

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: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-70-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

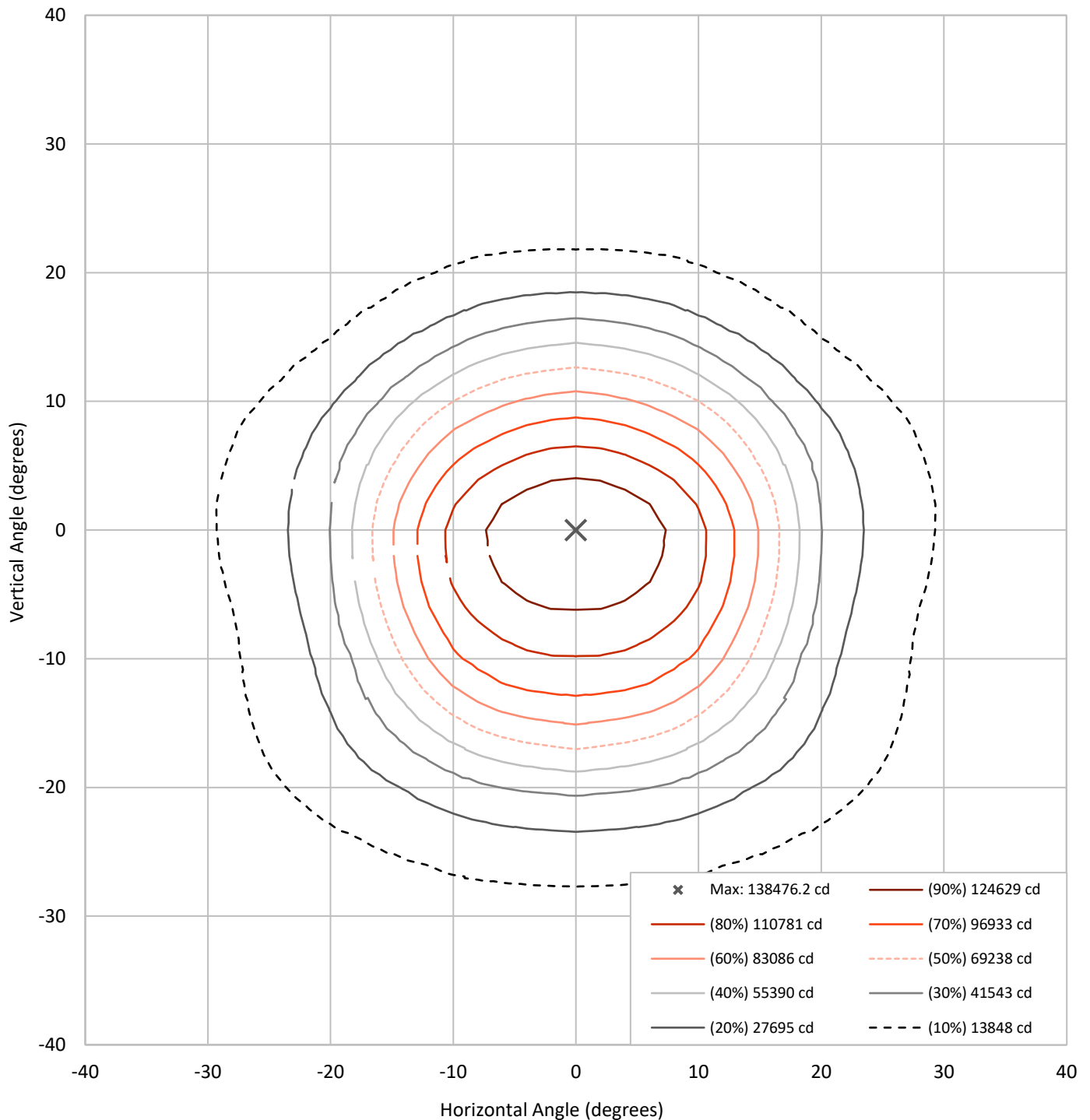
Test Method: LM-79-08
Report Number: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-70-4S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	44318.7 lumens	Max Intensity:	138476.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	24319.1 lumens	Field Lumens:	38964.4 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
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: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

Iso-Candela Plot





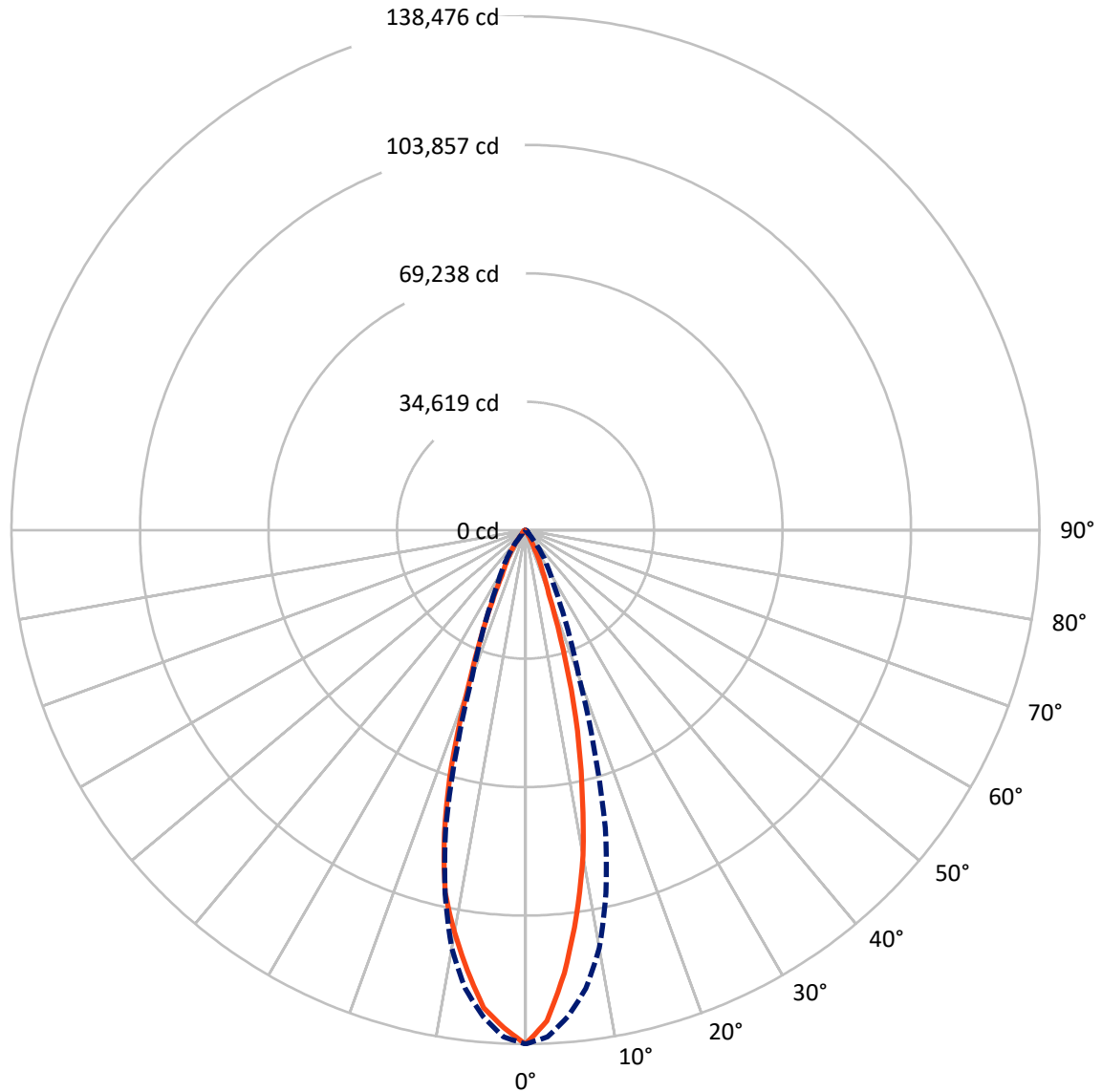
REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

