	5.3	5.7	5.5	5.2	5.1	5.7	7.0
62.5°	4.8	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.7	5.1	5.8
60°	4.3	4.6	4.7	4.7	4.7	4.6	4.3	4.1	3.9	4.4	5.0
57.5°	4.6	4.7	5.1	5.8	5.1	4.7	4.6	4.5	4.3	4.6	4.9
55°	5.6	5.7	5.8	5.8	5.8	5.7	5.6	5.5	5.4	5.6	5.7
52.5°	7.8	8.0	8.2	8.2	8.2	8.0	7.8	7.6	7.2	7.0	6.9
50°	10.1	10.3	10.1	9.4	10.1	10.3	10.1	9.8	9.6	9.4	8.7
47.5°	16.8	17.1	17.0	16.4	17.0	17.1	16.8	16.0	15.1	14.1	12.8
45°	26.8	26.8	26.7	26.9	26.7	26.8	26.8	26.1	25.9	24.2	20.6
42.5°	40.0	40.4	40.6	40.9	40.6	40.4	40.0	39.0	39.1	40.2	40.5
40°	57.9	58.2	57.5	56.1	57.5	58.2	57.9	56.8	57.2	50.9	50.8
37.5°	100.5	102.8	102.2	100.6	102.2	102.8	100.5	95.6	92.8	92.3	86.6
35°	150.1	148.7	144.7	145.0	144.7	148.7	150.1	146.7	137.2	124.1	126.7
32.5°	234.4	242.8	245.4	246.8	245.4	242.8	234.4	247.5	225.1	210.3	222.2
30°	558.0	541.1	466.3	443.3	466.3	541.1	558.0	526.1	480.8	448.8	424.8
27.5°	991.3	1044.7	1093.6	1098.3	1093.6	1044.7	991.3	932.7	852.2	754.0	663.7
25°	1830.7	2010.6	2086.3	2076.1	2086.3	2010.6	1830.7	1545.0	1268.2	1152.6	993.4
22.5°	4039.1	4652.9	4972.8	4983.8	4972.8	4652.9	4039.1	3084.5	2277.2	1832.2	1473.4
20°	8813.3	10294.6	10668.7	10557.0	10668.7	10294.6	8813.3	6407.6	4569.1	2878.8	2105.9
17.5°	18172.2	22554.1	25545.7	25751.7	25545.7	22554.1	18172.2	12870.0	9379.4	5696.4	3459.2
15°	35368.6	43423.5	47600.6	48310.2	47600.6	43423.5	35368.6	26168.0	18211.0	11787.0	7106.5
12.5°	61786.2	74046.4	80867.9	82035.3	80867.9	74046.4	61786.2	46988.1	31371.9	21052.4	13184.4
10°	94243.5	111343.4	122462.2	127481.1	122462.2	111343.4	94243.5	71961.0	51581.8	33348.1	19522.6
7.5°	127547.1	154486.9	176487.5	181475.7	176487.5	154486.9	127547.1	100415.6	72924.6	48355.8	28703.3
5°	168748.3	204870.2	225997.9	230877.2	225997.9	204870.2	168748.3	130804.7	95509.1	63045.1	36355.7
2.5°	199301.2	238138.5	260282.6	272451.6	260282.6	238138.5	199301.2	152919.4	111000.4	72546.7	41113.0
0°	208782.9	244122.0	270743.9	289886.0	270743.9	244122.0	208782.9	159651.6	115561.4	75756.7	42646.9
-2.5°	195949.2	233419.8	252736.8	263498.6	252736.8	233419.8	195949.2	150672.2	110116.7	71988.0	40845.2