Lumen Table

90	0.1	0.3		0.4		0.3		0.3		0.3		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.3		0.3		0.3		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.1				
50	0.1	0.1	0.2	0.4	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.4	0.2	0.1	0.1			
40		0.1	0.5	1.1	1.8	4.2	8.4	11.5	11.5	8.4	4.2	1.8	1.1	0.5	0.1				
30	0.1	0.2	1.6	4.4	16.2	59.1	140.0	236.8	236.8	140.0	59.1	16.2	4.4	1.6	0.2	0.1			
20		0.5	3.6	11.7	71.8	248.4	762.3	1440.3	1440.3	762.3	248.4	71.8	11.7	3.6	0.5				
10	0.2	1.0	6.2	22.0	167.1	595.2	1974.4	3336.1	3336.1	1974.4	595.2	167.1	22.0	6.2	1.0	0.2			
0		1.7	8.2	26.1	174.2	613.8	2216.0	3662.6	3662.6	2216.0	613.8	174.2	26.1	8.2	1.7				
-10	0.3	2.0	8.4	22.5	135.9	452.5	1323.5	2312.1	2312.1	1323.5	452.5	135.9	22.5	8.4	2.0	0.3			
-20		1.8	7.2	15.5	58.7	214.7	447.0	669.0	669.0	447.0	214.7	58.7	15.5	7.2	1.8				
-30	0.2	1.4	5.5	10.7	20.2	58.0	131.7	186.0	186.0	131.7	58.0	20.2	10.7	5.5	1.4	0.2			
-40		0.9	3.7	8.1	13.3	20.2	29.5	38.7	38.7	29.5	20.2	13.3	8.1	3.7	0.9				
-50	0.2	0.4	2.0	5.3	9.8	14.2	18.2	20.6	20.6	18.2	14.2	9.8	5.3	2.0	0.4	0.2			
-60		0.2	0.7	2.2	4.7	8.2	11.7	13.8	13.8	11.7	8.2	4.7	2.2	0.7	0.2				
-70	0.1	0.5		1.7		4.6		6.6		4.6		1.7		0.5		0.1			
-80		0.5		1.7		4.6		6.6		4.6		1.7		0.5					
-90	0.1	0.5		1.7		4.6		6.6		4.6		1.7		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

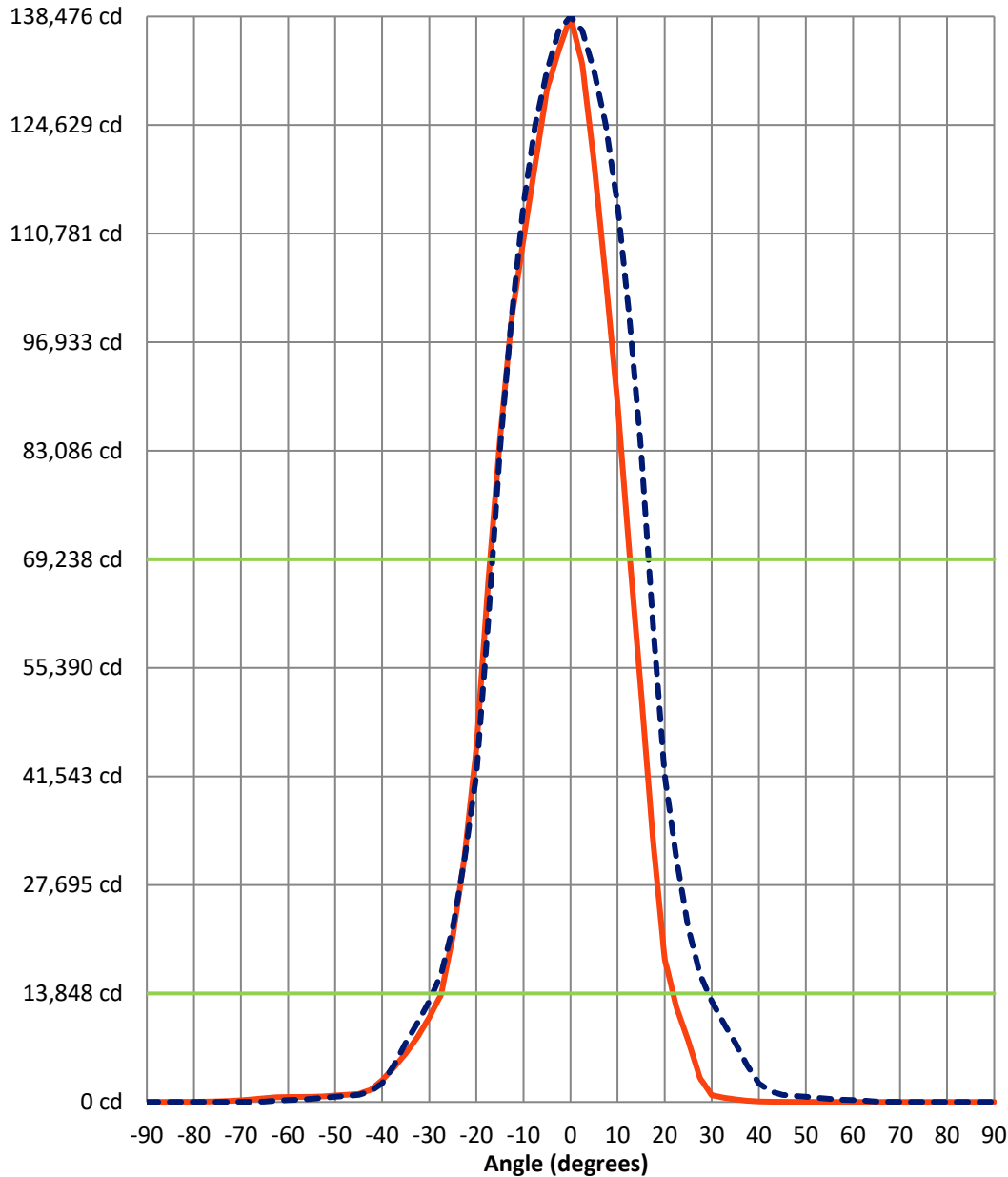
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 24319.1
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 38964.4
 Efficiency: 87.9%

Spill:
 Lumens: 5354.2
 Efficiency: 12.1%

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



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.1	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.4	5.2	5.0
75°	4.9	4.9	4.9	4.9	4.9	5.2	5.5	5.7	5.6	5.3	5.0
72.5°	4.9	4.9	4.9	4.9	5.1	5.5	5.8	5.9	5.6	5.3	5.0
70°	4.9	4.9	4.9	4.9	5.3	5.7	6.1	5.9	5.6	5.4	5.4
67.5°	4.9	4.9	4.9	5.1	5.5	6.0	6.1	6.0	5.7	5.6	5.8
65°	4.9	4.9	4.9	5.2	5.7	6.1	6.1	6.0	5.8	5.9	6.1
62.5°	4.9	4.9	4.9	5.4	5.9	6.1	6.1	6.0	6.0	6.1	6.1
60°	4.9	4.9	4.9	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	4.9	4.9	5.0	5.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1
55°	4.9	4.9	5.1	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	4.9	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1
50°	4.9	4.9	5.2	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.6
47.5°	4.9	4.9	5.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	7.2
45°	4.9	4.9	5.4	6.1	6.1	6.1	6.1	6.1	6.1	6.5	7.6
42.5°	4.9	4.9	5.5	6.1	6.1	6.1	6.1	6.1	6.2	6.8	7.9
40°	4.9	4.9	5.5	6.1	6.1	6.1	6.1	6.2	6.4	7.1	8.2
37.5°	4.9	4.9	5.6	6.1	6.1	6.1	6.1	6.4	6.8	7.5	8.4
35°	4.9	4.9	5.7	6.1	6.1	6.1	6.1	6.5	7.1	7.9	8.6
32.5°	4.9	4.9	5.7	6.1	6.1	6.1	6.1	6.7	7.4	8.2	9.2
30°	4.9	4.9	5.8	6.1	6.1	6.1	6.3	6.9	7.7	8.6	10.0
27.5°	4.9	4.9	5.8	6.1	6.1	6.1	6.4	7.1	8.0	9.0	11.0
25°	4.9	4.9	5.9	6.1	6.1	6.1	6.5	7.4	8.3	9.6	12.2
22.5°	4.9	4.9	5.9	6.1	6.1	6.1	6.7	7.6	8.6	10.5	14.8
20°	4.9	4.9	6.0	6.1	6.1	6.2	6.8	7.8	8.9	11.4	17.3
17.5°	4.9	4.9	6.0	6.1	6.1	6.3	7.0	8.0	9.1	12.4	20.0
15°	4.9	4.9	6.0	6.1	6.1	6.4	7.1	8.3	9.4	13.4	22.6
12.5°	4.9	4.9	6.0	6.1	6.1	6.6	7.2	8.5	10.1	14.5	25.1
10°	4.9	4.9	6.1	6.1	6.1	6.7	7.2	8.8	11.2	16.8	28.6
7.5°	4.9	4.9	6.1	6.1	6.1	6.9	7.3	9.1	12.3	19.4	34.4
5°	4.9	4.9	6.1	6.1	6.1	7.0	7.3	9.3	13.5	22.0	40.3
2.5°	4.9	4.9	6.1	6.1	6.1	7.2	7.3	9.6	14.7	24.5	46.0
0°	4.9	4.9	6.1	6.1	6.1	7.3	7.3	9.8	15.9	26.9	51.3
-2.5°	4.9	4.9	6.1	6.1	6.1	7.3	8.0	11.7	20.5	35.6	66.4
-5°	4.9	4.9	6.1	6.1	6.1	7.3	8.6	13.5	24.9	43.9	80.5
-7.5°	4.9	4.9	6.1	6.1	6.1	7.2	9.2	15.2	28.9	51.6	93.5
-10°	4.9	4.9	6.1	6.1	6.1	7.2	9.7	16.7	32.4	58.4	104.9
-12.5°	4.9	4.9	6.0	6.1	6.1	7.2	10.1	17.9	35.4	64.2	112.4
-15°	4.9	4.9	6.0	6.1	6.1	7.1	10.4	18.9	37.9	68.7	117.3
-17.5°	4.9	4.9	6.0	6.1	6.1	7.0	10.5	19.9	39.9	72.0	120.6
-20°	4.9	4.9	6.0	6.1	6.1	6.9	10.8	20.9	41.1	74.0	122.1



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	4.9	5.9	6.1	6.1	6.8	11.2	21.6	41.3	74.7	121.8
-25°	4.9	4.9	5.9	6.1	6.1	6.9	11.4	21.8	40.6	73.9	119.7
-27.5°	4.9	4.9	5.8	6.1	6.1	7.0	11.4	21.6	38.9	72.2	118.4
-30°	4.9	4.9	5.8	6.1	6.1	7.1	11.0	21.0	37.8	70.1	115.3
-32.5°	4.9	4.9	5.7	6.1	6.2	7.0	10.4	20.5	37.0	66.6	110.2
-35°	4.9	4.9	5.7	6.1	6.2	6.9	10.1	19.8	35.5	61.6	102.9
-37.5°	4.9	4.9	5.6	6.1	6.3	6.7	10.0	18.6	33.4	55.0	91.6
-40°	4.9	4.9	5.5	6.1	6.3	6.8	9.6	17.0	30.7	50.7	80.7
-42.5°	4.9	4.9	5.5	6.1	6.3	6.8	9.1	15.0	28.1	45.9	69.1
-45°	4.9	4.9	5.4	6.1	6.4	6.8	8.5	13.3	25.2	40.5	57.9
-47.5°	4.9	4.9	5.3	6.2	6.4	6.8	7.7	12.3	21.8	34.8	51.5
-50°	4.9	4.9	5.2	6.1	6.4	6.8	7.5	11.1	17.6	29.9	44.6
-52.5°	4.9	4.9	5.2	6.0	6.5	6.7	7.5	9.8	14.9	24.7	37.4
-55°	4.9	4.9	5.1	5.9	6.5	6.7	7.4	8.3	12.9	19.1	31.0
-57.5°	4.9	4.9	5.0	5.8	6.5	6.8	7.2	8.1	10.7	15.7	24.1
-60°	4.9	4.9	4.9	5.7	6.5	6.8	7.1	7.9	8.7	12.9	18.1
-62.5°	4.9	4.9	4.9	5.6	6.4	6.8	7.1	7.6	8.4	9.8	14.5
-65°	4.9	4.9	4.9	5.4	6.2	6.9	7.1	7.4	8.1	8.9	10.7
-67.5°	4.9	4.9	4.9	5.3	6.0	6.8	7.2	7.4	7.7	8.5	9.2
-70°	4.9	4.9	4.9	5.2	5.9	6.5	7.2	7.4	7.6	8.1	8.8
-72.5°	4.9	4.9	4.9	5.1	5.7	6.3	7.0	7.3	7.5	7.8	8.3
-75°	4.9	4.9	4.9	5.1	5.5	6.1	6.7	7.0	7.3	7.5	7.9
-77.5°	4.9	4.9	4.9	5.1	5.4	5.9	6.4	6.7	6.9	7.2	7.4
-80°	4.9	4.9	4.9	5.0	5.3	5.7	6.1	6.3	6.5	6.7	6.9
-82.5°	4.9	4.9	4.9	5.0	5.2	5.5	5.8	6.0	6.1	6.3	6.4
-85°	4.9	4.9	4.9	5.0	5.1	5.3	5.5	5.6	5.7	5.8	5.9
-87.5°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0
87.5°	4.6	4.3	4.0	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.7
85°	4.6	4.3	4.1	3.9	3.9	3.9	3.8	3.7	3.5	3.4	3.3
82.5°	4.7	4.6	4.6	4.6	4.5	4.3	4.0	3.7	3.7	3.7	3.7
80°	4.9	4.9	4.9	4.9	4.7	4.4	4.1	3.8	3.7	3.7	3.8
77.5°	4.9	4.9	4.9	4.9	4.7	4.5	4.4	4.4	4.4	4.3	4.1
75°	4.9	4.9	5.0	4.9	4.8	4.8	4.9	4.9	4.7	4.4	4.1
72.5°	5.1	5.2	5.2	5.0	4.9	4.9	4.9	4.9	5.0	5.1	5.0
70°	5.6	5.6	5.4	5.1	4.9	5.1	5.7	6.3	6.8	6.8	7.0
67.5°	6.0	5.7	5.4	5.3	5.8	6.6	7.3	8.3	9.3	9.6	10.1
65°	6.1	5.8	5.8	6.3	7.2	8.1	9.2	10.5	13.1	14.7	15.5
62.5°	6.1	6.0	6.4	7.3	8.5	9.7	11.6	14.6	18.5	21.3	21.4
60°	6.1	6.2	7.1	8.5	9.8	11.4	14.2	18.8	24.7	29.2	26.7
57.5°	6.1	6.8	8.2	9.6	10.9	12.7	17.1	22.9	29.0	35.5	30.3
55°	6.4	7.7	9.1	10.4	12.0	14.4	18.9	24.4	31.2	33.0	27.1
52.5°	7.2	8.6	9.7	11.2	13.3	15.5	18.7	23.5	25.6	26.1	22.5
50°	7.9	9.0	10.2	11.9	14.0	15.9	16.9	19.8	20.5	19.5	17.6
47.5°	8.4	9.4	10.5	12.4	14.5	16.1	16.2	16.3	16.0	15.7	13.0
45°	8.7	9.8	10.8	12.9	15.2	16.7	15.9	13.6	15.5	14.9	14.3
42.5°	9.0	10.1	11.9	13.5	16.6	17.5	16.2	16.8	17.3	18.1	18.3
40°	9.3	10.5	13.4	16.6	18.3	18.8	20.8	22.3	21.7	23.7	24.9
37.5°	9.6	12.1	16.2	22.2	20.3	23.0	26.8	32.9	33.1	31.2	35.8
35°	9.9	14.0	23.0	29.6	28.0	29.6	39.7	47.7	50.1	47.4	50.4
32.5°	11.0	16.1	31.6	38.4	42.4	44.4	55.8	67.8	76.9	78.6	71.3
30°	13.3	24.0	41.5	49.2	60.5	71.5	79.5	94.0	112.6	127.2	133.2
27.5°	16.2	33.5	51.8	65.7	83.0	101.7	115.4	133.6	164.0	190.1	211.5
25°	19.3	46.6	63.3	85.9	111.6	135.8	156.9	187.2	227.5	270.8	346.0
22.5°	26.3	61.4	80.7	108.2	142.1	172.4	207.6	250.7	302.2	361.6	501.2
20°	37.7	76.1	101.6	133.0	174.9	210.8	260.4	315.5	385.7	512.4	749.4
17.5°	49.8	91.8	123.0	162.5	214.4	259.8	315.4	379.8	472.8	675.5	1142.3
15°	62.3	108.3	143.4	193.6	257.6	322.4	389.5	459.6	592.7	906.4	1642.6
12.5°	75.1	125.3	162.8	225.8	303.3	387.7	467.7	556.9	749.4	1303.1	2383.8
10°	87.6	142.4	181.1	258.3	350.5	454.5	545.3	650.2	912.3	1662.5	3046.6
7.5°	108.2	164.6	200.7	290.3	398.0	521.2	621.4	739.3	1071.5	1975.8	3657.1
5°	129.9	191.9	232.0	329.5	444.9	580.8	690.2	823.1	1222.1	2239.3	4229.7
2.5°	150.7	218.2	262.5	367.2	488.8	627.0	733.9	870.1	1302.7	2362.5	4583.3
0°	169.7	243.0	291.9	401.8	528.8	668.0	773.0	911.0	1351.9	2386.2	4696.7
-2.5°	192.8	270.3	322.3	429.2	550.7	692.1	797.8	942.1	1402.7	2519.6	4717.2
-5°	212.6	295.5	351.3	453.7	569.0	710.9	818.5	966.3	1426.4	2580.3	4618.0
-7.5°	228.6	318.6	378.7	473.0	578.5	714.6	826.1	970.2	1409.8	2549.1	4415.0
-10°	238.2	328.3	385.3	472.7	575.4	706.7	826.2	966.8	1362.2	2419.3	4130.0
-12.5°	231.2	325.6	386.5	469.2	569.5	693.3	820.3	955.7	1281.1	2179.7	3796.5
-15°	222.6	321.3	385.7	462.3	561.1	674.6	808.1	936.8	1154.7	1808.2	3384.6
-17.5°	212.7	315.3	382.8	452.2	550.4	650.4	783.4	887.7	1024.0	1540.7	2909.8
-20°	201.9	307.8	377.6	438.7	537.4	615.5	724.9	832.4	956.8	1310.2	2271.1