-5°	175532.2	209976.0	231042.6	237537.0	231042.6	209976.0	175532.2	137948.5	100174.7	65813.1	36777.4
-7.5°	148783.1	173936.5	189713.3	197668.5	189713.3	173936.5	148783.1	119068.4	84957.2	55864.2	31881.5
-10°	119829.6	138919.8	150687.7	155088.9	150687.7	138919.8	119829.6	93643.0	67063.3	43923.5	24563.3
-12.5°	87767.6	102972.6	112013.3	115501.2	112013.3	102972.6	87767.6	68957.2	48732.4	32475.7	19067.8
-15°	57930.7	68891.2	75845.3	78273.7	75845.3	68891.2	57930.7	45492.0	33252.2	22470.4	12590.2
-17.5°	35111.7	41161.9	45663.6	46799.1	45663.6	41161.9	35111.7	27190.0	20303.7	13219.5	7593.3
-20°	18580.5	21303.1	22823.6	23852.2	22823.6	21303.1	18580.5	13771.5	10410.9	6391.0	4743.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8808.6	10291.3	10974.6	11496.3	10974.6	10291.3	8808.6	6690.5	5036.3	4040.9	3407.3
-25°	4408.4	4715.1	4848.6	5035.2	4848.6	4715.1	4408.4	3909.5	3338.1	3106.9	2889.7
-27.5°	3092.1	3164.1	3192.4	3215.3	3192.4	3164.1	3092.1	2982.5	2820.2	2725.7	2589.3
-30°	2694.6	2706.4	2704.7	2703.0	2704.7	2706.4	2694.6	2660.9	2595.2	2527.7	2438.7
-32.5°	2522.2	2534.8	2533.9	2532.2	2533.9	2534.8	2522.2	2494.2	2468.3	2416.5	2333.1
-35°	2367.2	2383.6	2391.7	2395.4	2391.7	2383.6	2367.2	2347.0	2315.4	2265.5	2210.6
-37.5°	2287.8	2291.3	2282.0	2271.4	2282.0	2291.3	2287.8	2264.2	2221.8	2147.3	2097.5
-40°	2369.8	2425.4	2481.2	2498.3	2481.2	2425.4	2369.8	2339.3	2277.1	2181.4	2025.2
-42.5°	2431.8	2467.5	2483.6	2478.4	2483.6	2467.5	2431.8	2380.2	2223.4	2054.6	1830.5
-45°	2152.8	2263.5	2329.1	2345.1	2329.1	2263.5	2152.8	2010.3	1794.7	1545.1	1287.2
-47.5°	1464.0	1588.0	1666.1	1691.3	1666.1	1588.0	1464.0	1317.1	1142.0	957.6	784.2
-50°	798.0	813.6	818.8	814.1	818.8	813.6	798.0	781.6	764.7	746.3	725.7
-52.5°	770.7	779.9	785.9	789.5	785.9	779.9	770.7	762.2	753.7	739.9	724.2
-55°	772.8	784.7	791.3	794.2	791.3	784.7	772.8	759.2	743.2	715.4	685.7
-57.5°	719.4	732.8	739.2	741.5	739.2	732.8	719.4	704.0	686.6	658.0	626.5
-60°	654.8	667.4	672.4	673.7	672.4	667.4	654.8	640.7	625.2	599.9	570.2
-62.5°	600.8	615.8	622.2	624.6	622.2	615.8	600.8	584.3	566.5	540.4	510.0
-65°	512.2	525.0	529.3	529.8	529.3	525.0	512.2	497.2	480.3	456.7	427.8