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	190.6	298.8	369.0	429.9	504.1	575.4	663.5	768.8	882.8	1023.8	1591.8
-25°	184.1	281.9	356.6	409.5	468.1	534.5	600.3	697.6	805.5	919.1	1218.0
-27.5°	180.7	265.6	336.3	389.2	433.4	493.6	549.5	627.2	727.2	824.3	919.1
-30°	174.8	242.4	315.7	368.1	408.2	455.6	503.8	566.8	655.6	740.9	819.4
-32.5°	162.2	218.9	290.3	344.6	385.9	420.5	468.2	524.4	592.7	666.7	729.9
-35°	146.7	200.4	262.9	321.2	364.0	396.7	439.6	486.8	537.0	601.2	676.8
-37.5°	132.4	180.3	235.7	295.0	338.8	378.6	411.6	454.1	497.4	544.9	620.6
-40°	116.9	158.7	211.0	265.6	316.2	357.5	391.8	423.6	461.4	508.9	559.5
-42.5°	100.9	140.4	185.8	236.8	287.6	332.1	371.0	400.4	432.7	473.6	518.6
-45°	87.6	121.2	160.0	208.2	256.1	303.0	342.7	379.7	410.7	440.8	479.6
-47.5°	73.7	102.3	138.0	179.1	224.6	268.6	311.5	352.4	391.8	420.0	443.8
-50°	61.0	86.6	115.7	153.4	193.2	234.3	274.5	322.4	364.1	399.6	427.3
-52.5°	52.9	70.4	97.1	128.1	163.8	200.9	240.6	284.6	329.8	372.0	404.4
-55°	44.3	59.4	78.3	105.1	135.4	169.0	206.1	246.5	287.7	330.1	371.5
-57.5°	36.0	49.4	63.9	82.6	108.8	137.6	171.6	207.4	245.3	283.8	322.2
-60°	27.8	39.5	52.4	66.1	82.2	108.0	136.2	167.7	201.4	235.9	270.5
-62.5°	19.9	29.4	40.8	53.2	65.9	80.0	102.7	128.9	156.1	184.8	214.9
-65°	15.4	20.4	28.8	39.7	51.3	63.6	77.1	91.9	114.5	136.8	158.0
-67.5°	10.8	15.4	20.0	25.6	35.5	46.1	57.4	69.7	82.9	95.8	111.0
-70°	9.6	10.9	14.5	18.6	22.5	27.7	36.9	46.9	57.0	66.9	77.7
-72.5°	9.0	10.0	11.3	12.9	16.1	19.4	22.5	25.6	31.6	39.7	47.6
-75°	8.4	9.0	9.9	11.1	12.4	13.7	15.3	18.1	20.6	23.0	25.4
-77.5°	7.7	8.2	8.7	9.4	10.1	11.1	12.2	13.4	14.4	15.4	16.5
-80°	7.1	7.3	7.6	8.0	8.5	9.0	9.6	10.3	10.8	11.3	12.0
-82.5°	6.6	6.7	6.8	7.0	7.0	7.2	7.4	7.7	8.1	8.4	8.7
-85°	6.0	6.1	6.2	6.3	6.1	6.0	5.9	5.9	6.0	6.2	6.3
-87.5°	5.5	5.5	5.5	5.6	5.4	5.3	5.1	4.9	4.8	4.8	4.7
-90°	4.6	4.3	4.0	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.7



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.7	3.7	3.7	3.7	3.7	4.3	4.9	5.5	6.1	6.7	7.3
87.5°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2
85°	3.2	3.1	2.9	2.7	2.4	2.4	2.3	2.3	2.3	2.1	1.8
82.5°	3.7	3.4	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.1	1.8
80°	3.7	3.4	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.1	1.8
77.5°	3.8	3.5	3.3	3.2	3.1	3.0	2.9	2.7	2.4	2.1	1.8
75°	3.8	3.7	3.8	3.8	3.7	3.5	3.1	2.8	2.5	2.4	2.3
72.5°	4.8	4.6	4.6	4.7	4.7	4.5	4.3	3.9	3.5	3.5	3.6
70°	7.1	7.3	7.3	7.2	6.8	6.3	5.8	5.3	4.8	4.7	4.7
67.5°	10.8	10.9	10.6	9.8	8.6	7.4	7.0	6.5	6.0	5.8	5.9
65°	15.5	14.4	13.2	11.8	10.1	8.4	7.9	7.5	7.1	7.1	7.5
62.5°	20.1	16.4	13.2	11.2	9.6	8.4	7.8	7.3	6.8	6.6	6.8
60°	22.1	15.7	11.4	10.1	8.8	7.5	6.8	6.2	5.7	5.4	5.6
57.5°	22.2	15.4	10.6	9.0	7.6	6.5	5.9	5.6	5.2	4.9	5.3
55°	19.7	13.6	8.9	7.7	6.9	6.4	6.0	5.9	5.8	5.7	5.9
52.5°	15.8	11.4	8.3	7.2	7.2	7.2	7.2	7.2	7.3	7.5	7.9
50°	12.6	9.7	8.8	8.3	8.6	8.6	8.4	8.9	9.6	9.9	10.3
47.5°	11.6	10.6	10.7	10.4	10.9	11.7	11.9	12.2	13.2	13.8	14.2
45°	12.9	13.8	14.4	15.4	16.0	17.4	17.8	17.8	19.9	21.2	22.0
42.5°	18.0	19.6	21.5	23.4	24.4	26.2	28.0	29.0	32.0	34.4	35.3
40°	27.2	28.1	32.1	34.6	36.4	38.6	44.3	48.0	53.9	64.9	72.8
37.5°	39.9	42.8	45.2	48.7	56.4	60.2	78.3	94.6	105.9	133.2	148.6
35°	58.4	66.5	63.7	79.3	98.7	123.0	149.4	188.8	220.0	256.8	290.9
32.5°	91.6	111.3	130.2	148.4	191.9	261.5	263.4	337.1	386.4	446.2	498.8
30°	145.0	214.4	301.6	330.5	452.8	589.6	551.6	664.6	776.7	843.3	1073.3
27.5°	286.2	442.5	615.9	836.2	1064.1	1299.2	1454.8	1509.3	2076.0	2492.7	3035.0
25°	489.6	763.9	1248.3	1605.1	2005.4	2527.4	2828.9	3234.8	4180.0	5357.9	6272.8
22.5°	780.3	1259.5	1899.5	2439.5	3039.4	3742.9	4379.1	5352.2	6822.1	8429.9	9797.7
20°	1106.0	1723.9	2534.8	3343.8	4130.2	5047.0	6154.0	8141.2	10412.3	12932.6	15211.1
17.5°	1707.0	2314.6	3353.1	4459.1	5576.4	6680.7	9115.0	12058.0	15613.2	19347.7	22664.6
15°	2565.8	3549.2	4579.2	6041.7	7901.4	10023.5	13106.4	18268.2	23789.9	29618.1	36566.2
12.5°	3686.6	5112.2	6657.4	8350.7	10872.1	14745.9	19860.1	26160.5	34064.1	42808.0	52694.9
10°	4830.3	6886.3	9014.3	11432.7	14755.9	19745.5	26350.1	34239.0	46668.5	58919.4	69238.2
7.5°	5760.2	8156.3	10841.1	14053.7	18385.1	24464.8	32626.5	44027.9	58850.7	73427.1	84970.8
5°	6632.7	9264.8	12059.8	15342.1	20564.1	27895.6	37724.7	51949.5	69682.5	85184.8	97554.5
2.5°	7265.5	10030.5	12922.0	16261.7	22215.2	29981.1	40772.4	58417.2	78828.0	94711.0	108894.1
0°	7545.7	10104.1	12870.1	16296.7	22269.5	31045.0	41829.2	61148.4	83061.3	100136.5	114383.5
-2.5°	7198.4	9682.1	12536.5	15884.1	21871.4	30301.4	41441.3	60840.8	82829.1	100146.0	114192.3
-5°	6830.9	9185.5	11835.2	14929.6	20389.2	28227.6	39593.3	58128.9	79229.1	96638.6	110340.6
-7.5°	6439.1	8594.2	10964.8	13741.0	18584.6	26127.5	36681.2	52325.3	72048.3	89774.2	102660.9
-10°	5991.3	7953.2	10446.1	13388.5	17605.1	24161.8	32889.7	45422.6	63895.7	80364.9	94513.7
-12.5°	5728.3	7820.9	10312.0	13014.8	16416.0	22194.2	30135.4	40826.1	53471.5	68769.7	81359.3
-15°	5390.3	7508.5	9979.1	12514.7	15663.0	20174.5	26444.4	34296.8	43918.8	54227.9	65402.5
-17.5°	4834.6	6951.6	8941.1	11321.0	14311.2	17875.6	22381.3	28475.3	34859.5	42164.0	48849.7
-20°	3919.5	5629.5	7511.0	9753.4	12323.9	15025.0	18033.9	22186.1	26235.9	31349.7	35455.1



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2819.9	4265.3	5895.4	7748.6	9784.2	12096.8	14363.4	16554.6	19330.1	22567.1	25865.7
-25°	1836.5	2905.9	4317.4	5836.2	7257.9	9106.0	10734.5	12043.2	13914.7	15379.4	17378.3
-27.5°	1271.7	1966.7	3018.2	4228.4	5349.8	6532.7	7858.5	8751.9	10209.8	11002.1	12227.5
-30°	930.5	1320.6	2076.8	2981.9	3958.9	4965.8	5912.3	6894.6	7908.8	8805.6	9485.6
-32.5°	825.2	978.4	1351.3	2002.8	2767.3	3611.6	4413.0	5269.4	6077.3	6772.5	7333.5
-35°	753.7	839.6	956.7	1301.2	1757.4	2416.6	3047.1	3740.3	4389.2	4926.6	5377.0
-37.5°	697.0	765.9	839.6	915.1	1171.3	1459.8	1907.9	2389.7	2806.1	3281.9	3649.4
-40°	632.7	706.2	765.3	825.6	893.5	965.9	1208.5	1424.1	1659.4	1980.6	2243.0
-42.5°	566.4	630.4	696.9	753.0	804.2	858.3	912.8	961.1	1080.6	1222.2	1329.7
-45°	520.4	565.7	614.4	674.0	729.1	776.0	820.1	862.4	905.7	945.8	979.0
-47.5°	480.0	516.5	556.7	597.6	639.0	687.3	732.5	775.4	813.1	847.2	874.7
-50°	450.5	475.7	509.1	541.4	576.8	610.5	640.5	675.7	714.2	749.2	777.2
-52.5°	435.5	457.6	476.8	499.9	531.9	560.1	584.8	612.7	639.4	664.0	682.0
-55°	406.1	435.1	463.1	489.1	511.2	531.3	552.7	580.1	603.6	623.8	634.9
-57.5°	360.1	397.3	432.5	465.5	496.6	525.8	550.0	571.8	593.6	614.2	623.8
-60°	305.7	341.2	378.0	417.7	457.8	497.7	527.1	555.1	581.5	603.7	615.5
-62.5°	247.2	279.6	312.5	348.3	386.4	423.7	455.8	489.2	523.5	553.0	571.9
-65°	180.8	208.4	237.9	267.2	296.2	326.0	354.6	382.8	410.1	432.3	447.7
-67.5°	129.6	147.4	165.6	184.5	206.9	230.0	251.1	271.5	291.1	306.7	318.3
-70°	89.1	100.6	111.3	123.3	137.6	151.7	164.7	177.1	188.6	198.5	206.7
-72.5°	55.4	63.0	70.4	78.8	87.0	94.8	102.2	109.1	115.5	121.3	126.5
-75°	27.8	31.3	37.3	42.9	48.2	53.7	58.8	63.2	67.1	70.4	73.1
-77.5°	18.1	20.3	22.5	24.5	26.4	29.0	31.8	34.6	37.5	39.8	41.9
-80°	12.6	13.9	15.2	16.5	17.9	19.5	21.1	22.7	24.3	25.4	26.3
-82.5°	9.0	9.7	10.4	11.2	12.0	13.1	14.3	15.4	16.6	17.3	18.1
-85°	6.4	6.7	7.1	7.4	7.8	8.8	9.9	10.9	11.9	12.6	13.3
-87.5°	4.7	4.7	4.7	4.8	4.8	5.7	6.6	7.5	8.4	8.8	9.1
-90°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.9	8.5	8.5	8.5	8.5	8.5	7.9	7.3	6.7	6.1	5.5
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.8
72.5°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.9
70°	4.8	4.9	4.3	3.7	4.3	4.9	4.8	4.7	4.7	4.8	5.3
67.5°	6.0	6.1	6.6	7.3	6.6	6.1	6.0	5.9	5.8	6.0	6.5
65°	7.9	8.3	7.9	7.3	7.9	8.3	7.9	7.5	7.1	7.1	7.5
62.5°	7.0	7.3	6.8	6.1	6.8	7.3	7.0	6.8	6.6	6.8	7.3
60°	5.8	6.1	6.1	6.1	6.1	6.1	5.8	5.6	5.4	5.7	6.2
57.5°	5.6	6.0	6.1	6.1	6.1	6.0	5.6	5.3	4.9	5.2	5.6
55°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.8	5.9
52.5°	8.1	8.3	8.5	8.5	8.5	8.3	8.1	7.9	7.5	7.3	7.2
50°	10.6	10.8	11.0	11.0	11.0	10.8	10.6	10.3	9.9	9.6	8.9
47.5°	14.5	14.6	14.6	14.7	14.6	14.6	14.5	14.2	13.8	13.2	12.2
45°	22.3	22.1	21.8	22.0	21.8	22.1	22.3	22.0	21.2	19.9	17.8
42.5°	36.3	36.3	36.3	36.6	36.3	36.3	36.3	35.3	34.4	32.0	29.0
40°	75.0	72.3	68.5	68.4	68.5	72.3	75.0	72.8	64.9	53.9	48.0
37.5°	156.2	158.9	158.6	161.2	158.6	158.9	156.2	148.6	133.2	105.9	94.6
35°	316.8	331.0	334.2	333.4	334.2	331.0	316.8	290.9	256.8	220.0	188.8
32.5°	521.8	540.6	545.9	553.2	545.9	540.6	521.8	498.8	446.2	386.4	337.1
30°	917.3	942.7	918.6	869.5	918.6	942.7	917.3	1073.3	843.3	776.7	664.6
27.5°	3323.9	3445.8	3171.4	3071.3	3171.4	3445.8	3323.9	3035.0	2492.7	2076.0	1509.3
25°	6774.0	7313.2	7865.8	7816.8	7865.8	7313.2	6774.0	6272.8	5357.9	4180.0	3234.8
22.5°	10932.4	11478.7	11934.1	12090.9	11934.1	11478.7	10932.4	9797.7	8429.9	6822.1	5352.2
20°	17316.0	18380.0	19141.9	18330.0	19141.9	18380.0	17316.0	15211.1	12932.6	10412.3	8141.2
17.5°	27678.6	30882.8	32547.3	33598.5	32547.3	30882.8	27678.6	22664.6	19347.7	15613.2	12058.0
15°	42966.2	47798.5	50475.6	52248.4	50475.6	47798.5	42966.2	36566.2	29618.1	23789.9	18268.2
12.5°	60596.7	65865.2	68231.4	70162.6	68231.4	65865.2	60596.7	52694.9	42808.0	34064.1	26160.5
10°	77356.8	83048.8	86989.6	89037.8	86989.6	83048.8	77356.8	69238.2	58919.4	46668.5	34239.0
7.5°	92713.1	99676.0	103675.0	104948.0	103675.0	99676.0	92713.1	84970.8	73427.1	58850.7	44027.9
5°	107733.5	113946.1	118755.4	119845.8	118755.4	113946.1	107733.5	97554.5	85184.8	69682.5	51949.5
2.5°	119298.7	126744.2	131062.0	132367.3	131062.0	126744.2	119298.7	108894.1	94711.0	78828.0	58417.2
0°	124598.7	131530.1	136642.6	138476.2	136642.6	131530.1	124598.7	114383.5	100136.5	83061.3	61148.4
-2.5°	123490.1	129877.9	133537.4	134167.9	133537.4	129877.9	123490.1	114192.3	100146.0	82829.1	60840.8
-5°	119591.3	125460.3	129074.8	129178.1	129074.8	125460.3	119591.3	110340.6	96638.6	79229.1	58128.9
-7.5°	111027.3	116515.5	119035.3	119668.2	119035.3	116515.5	111027.3	102660.9	89774.2	72048.3	52325.3
-10°	102310.8	107402.4	109783.6	110047.1	109783.6	107402.4	102310.8	94513.7	80364.9	63895.7	45422.6
-12.5°	91020.1	96468.1	98845.6	99963.7	98845.6	96468.1	91020.1	81359.3	68769.7	53471.5	40826.1
-15°	74218.2	79486.5	82338.7	84444.9	82338.7	79486.5	74218.2	65402.5	54227.9	43918.8	34296.8
-17.5°	56215.2	60730.8	63541.6	66100.3	63541.6	60730.8	56215.2	48849.7	42164.0	34859.5	28475.3
-20°	40022.8	42898.6	43781.8	45160.6	43781.8	42898.6	40022.8	35455.1	31349.7	26235.9	22186.1