-67.5°	397.8	409.3	413.4	414.0	413.4	409.3	397.8	384.4	369.4	350.4	327.3
-70°	266.6	272.2	274.6	274.9	274.6	272.2	266.6	259.3	250.2	237.9	221.3
-72.5°	153.5	156.9	158.0	157.9	158.0	156.9	153.5	149.0	143.1	135.4	124.9
-75°	77.8	80.9	81.7	81.9	81.7	80.9	77.8	74.2	70.2	65.8	61.3
-77.5°	43.6	46.4	46.7	46.8	46.7	46.4	43.6	40.8	38.1	35.4	33.4
-80°	29.2	30.3	30.4	30.4	30.4	30.3	29.2	28.1	27.0	25.7	24.5
-82.5°	22.1	23.3	23.4	23.4	23.4	23.3	22.1	20.8	19.5	18.2	17.4
-85°	16.6	17.5	18.1	18.7	18.1	17.5	16.6	15.6	14.7	13.7	13.1
-87.5°	13.2	14.0	14.6	15.2	14.6	14.0	13.2	12.4	11.5	10.7	10.4
-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: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.7	9.9	8.2	8.2	8.2	8.2	8.2	7.9	7.6	7.3	7.0
87.5°	1.7	2.0	2.2	2.2	2.2	2.3	2.3	2.6	2.9	3.2	3.5
85°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5
82.5°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5
80°	1.8	2.1	2.3	2.5	2.6	2.6	2.7	2.9	3.0	3.3	3.5
77.5°	2.1	2.2	2.4	2.7	3.0	3.3	3.6	3.8	4.0	4.1	4.1
75°	2.7	2.8	3.0	3.4	3.6	3.5	3.6	3.9	4.2	4.5	4.7
72.5°	5.1	5.3	5.6	6.2	6.6	7.1	7.1	6.6	6.0	5.3	4.7
70°	7.4	8.2	9.5	11.1	12.1	12.6	12.9	12.3	10.7	9.4	7.8
67.5°	8.4	9.4	11.1	13.4	15.2	16.7	18.6	20.4	20.5	18.8	13.4
65°	8.3	9.9	11.5	13.0	15.0	17.6	21.6	24.2	25.8	26.6	21.8
62.5°	6.8	8.0	8.9	10.2	12.1	15.3	20.5	24.7	28.4	29.1	24.6
60°	5.5	5.9	6.7	7.6	8.6	11.4	17.0	22.9	29.0	28.1	25.2
57.5°	5.4	5.9	6.3	6.6	6.9	9.1	13.2	18.8	25.1	24.8	23.1
55°	5.7	6.4	6.9	7.1	7.0	8.1	9.9	13.3	18.4	20.0	19.3
52.5°	6.9	7.3	8.0	8.8	8.9	8.6	8.6	10.6	12.2	14.3	15.5
50°	8.2	8.7	9.0	9.2	10.0	10.1	9.8	9.7	10.7	11.5	11.9
47.5°	12.5	12.3	11.4	11.3	12.0	11.9	11.7	11.5	12.2	11.6	11.5
45°	20.1	19.2	17.4	17.1	16.6	16.3	15.0	15.7	15.8	15.1	12.8
42.5°	37.5	31.8	27.4	27.7	25.2	23.6	21.7	21.5	21.1	19.9	18.5
40°	57.1	56.6	51.5	46.9	42.8	35.1	31.6	28.5	27.6	26.0	25.9
37.5°	81.9	80.8	83.7	81.3	71.7	60.8	48.8	39.5	34.6	38.1	37.2
35°	119.0	120.0	127.7	119.6	112.1	106.5	82.2	59.4	51.5	57.3	53.2
32.5°	169.3	205.6	218.8	196.1	187.1	176.6	142.2	98.2	91.6	87.9	78.0
30°	394.5	360.4	358.8	353.1	339.5	294.0	226.2	223.9	183.2	128.4	110.3
27.5°	647.8	560.2	538.1	591.5	549.1	473.4	428.5	425.0	321.2	221.3	154.9
25°	975.8	891.0	809.0	853.6	836.7	702.0	651.7	641.8	554.4	349.6	210.4
22.5°	1356.0	1257.5	1160.0	1122.8	1081.9	937.8	853.4	846.4	810.4	502.7	314.7
20°	1704.9	1590.2	1465.8	1372.9	1259.1	1118.3	1024.1	1008.6	911.1	676.1	424.2
17.5°	2446.3	1939.2	1760.9	1615.4	1463.3	1289.1	1230.8	1165.4	1034.7	825.4	529.6
15°	3807.2	2688.2	2169.8	1897.9	1733.3	1625.3	1509.2	1370.0	1179.4	943.4	674.5
12.5°	7463.0	3892.5	2669.8	2279.8	2140.2	1990.3	1830.3	1620.9	1362.1	1141.0	895.4
10°	11434.1	5922.2	3544.4	2789.1	2545.5	2361.5	2117.1	1842.6	1577.2	1361.0	1119.8
7.5°	16107.1	8476.7	4448.6	3216.9	2854.7	2606.6	2316.1	2026.1	1765.8	1562.8	1342.9
5°	19649.1	10251.2	5046.5	3522.2	3076.6	2833.1	2505.5	2186.2	1931.9	1748.9	1558.6
2.5°	21132.7	11060.0	5423.9	3795.7	3272.5	3033.1	2684.5	2324.4	2059.3	1867.2	1677.1
0°	22394.8	11836.6	5742.9	3924.1	3430.5	3180.2	2850.4	2445.7	2166.1	1966.1	1776.7
-2.5°	20924.0	11003.9	5439.5	3836.5	3341.8	3064.6	2819.4	2514.4	2225.2	2003.0	1775.7
-5°	18583.7	9508.2	5064.7	3706.1	3257.6	3007.4	2808.6	2566.3	2272.4	2033.4	1747.7
-7.5°	16157.7	8039.0	4612.1	3541.3	3170.4	2974.8	2816.9	2600.2	2313.9	2087.8	1759.4
-10°	12228.0	6425.4	4230.8	3481.3	3155.0	2956.7	2834.5	2614.5	2350.9	2133.0	1735.3
-12.5°	9617.0	5117.9	3847.6	3450.4	3228.7	3029.7	2865.1	2601.5	2386.1	2169.9	1671.5
-15°	6237.9	4351.8	3644.8	3428.5	3291.5	3066.8	2854.6	2546.9	2323.1	2148.9	1565.4
-17.5°	4769.4	3716.6	3368.3	3236.7	3130.5	3031.7	2777.8	2459.0	2189.9	1939.3	1337.7
-20°	3643.5	3316.0	3123.8	2978.1	2851.3	2727.8	2599.3	2292.5	2020.6	1633.6	1106.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3169.2	2988.9	2847.6	2700.6	2494.9	2387.9	2264.2	2043.7	1814.7	1318.9	882.6
-25°	2799.5	2686.3	2601.8	2443.7	2203.6	2053.0	1976.8	1816.6	1489.4	1040.9	694.4
-27.5°	2536.2	2476.7	2408.7	2257.2	2047.0	1861.3	1747.1	1578.2	1170.9	826.7	650.3
-30°	2362.1	2336.8	2256.0	2116.7	1924.2	1750.3	1565.4	1244.6	922.5	664.0	616.0
-32.5°	2272.7	2204.5	2105.0	1947.6	1788.2	1630.0	1304.6	955.1	700.3	630.2	591.1
-35°	2149.2	2032.8	1889.8	1775.4	1668.5	1357.0	1023.9	746.1	633.8	601.2	569.6