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28110.1	29745.1	30780.8	31366.1	30780.8	29745.1	28110.1	25865.7	22567.1	19330.1	16554.6
-25°	19056.7	20190.6	20631.6	21139.9	20631.6	20190.6	19056.7	17378.3	15379.4	13914.7	12043.2
-27.5°	12764.9	13230.6	13548.6	13721.2	13548.6	13230.6	12764.9	12227.5	11002.1	10209.8	8751.9
-30°	10033.0	10458.8	10714.2	10795.3	10714.2	10458.8	10033.0	9485.6	8805.6	7908.8	6894.6
-32.5°	7767.8	8089.7	8261.7	8284.5	8261.7	8089.7	7767.8	7333.5	6772.5	6077.3	5269.4
-35°	5754.6	6047.8	6210.1	6198.7	6210.1	6047.8	5754.6	5377.0	4926.6	4389.2	3740.3
-37.5°	3965.4	4214.0	4366.4	4406.0	4366.4	4214.0	3965.4	3649.4	3281.9	2806.1	2389.7
-40°	2480.7	2663.2	2772.2	2786.7	2772.2	2663.2	2480.7	2243.0	1980.6	1659.4	1424.1
-42.5°	1424.0	1498.0	1539.5	1537.5	1539.5	1498.0	1424.0	1329.7	1222.2	1080.6	961.1
-45°	1000.8	1017.4	1026.7	1028.2	1026.7	1017.4	1000.8	979.0	945.8	905.7	862.4
-47.5°	894.6	910.3	918.6	919.6	918.6	910.3	894.6	874.7	847.2	813.1	775.4
-50°	799.6	818.2	828.3	830.4	828.3	818.2	799.6	777.2	749.2	714.2	675.7
-52.5°	696.5	708.8	712.9	710.7	712.9	708.8	696.5	682.0	664.0	639.4	612.7
-55°	645.3	655.3	659.7	660.7	659.7	655.3	645.3	634.9	623.8	603.6	580.1
-57.5°	633.0	641.9	644.7	644.8	644.7	641.9	633.0	623.8	614.2	593.6	571.8
-60°	627.0	638.2	640.4	638.7	640.4	638.2	627.0	615.5	603.7	581.5	555.1
-62.5°	588.6	603.0	607.5	606.9	607.5	603.0	588.6	571.9	553.0	523.5	489.2
-65°	460.7	471.2	476.6	478.7	476.6	471.2	460.7	447.7	432.3	410.1	382.8
-67.5°	327.7	335.0	337.3	337.0	337.3	335.0	327.7	318.3	306.7	291.1	271.5
-70°	213.7	219.3	219.9	218.6	219.9	219.3	213.7	206.7	198.5	188.6	177.1
-72.5°	131.1	135.0	134.6	133.1	134.6	135.0	131.1	126.5	121.3	115.5	109.1
-75°	75.5	77.4	76.8	75.7	76.8	77.4	75.5	73.1	70.4	67.1	63.2
-77.5°	44.0	46.0	46.3	46.4	46.3	46.0	44.0	41.9	39.8	37.5	34.6
-80°	27.2	27.9	28.1	28.1	28.1	27.9	27.2	26.3	25.4	24.3	22.7
-82.5°	18.8	19.4	19.5	19.5	19.5	19.4	18.8	18.1	17.3	16.6	15.4
-85°	14.0	14.7	14.7	14.7	14.7	14.7	14.0	13.3	12.6	11.9	10.9
-87.5°	9.5	9.8	9.8	9.8	9.8	9.8	9.5	9.1	8.8	8.4	7.5
-90°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.9	4.3	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9
87.5°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.7	3.1	3.4	3.7
85°	2.3	2.4	2.4	2.7	2.9	3.1	3.2	3.3	3.4	3.5	3.7
82.5°	2.4	2.4	2.4	2.8	3.1	3.4	3.7	3.7	3.7	3.7	3.7
80°	2.4	2.4	2.4	2.8	3.1	3.4	3.7	3.8	3.7	3.7	3.8
77.5°	2.9	3.0	3.1	3.2	3.3	3.5	3.8	4.1	4.3	4.4	4.4
75°	3.1	3.5	3.7	3.8	3.8	3.7	3.8	4.1	4.4	4.7	4.9
72.5°	4.3	4.5	4.7	4.7	4.6	4.6	4.8	5.0	5.1	5.0	4.9
70°	5.8	6.3	6.8	7.2	7.3	7.3	7.1	7.0	6.8	6.8	6.3
67.5°	7.0	7.4	8.6	9.8	10.6	10.9	10.8	10.1	9.6	9.3	8.3
65°	7.9	8.4	10.1	11.8	13.2	14.4	15.5	15.5	14.7	13.1	10.5
62.5°	7.8	8.4	9.6	11.2	13.2	16.4	20.1	21.4	21.3	18.5	14.6
60°	6.8	7.5	8.8	10.1	11.4	15.7	22.1	26.7	29.2	24.7	18.8
57.5°	5.9	6.5	7.6	9.0	10.6	15.4	22.2	30.3	35.5	29.0	22.9
55°	6.0	6.4	6.9	7.7	8.9	13.6	19.7	27.1	33.0	31.2	24.4
52.5°	7.2	7.2	7.2	7.2	8.3	11.4	15.8	22.5	26.1	25.6	23.5
50°	8.4	8.6	8.6	8.3	8.8	9.7	12.6	17.6	19.5	20.5	19.8
47.5°	11.9	11.7	10.9	10.4	10.7	10.6	11.6	13.0	15.7	16.0	16.3
45°	17.8	17.4	16.0	15.4	14.4	13.8	12.9	14.3	14.9	15.5	13.6
42.5°	28.0	26.2	24.4	23.4	21.5	19.6	18.0	18.3	18.1	17.3	16.8
40°	44.3	38.6	36.4	34.6	32.1	28.1	27.2	24.9	23.7	21.7	22.3
37.5°	78.3	60.2	56.4	48.7	45.2	42.8	39.9	35.8	31.2	33.1	32.9
35°	149.4	123.0	98.7	79.3	63.7	66.5	58.4	50.4	47.4	50.1	47.7
32.5°	263.4	261.5	191.9	148.4	130.2	111.3	91.6	71.3	78.6	76.9	67.8
30°	551.6	589.6	452.8	330.5	301.6	214.4	145.0	133.2	127.2	112.6	94.0
27.5°	1454.8	1299.2	1064.1	836.2	615.9	442.5	286.2	211.5	190.1	164.0	133.6
25°	2828.9	2527.4	2005.4	1605.1	1248.3	763.9	489.6	346.0	270.8	227.5	187.2
22.5°	4379.1	3742.9	3039.4	2439.5	1899.5	1259.5	780.3	501.2	361.6	302.2	250.7
20°	6154.0	5047.0	4130.2	3343.8	2534.8	1723.9	1106.0	749.4	512.4	385.7	315.5
17.5°	9115.0	6680.7	5576.4	4459.1	3353.1	2314.6	1707.0	1142.3	675.5	472.8	379.8
15°	13106.4	10023.5	7901.4	6041.7	4579.2	3549.2	2565.8	1642.6	906.4	592.7	459.6
12.5°	19860.1	14745.9	10872.1	8350.7	6657.4	5112.2	3686.6	2383.8	1303.1	749.4	556.9
10°	26350.1	19745.5	14755.9	11432.7	9014.3	6886.3	4830.3	3046.6	1662.5	912.3	650.2
7.5°	32626.5	24464.8	18385.1	14053.7	10841.1	8156.3	5760.2	3657.1	1975.8	1071.5	739.3
5°	37724.7	27895.6	20564.1	15342.1	12059.8	9264.8	6632.7	4229.7	2239.3	1222.1	823.1
2.5°	40772.4	29981.1	22215.2	16261.7	12922.0	10030.5	7265.5	4583.3	2362.5	1302.7	870.1
0°	41829.2	31045.0	22269.5	16296.7	12870.1	10104.1	7545.7	4696.7	2386.2	1351.9	911.0
-2.5°	41441.3	30301.4	21871.4	15884.1	12536.5	9682.1	7198.4	4717.2	2519.6	1402.7	942.1
-5°	39593.3	28227.6	20389.2	14929.6	11835.2	9185.5	6830.9	4618.0	2580.3	1426.4	966.3
-7.5°	36681.2	26127.5	18584.6	13741.0	10964.8	8594.2	6439.1	4415.0	2549.1	1409.8	970.2
-10°	32889.7	24161.8	17605.1	13388.5	10446.1	7953.2	5991.3	4130.0	2419.3	1362.2	966.8
-12.5°	30135.4	22194.2	16416.0	13014.8	10312.0	7820.9	5728.3	3796.5	2179.7	1281.1	955.7
-15°	26444.4	20174.5	15663.0	12514.7	9979.1	7508.5	5390.3	3384.6	1808.2	1154.7	936.8
-17.5°	22381.3	17875.6	14311.2	11321.0	8941.1	6951.6	4834.6	2909.8	1540.7	1024.0	887.7
-20°	18033.9	15025.0	12323.9	9753.4	7511.0	5629.5	3919.5	2271.1	1310.2	956.8	832.4