-37.5°	1995.1	1825.8	1718.8	1596.3	1335.6	1045.6	772.7	652.4	609.8	580.0	536.3
-40°	1867.2	1702.6	1458.9	1239.2	995.0	747.5	670.1	630.3	595.9	550.4	495.9
-42.5°	1562.5	1319.8	1099.0	879.3	708.1	678.7	647.1	614.4	569.9	510.5	453.2
-45°	1087.5	897.7	728.8	703.1	676.3	652.6	628.6	580.8	524.4	467.5	409.5
-47.5°	738.9	717.4	694.0	673.0	652.8	626.2	580.7	529.6	476.7	422.9	371.8
-50°	707.9	694.4	676.2	649.2	611.8	571.4	526.2	477.6	430.1	383.6	334.9
-52.5°	703.7	671.3	636.2	598.1	557.5	516.4	472.6	431.8	389.4	344.4	298.9
-55°	654.0	618.8	581.5	542.3	502.1	465.3	427.6	388.2	347.2	304.5	266.1
-57.5°	593.4	559.4	525.1	489.4	452.2	415.4	378.2	340.8	305.4	269.2	234.2
-60°	538.1	504.2	471.1	435.4	397.3	360.7	329.4	297.6	265.3	235.8	206.0
-62.5°	479.6	449.5	413.8	377.1	343.2	312.8	283.7	255.6	229.7	203.5	168.9
-65°	398.2	368.1	338.8	310.7	284.2	259.5	235.1	208.2	180.2	153.4	124.1
-67.5°	304.0	280.9	259.3	237.8	214.2	190.6	166.4	143.0	123.1	103.9	81.6
-70°	203.3	184.1	165.3	147.3	132.0	117.7	102.5	86.8	70.8	59.6	49.3
-72.5°	113.8	102.1	90.9	80.2	68.8	61.4	55.3	48.6	41.2	33.1	27.1
-75°	56.6	51.5	46.5	42.3	37.8	33.1	30.3	28.2	26.1	24.2	22.4
-77.5°	31.4	29.4	27.7	26.7	25.6	24.3	22.9	21.6	20.5	19.4	18.2
-80°	23.2	21.9	20.7	20.0	19.3	18.6	17.9	17.0	16.1	15.2	14.6
-82.5°	16.7	15.9	15.1	14.8	14.5	14.2	13.8	13.4	12.9	12.5	12.1
-85°	12.5	11.9	11.3	11.1	10.9	10.7	10.4	10.3	10.1	9.9	9.6
-87.5°	10.1	9.7	9.3	9.0	8.7	8.5	8.2	8.1	8.1	8.0	7.8
-90°	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.6	2.9	3.2	3.5



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.7	6.4	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.5	3.5	3.5	3.5	3.7	3.8	3.9	4.0	4.1	4.3	4.5
85°	3.5	3.5	3.5	3.5	3.8	4.1	4.3	4.5	4.5	4.5	4.6
82.5°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7
80°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7
77.5°	3.9	3.7	3.5	3.6	3.9	4.2	4.5	4.7	4.7	4.7	4.7
75°	4.7	4.5	4.3	4.1	4.1	4.2	4.5	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.5	4.5	4.6	4.7	4.7	4.7	4.7
70°	6.2	5.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	8.8	7.0	5.6	4.8	4.7	4.7	4.7	4.8	4.9	4.7	4.7
65°	15.6	10.5	6.9	5.7	5.0	4.7	4.7	4.9	5.1	4.9	4.7
62.5°	20.1	15.2	10.4	7.2	5.5	4.9	4.7	5.0	5.2	5.2	4.9
60°	22.2	17.5	13.8	10.2	6.9	5.0	4.8	5.0	5.3	5.5	5.2
57.5°	20.5	18.8	16.0	12.8	9.3	6.1	4.8	5.1	5.3	5.6	5.5
55°	17.7	16.4	17.1	14.8	11.4	8.0	5.5	5.2	5.4	5.6	5.8
52.5°	14.8	15.1	16.3	16.0	13.2	9.7	7.0	5.2	5.4	5.7	5.8
50°	12.2	14.4	16.0	16.3	14.7	11.4	8.3	6.2	5.5	5.7	5.8
47.5°	11.8	14.3	15.7	16.9	15.8	12.9	9.6	7.0	5.6	5.8	5.8
45°	14.0	15.0	16.2	17.0	16.8	13.8	10.8	7.7	6.1	5.8	5.8
42.5°	17.3	17.6	17.8	17.4	17.1	14.4	11.9	8.6	6.5	5.9	5.8
40°	23.7	21.3	20.4	20.3	18.0	14.9	12.3	9.5	6.8	6.1	5.9
37.5°	31.2	27.1	24.3	25.8	20.6	16.3	12.5	10.2	7.6	6.6	6.1
35°	44.3	34.8	32.7	33.6	27.6	18.3	12.5	10.6	8.8	7.2	6.2
32.5°	60.3	51.0	48.8	42.9	36.5	21.0	13.7	11.6	10.0	7.8	6.4
30°	89.1	81.4	70.3	53.6	46.7	29.2	16.6	12.8	11.3	8.4	6.6
27.5°	133.1	116.4	97.3	72.8	56.9	39.2	20.3	14.2	12.7	9.2	7.1
25°	179.6	156.8	131.0	97.6	68.1	52.7	23.8	15.8	13.9	10.3	7.6
22.5°	231.4	198.2	167.7	125.6	85.9	68.2	31.0	18.9	15.2	11.4	8.2
20°	283.8	239.7	208.3	156.9	110.1	83.1	42.8	21.7	16.5	12.5	8.7
17.5°	343.3	291.8	256.2	194.0	136.8	99.4	55.4	24.4	17.9	13.5	9.2
15°	462.4	356.1	306.9	234.5	162.4	116.8	68.6	26.9	19.3	14.5	9.7
12.5°	606.8	419.5	360.0	277.5	186.8	134.8	82.0	29.2	20.8	15.5	10.2
10°	765.8	481.8	414.5	321.8	210.0	153.1	95.1	32.8	23.0	16.5	10.6
7.5°	932.1	542.5	469.3	365.9	234.3	177.7	121.6	39.5	25.5	17.5	10.9
5°	1083.5	598.4	524.2	418.4	271.9	208.0	150.5	46.3	28.0	18.4	11.2
2.5°	1161.0	646.9	576.8	468.7	308.1	236.9	178.6	53.2	30.4	19.2	11.5
0°	1217.6	692.4	625.7	514.6	342.7	264.3	204.7	59.7	32.7	19.9	11.7
-2.5°	1199.0	704.0	639.3	536.4	379.1	292.2	226.4	77.1	42.7	25.8	14.4
-5°	1162.2	713.5	650.2	554.4	412.8	318.4	244.5	93.5	52.3	31.3	17.0
-7.5°	1146.0	718.3	656.9	568.5	443.0	342.4	258.8	108.5	61.3	36.5	19.4
-10°	1110.2	719.4	658.2	567.9	445.2	352.0	266.5	121.7	69.4	41.1	21.6
-12.5°	1041.3	719.0	658.5	562.0	439.4	348.0	256.2	129.5	76.4	45.0	23.4
-15°	936.1	717.3	658.6	550.5	430.0	342.0	244.7	134.2	81.8	48.6	24.8
-17.5°	786.5	714.4	658.9	533.0	416.8	333.9	232.6	137.3	86.3	51.8	26.4
-20°	728.7	695.2	655.4	509.3	399.6	323.8	220.6	138.9	89.8	54.2	27.9