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14363.4	12096.8	9784.2	7748.6	5895.4	4265.3	2819.9	1591.8	1023.8	882.8	768.8
-25°	10734.5	9106.0	7257.9	5836.2	4317.4	2905.9	1836.5	1218.0	919.1	805.5	697.6
-27.5°	7858.5	6532.7	5349.8	4228.4	3018.2	1966.7	1271.7	919.1	824.3	727.2	627.2
-30°	5912.3	4965.8	3958.9	2981.9	2076.8	1320.6	930.5	819.4	740.9	655.6	566.8
-32.5°	4413.0	3611.6	2767.3	2002.8	1351.3	978.4	825.2	729.9	666.7	592.7	524.4
-35°	3047.1	2416.6	1757.4	1301.2	956.7	839.6	753.7	676.8	601.2	537.0	486.8
-37.5°	1907.9	1459.8	1171.3	915.1	839.6	765.9	697.0	620.6	544.9	497.4	454.1
-40°	1208.5	965.9	893.5	825.6	765.3	706.2	632.7	559.5	508.9	461.4	423.6
-42.5°	912.8	858.3	804.2	753.0	696.9	630.4	566.4	518.6	473.6	432.7	400.4
-45°	820.1	776.0	729.1	674.0	614.4	565.7	520.4	479.6	440.8	410.7	379.7
-47.5°	732.5	687.3	639.0	597.6	556.7	516.5	480.0	443.8	420.0	391.8	352.4
-50°	640.5	610.5	576.8	541.4	509.1	475.7	450.5	427.3	399.6	364.1	322.4
-52.5°	584.8	560.1	531.9	499.9	476.8	457.6	435.5	404.4	372.0	329.8	284.6
-55°	552.7	531.3	511.2	489.1	463.1	435.1	406.1	371.5	330.1	287.7	246.5
-57.5°	550.0	525.8	496.6	465.5	432.5	397.3	360.1	322.2	283.8	245.3	207.4
-60°	527.1	497.7	457.8	417.7	378.0	341.2	305.7	270.5	235.9	201.4	167.7
-62.5°	455.8	423.7	386.4	348.3	312.5	279.6	247.2	214.9	184.8	156.1	128.9
-65°	354.6	326.0	296.2	267.2	237.9	208.4	180.8	158.0	136.8	114.5	91.9
-67.5°	251.1	230.0	206.9	184.5	165.6	147.4	129.6	111.0	95.8	82.9	69.7
-70°	164.7	151.7	137.6	123.3	111.3	100.6	89.1	77.7	66.9	57.0	46.9
-72.5°	102.2	94.8	87.0	78.8	70.4	63.0	55.4	47.6	39.7	31.6	25.6
-75°	58.8	53.7	48.2	42.9	37.3	31.3	27.8	25.4	23.0	20.6	18.1
-77.5°	31.8	29.0	26.4	24.5	22.5	20.3	18.1	16.5	15.4	14.4	13.4
-80°	21.1	19.5	17.9	16.5	15.2	13.9	12.6	12.0	11.3	10.8	10.3
-82.5°	14.3	13.1	12.0	11.2	10.4	9.7	9.0	8.7	8.4	8.1	7.7
-85°	9.9	8.8	7.8	7.4	7.1	6.7	6.4	6.3	6.2	6.0	5.9
-87.5°	6.6	5.7	4.8	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.9
-90°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.7	3.1	3.4	3.7



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9
85°	3.8	3.9	3.9	3.9	4.1	4.3	4.6	4.9	4.9	4.9	4.9
82.5°	4.0	4.3	4.5	4.6	4.6	4.6	4.7	4.9	4.9	4.9	4.9
80°	4.1	4.4	4.7	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.1
77.5°	4.4	4.5	4.7	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.4
75°	4.9	4.8	4.8	4.9	5.0	4.9	4.9	5.0	5.3	5.6	5.7
72.5°	4.9	4.9	4.9	5.0	5.2	5.2	5.1	5.0	5.3	5.6	5.9
70°	5.7	5.1	4.9	5.1	5.4	5.6	5.6	5.4	5.4	5.6	5.9
67.5°	7.3	6.6	5.8	5.3	5.4	5.7	6.0	5.8	5.6	5.7	6.0
65°	9.2	8.1	7.2	6.3	5.8	5.8	6.1	6.1	5.9	5.8	6.0
62.5°	11.6	9.7	8.5	7.3	6.4	6.0	6.1	6.1	6.1	6.0	6.0
60°	14.2	11.4	9.8	8.5	7.1	6.2	6.1	6.1	6.1	6.1	6.1
57.5°	17.1	12.7	10.9	9.6	8.2	6.8	6.1	6.1	6.1	6.1	6.1
55°	18.9	14.4	12.0	10.4	9.1	7.7	6.4	6.1	6.1	6.1	6.1
52.5°	18.7	15.5	13.3	11.2	9.7	8.6	7.2	6.1	6.1	6.1	6.1
50°	16.9	15.9	14.0	11.9	10.2	9.0	7.9	6.6	6.1	6.1	6.1
47.5°	16.2	16.1	14.5	12.4	10.5	9.4	8.4	7.2	6.1	6.1	6.1
45°	15.9	16.7	15.2	12.9	10.8	9.8	8.7	7.6	6.5	6.1	6.1
42.5°	16.2	17.5	16.6	13.5	11.9	10.1	9.0	7.9	6.8	6.2	6.1
40°	20.8	18.8	18.3	16.6	13.4	10.5	9.3	8.2	7.1	6.4	6.2
37.5°	26.8	23.0	20.3	22.2	16.2	12.1	9.6	8.4	7.5	6.8	6.4
35°	39.7	29.6	28.0	29.6	23.0	14.0	9.9	8.6	7.9	7.1	6.5
32.5°	55.8	44.4	42.4	38.4	31.6	16.1	11.0	9.2	8.2	7.4	6.7
30°	79.5	71.5	60.5	49.2	41.5	24.0	13.3	10.0	8.6	7.7	6.9
27.5°	115.4	101.7	83.0	65.7	51.8	33.5	16.2	11.0	9.0	8.0	7.1
25°	156.9	135.8	111.6	85.9	63.3	46.6	19.3	12.2	9.6	8.3	7.4
22.5°	207.6	172.4	142.1	108.2	80.7	61.4	26.3	14.8	10.5	8.6	7.6
20°	260.4	210.8	174.9	133.0	101.6	76.1	37.7	17.3	11.4	8.9	7.8
17.5°	315.4	259.8	214.4	162.5	123.0	91.8	49.8	20.0	12.4	9.1	8.0
15°	389.5	322.4	257.6	193.6	143.4	108.3	62.3	22.6	13.4	9.4	8.3
12.5°	467.7	387.7	303.3	225.8	162.8	125.3	75.1	25.1	14.5	10.1	8.5
10°	545.3	454.5	350.5	258.3	181.1	142.4	87.6	28.6	16.8	11.2	8.8
7.5°	621.4	521.2	398.0	290.3	200.7	164.6	108.2	34.4	19.4	12.3	9.1
5°	690.2	580.8	444.9	329.5	232.0	191.9	129.9	40.3	22.0	13.5	9.3
2.5°	733.9	627.0	488.8	367.2	262.5	218.2	150.7	46.0	24.5	14.7	9.6
0°	773.0	668.0	528.8	401.8	291.9	243.0	169.7	51.3	26.9	15.9	9.8
-2.5°	797.8	692.1	550.7	429.2	322.3	270.3	192.8	66.4	35.6	20.5	11.7
-5°	818.5	710.9	569.0	453.7	351.3	295.5	212.6	80.5	43.9	24.9	13.5
-7.5°	826.1	714.6	578.5	473.0	378.7	318.6	228.6	93.5	51.6	28.9	15.2
-10°	826.2	706.7	575.4	472.7	385.3	328.3	238.2	104.9	58.4	32.4	16.7
-12.5°	820.3	693.3	569.5	469.2	386.5	325.6	231.2	112.4	64.2	35.4	17.9
-15°	808.1	674.6	561.1	462.3	385.7	321.3	222.6	117.3	68.7	37.9	18.9
-17.5°	783.4	650.4	550.4	452.2	382.8	315.3	212.7	120.6	72.0	39.9	19.9
-20°	724.9	615.5	537.4	438.7	377.6	307.8	201.9	122.1	74.0	41.1	20.9