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	694.1	662.3	604.6	486.6	382.1	311.7	209.1	138.8	92.1	55.7	28.6
-25°	655.3	627.9	551.6	451.8	366.9	293.8	202.9	137.1	93.2	56.2	28.6
-27.5°	616.3	586.7	502.5	417.3	346.5	278.2	199.7	137.7	93.4	55.7	27.7
-30°	577.1	533.9	461.8	385.7	325.1	258.2	194.5	136.9	92.5	54.6	25.9
-32.5°	548.7	487.8	424.1	360.9	301.8	237.5	182.8	134.6	90.2	52.5	25.0
-35°	514.0	450.7	388.5	335.1	277.5	220.0	169.1	130.6	86.5	49.1	24.0
-37.5°	477.6	416.2	359.8	308.4	252.8	201.5	157.7	120.6	81.3	44.3	22.5
-40°	438.8	382.3	331.4	281.1	230.4	181.9	145.4	109.5	74.7	38.2	20.5
-42.5°	398.9	349.6	301.6	253.5	208.1	167.4	132.2	97.4	64.5	33.8	18.0
-45°	361.4	315.6	271.1	228.4	185.9	152.0	117.8	84.5	53.3	30.3	16.0
-47.5°	323.0	282.0	242.3	202.9	168.2	135.4	102.2	71.5	41.7	26.0	15.3
-50°	286.7	250.2	215.1	181.6	150.0	117.1	86.1	57.9	35.6	20.6	14.5
-52.5°	256.7	221.7	190.7	161.1	129.1	97.6	70.6	44.5	28.9	18.0	13.5
-55°	228.6	195.6	167.9	137.4	106.6	79.5	54.5	36.2	21.7	16.5	12.5
-57.5°	202.6	171.2	140.8	111.3	84.9	61.2	42.0	27.4	18.7	15.0	11.9
-60°	174.7	140.4	110.7	86.2	63.4	45.3	31.3	20.4	16.9	13.6	11.1
-62.5°	136.4	107.0	82.6	61.3	45.5	32.6	21.7	18.4	15.1	12.6	10.3
-65°	98.5	75.1	54.9	43.0	31.3	22.4	19.4	16.3	13.9	11.7	9.5
-67.5°	60.8	48.9	37.7	27.1	22.5	19.7	17.0	14.8	12.8	10.7	9.0
-70°	38.9	29.1	24.5	21.9	19.3	17.0	15.4	13.6	11.6	10.0	8.4
-72.5°	25.0	22.8	20.5	18.3	16.9	15.4	13.9	12.4	10.8	9.3	7.8
-75°	20.5	18.9	17.6	16.4	15.1	13.8	12.6	11.5	10.0	8.6	7.4
-77.5°	17.1	16.1	15.3	14.4	13.2	12.2	11.3	10.6	9.3	8.1	7.0
-80°	14.0	13.4	12.7	11.8	11.1	10.5	10.1	9.7	8.6	7.6	6.6
-82.5°	11.5	10.9	10.3	9.9	9.6	9.3	9.1	8.8	7.8	7.0	6.3
-85°	9.3	9.0	8.8	8.5	8.4	8.2	8.0	7.8	7.2	6.6	6.2
-87.5°	7.7	7.6	7.4	7.2	7.1	7.0	6.9	6.8	6.5	6.2	6.0
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.4



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.8	5.5	5.3	5.0	4.7	4.7	4.7
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
75°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
65°	4.8	4.7	4.7	4.7	4.7	4.7	4.7
62.5°	4.8	4.8	4.7	4.7	4.7	4.7	4.7
60°	4.9	4.9	4.7	4.7	4.7	4.7	4.7
57.5°	5.1	5.0	4.8	4.7	4.7	4.7	4.7
55°	5.3	5.1	4.9	4.7	4.7	4.7	4.7
52.5°	5.5	5.3	5.0	4.7	4.7	4.7	4.7
50°	5.7	5.4	5.2	4.7	4.8	4.7	4.7
47.5°	5.8	5.5	5.3	4.7	4.8	4.7	4.7
45°	5.8	5.6	5.4	4.8	4.8	4.7	4.7
42.5°	5.8	5.7	5.6	4.9	4.9	4.7	4.7
40°	5.8	5.7	5.6	5.1	4.9	4.7	4.7
37.5°	5.8	5.8	5.7	5.2	5.0	4.7	4.7
35°	5.8	5.8	5.7	5.3	5.0	4.7	4.7
32.5°	5.8	5.8	5.8	5.4	5.0	4.7	4.7
30°	6.0	5.8	5.8	5.5	5.1	4.7	4.7
27.5°	6.1	5.8	5.8	5.5	5.2	4.7	4.7
25°	6.2	5.8	5.8	5.6	5.2	4.7	4.7
22.5°	6.4	5.8	5.8	5.7	5.3	4.7	4.7
20°	6.5	5.9	5.8	5.7	5.3	4.7	4.7
17.5°	6.8	6.0	5.8	5.7	5.4	4.7	4.7
15°	7.0	6.1	5.8	5.8	5.5	4.7	4.7
12.5°	7.2	6.3	5.8	5.8	5.5	4.7	4.7
10°	7.4	6.4	5.8	5.8	5.6	4.7	4.7
7.5°	7.7	6.6	5.8	5.8	5.6	4.7	4.7
5°	7.9	6.7	5.8	5.8	5.7	4.7	4.7
2.5°	8.0	6.9	5.8	5.8	5.7	4.7	4.7
0°	8.2	7.0	5.8	5.8	5.8	4.7	4.7
-2.5°	9.1	7.3	5.9	5.9	5.8	4.7	4.7
-5°	10.0	7.5	6.0	6.0	5.8	4.7	4.7
-7.5°	10.8	7.7	6.1	6.0	5.8	4.8	4.7
-10°	11.6	7.9	6.2	6.1	5.8	4.8	4.7
-12.5°	12.2	8.1	6.3	6.2	5.8	4.8	4.7
-15°	12.7	8.2	6.4	6.2	5.7	4.8	4.7
-17.5°	13.1	8.3	6.5	6.3	5.7	4.9	4.7
-20°	13.5	8.4	6.6	6.3	5.7	4.9	4.7



REPORT NUMBER: P1305994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.0	8.4	6.7	6.3	5.7	4.9	4.7
-25°	14.2	8.5	6.8	6.3	5.7	4.9	4.7
-27.5°	14.1	8.6	6.9	6.4	5.7	4.9	4.7
-30°	13.6	8.7	7.0	6.3	5.7	4.9	4.7
-32.5°	12.8	8.7	7.2	6.3	5.6	4.9	4.7
-35°	12.5	8.6	7.3	6.3	5.6	5.0	4.7
-37.5°	12.4	8.5	7.3	6.2	5.6	5.0	4.7
-40°	12.1	8.6	7.4	6.1	5.6	5.0	4.7
-42.5°	11.8	8.7	7.3	6.1	5.6	5.0	4.7
-45°	11.3	8.7	7.2	6.0	5.6	5.0	4.7
-47.5°	10.8	8.6	7.1	5.9	5.6	5.0	4.7
-50°	10.5	8.4	7.0	5.9	5.6	5.0	4.7
-52.5°	10.2	8.2	6.8	5.9	5.6	5.0	4.7
-55°	9.8	8.0	6.6	5.9	5.6	5.0	4.7
-57.5°	9.4	7.7	6.4	5.9	5.6	4.9	4.7
-60°	8.9	7.4	6.2	5.9	5.7	4.9	4.7
-62.5°	8.4	7.1	6.2	5.9	5.6	4.9	4.7
-65°	8.0	6.8	6.1	5.9	5.5	4.9	4.7
-67.5°	7.5	6.5	6.1	5.8	5.5	4.9	4.7
-70°	7.0	6.4	6.0	5.8	5.4	4.9	4.7
-72.5°	6.7	6.2	5.9	5.7	5.3	4.9	4.7
-75°	6.4	6.0	5.8	5.6	5.2	4.8	4.7
-77.5°	6.1	5.9	5.7	5.5	5.2	4.8	4.7
-80°	5.8	5.8	5.6	5.4	5.1	4.8	4.7
-82.5°	5.8	5.7	5.5	5.3	5.0	4.8	4.7
-85°	5.8	5.6	5.4	5.2	4.9	4.7	4.7
-87.5°	5.8	5.6	5.3	5.1	4.8	4.7	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)