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	663.5	575.4	504.1	429.9	369.0	298.8	190.6	121.8	74.7	41.3	21.6
-25°	600.3	534.5	468.1	409.5	356.6	281.9	184.1	119.7	73.9	40.6	21.8
-27.5°	549.5	493.6	433.4	389.2	336.3	265.6	180.7	118.4	72.2	38.9	21.6
-30°	503.8	455.6	408.2	368.1	315.7	242.4	174.8	115.3	70.1	37.8	21.0
-32.5°	468.2	420.5	385.9	344.6	290.3	218.9	162.2	110.2	66.6	37.0	20.5
-35°	439.6	396.7	364.0	321.2	262.9	200.4	146.7	102.9	61.6	35.5	19.8
-37.5°	411.6	378.6	338.8	295.0	235.7	180.3	132.4	91.6	55.0	33.4	18.6
-40°	391.8	357.5	316.2	265.6	211.0	158.7	116.9	80.7	50.7	30.7	17.0
-42.5°	371.0	332.1	287.6	236.8	185.8	140.4	100.9	69.1	45.9	28.1	15.0
-45°	342.7	303.0	256.1	208.2	160.0	121.2	87.6	57.9	40.5	25.2	13.3
-47.5°	311.5	268.6	224.6	179.1	138.0	102.3	73.7	51.5	34.8	21.8	12.3
-50°	274.5	234.3	193.2	153.4	115.7	86.6	61.0	44.6	29.9	17.6	11.1
-52.5°	240.6	200.9	163.8	128.1	97.1	70.4	52.9	37.4	24.7	14.9	9.8
-55°	206.1	169.0	135.4	105.1	78.3	59.4	44.3	31.0	19.1	12.9	8.3
-57.5°	171.6	137.6	108.8	82.6	63.9	49.4	36.0	24.1	15.7	10.7	8.1
-60°	136.2	108.0	82.2	66.1	52.4	39.5	27.8	18.1	12.9	8.7	7.9
-62.5°	102.7	80.0	65.9	53.2	40.8	29.4	19.9	14.5	9.8	8.4	7.6
-65°	77.1	63.6	51.3	39.7	28.8	20.4	15.4	10.7	8.9	8.1	7.4
-67.5°	57.4	46.1	35.5	25.6	20.0	15.4	10.8	9.2	8.5	7.7	7.4
-70°	36.9	27.7	22.5	18.6	14.5	10.9	9.6	8.8	8.1	7.6	7.4
-72.5°	22.5	19.4	16.1	12.9	11.3	10.0	9.0	8.3	7.8	7.5	7.3
-75°	15.3	13.7	12.4	11.1	9.9	9.0	8.4	7.9	7.5	7.3	7.0
-77.5°	12.2	11.1	10.1	9.4	8.7	8.2	7.7	7.4	7.2	6.9	6.7
-80°	9.6	9.0	8.5	8.0	7.6	7.3	7.1	6.9	6.7	6.5	6.3
-82.5°	7.4	7.2	7.0	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0
-85°	5.9	6.0	6.1	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6
-87.5°	5.1	5.3	5.4	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3
-90°	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	5.2	5.0	4.9	4.9	4.9	4.9	4.9
75°	5.5	5.2	4.9	4.9	4.9	4.9	4.9
72.5°	5.8	5.5	5.1	4.9	4.9	4.9	4.9
70°	6.1	5.7	5.3	4.9	4.9	4.9	4.9
67.5°	6.1	6.0	5.5	5.1	4.9	4.9	4.9
65°	6.1	6.1	5.7	5.2	4.9	4.9	4.9
62.5°	6.1	6.1	5.9	5.4	4.9	4.9	4.9
60°	6.1	6.1	6.1	5.5	4.9	4.9	4.9
57.5°	6.1	6.1	6.1	5.6	5.0	4.9	4.9
55°	6.1	6.1	6.1	5.8	5.1	4.9	4.9
52.5°	6.1	6.1	6.1	5.9	5.2	4.9	4.9
50°	6.1	6.1	6.1	6.0	5.2	4.9	4.9
47.5°	6.1	6.1	6.1	6.1	5.3	4.9	4.9
45°	6.1	6.1	6.1	6.1	5.4	4.9	4.9
42.5°	6.1	6.1	6.1	6.1	5.5	4.9	4.9
40°	6.1	6.1	6.1	6.1	5.5	4.9	4.9
37.5°	6.1	6.1	6.1	6.1	5.6	4.9	4.9
35°	6.1	6.1	6.1	6.1	5.7	4.9	4.9
32.5°	6.1	6.1	6.1	6.1	5.7	4.9	4.9
30°	6.3	6.1	6.1	6.1	5.8	4.9	4.9
27.5°	6.4	6.1	6.1	6.1	5.8	4.9	4.9
25°	6.5	6.1	6.1	6.1	5.9	4.9	4.9
22.5°	6.7	6.1	6.1	6.1	5.9	4.9	4.9
20°	6.8	6.2	6.1	6.1	6.0	4.9	4.9
17.5°	7.0	6.3	6.1	6.1	6.0	4.9	4.9
15°	7.1	6.4	6.1	6.1	6.0	4.9	4.9
12.5°	7.2	6.6	6.1	6.1	6.0	4.9	4.9
10°	7.2	6.7	6.1	6.1	6.1	4.9	4.9
7.5°	7.3	6.9	6.1	6.1	6.1	4.9	4.9
5°	7.3	7.0	6.1	6.1	6.1	4.9	4.9
2.5°	7.3	7.2	6.1	6.1	6.1	4.9	4.9
0°	7.3	7.3	6.1	6.1	6.1	4.9	4.9
-2.5°	8.0	7.3	6.1	6.1	6.1	4.9	4.9
-5°	8.6	7.3	6.1	6.1	6.1	4.9	4.9
-7.5°	9.2	7.2	6.1	6.1	6.1	4.9	4.9
-10°	9.7	7.2	6.1	6.1	6.1	4.9	4.9
-12.5°	10.1	7.2	6.1	6.1	6.0	4.9	4.9
-15°	10.4	7.1	6.1	6.1	6.0	4.9	4.9
-17.5°	10.5	7.0	6.1	6.1	6.0	4.9	4.9
-20°	10.8	6.9	6.1	6.1	6.0	4.9	4.9



REPORT NUMBER: P1305462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.2	6.8	6.1	6.1	5.9	4.9	4.9
-25°	11.4	6.9	6.1	6.1	5.9	4.9	4.9
-27.5°	11.4	7.0	6.1	6.1	5.8	4.9	4.9
-30°	11.0	7.1	6.1	6.1	5.8	4.9	4.9
-32.5°	10.4	7.0	6.2	6.1	5.7	4.9	4.9
-35°	10.1	6.9	6.2	6.1	5.7	4.9	4.9
-37.5°	10.0	6.7	6.3	6.1	5.6	4.9	4.9
-40°	9.6	6.8	6.3	6.1	5.5	4.9	4.9
-42.5°	9.1	6.8	6.3	6.1	5.5	4.9	4.9
-45°	8.5	6.8	6.4	6.1	5.4	4.9	4.9
-47.5°	7.7	6.8	6.4	6.2	5.3	4.9	4.9
-50°	7.5	6.8	6.4	6.1	5.2	4.9	4.9
-52.5°	7.5	6.7	6.5	6.0	5.2	4.9	4.9
-55°	7.4	6.7	6.5	5.9	5.1	4.9	4.9
-57.5°	7.2	6.8	6.5	5.8	5.0	4.9	4.9
-60°	7.1	6.8	6.5	5.7	4.9	4.9	4.9
-62.5°	7.1	6.8	6.4	5.6	4.9	4.9	4.9
-65°	7.1	6.9	6.2	5.4	4.9	4.9	4.9
-67.5°	7.2	6.8	6.0	5.3	4.9	4.9	4.9
-70°	7.2	6.5	5.9	5.2	4.9	4.9	4.9
-72.5°	7.0	6.3	5.7	5.1	4.9	4.9	4.9
-75°	6.7	6.1	5.5	5.1	4.9	4.9	4.9
-77.5°	6.4	5.9	5.4	5.1	4.9	4.9	4.9
-80°	6.1	5.7	5.3	5.0	4.9	4.9	4.9
-82.5°	5.8	5.5	5.2	5.0	4.9	4.9	4.9
-85°	5.5	5.3	5.1	5.0	4.9	4.9	4.9
-87.5°	5.2	5.1	5.0	4.9	4.9	4.9	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)