

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: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

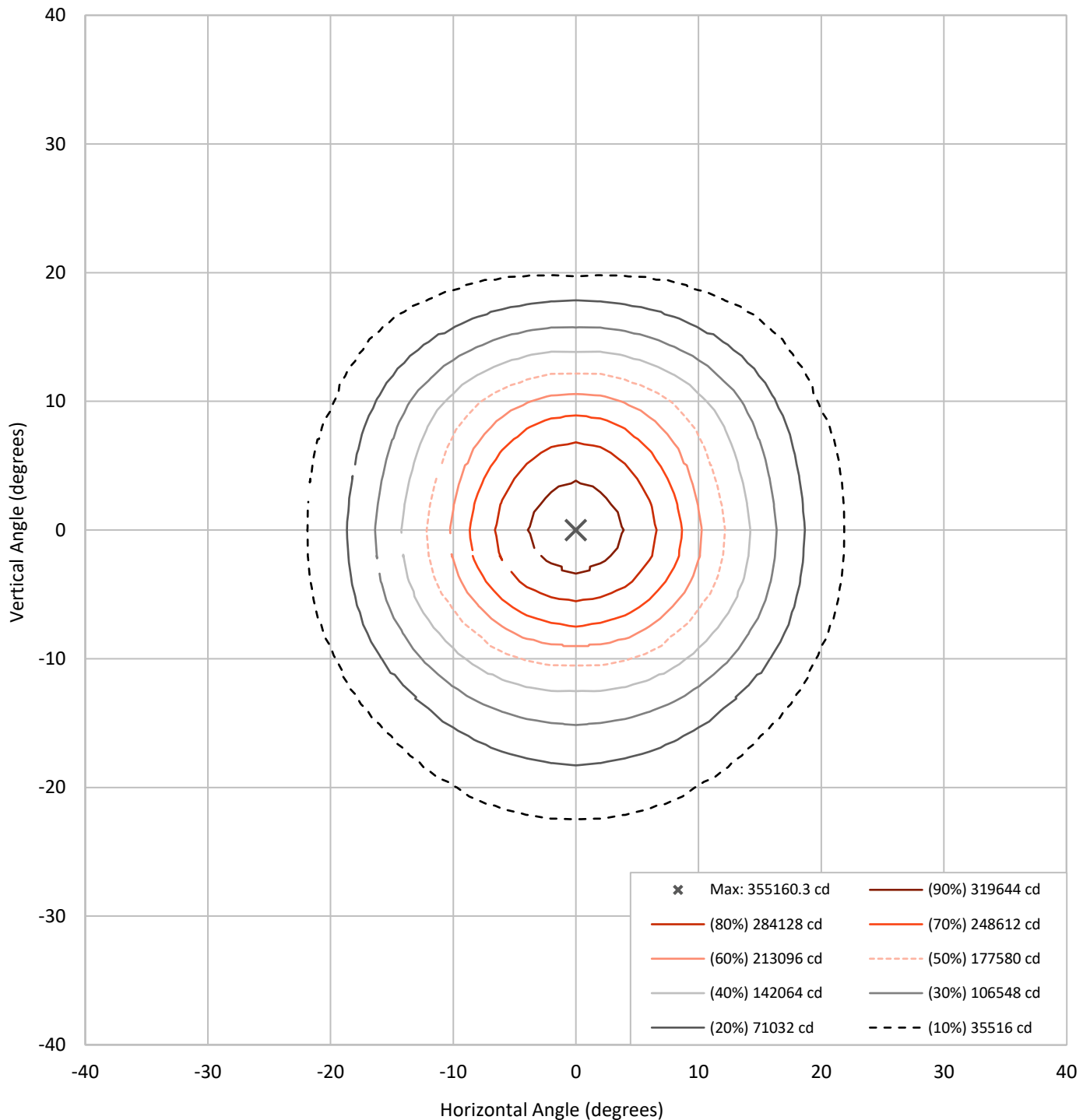
Test Method: LM-79-08
Report Number: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	73609.8 lumens	Max Intensity:	355160.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	34710.5 lumens	Field Lumens:	62706 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	648		
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: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

Iso-Candela Plot





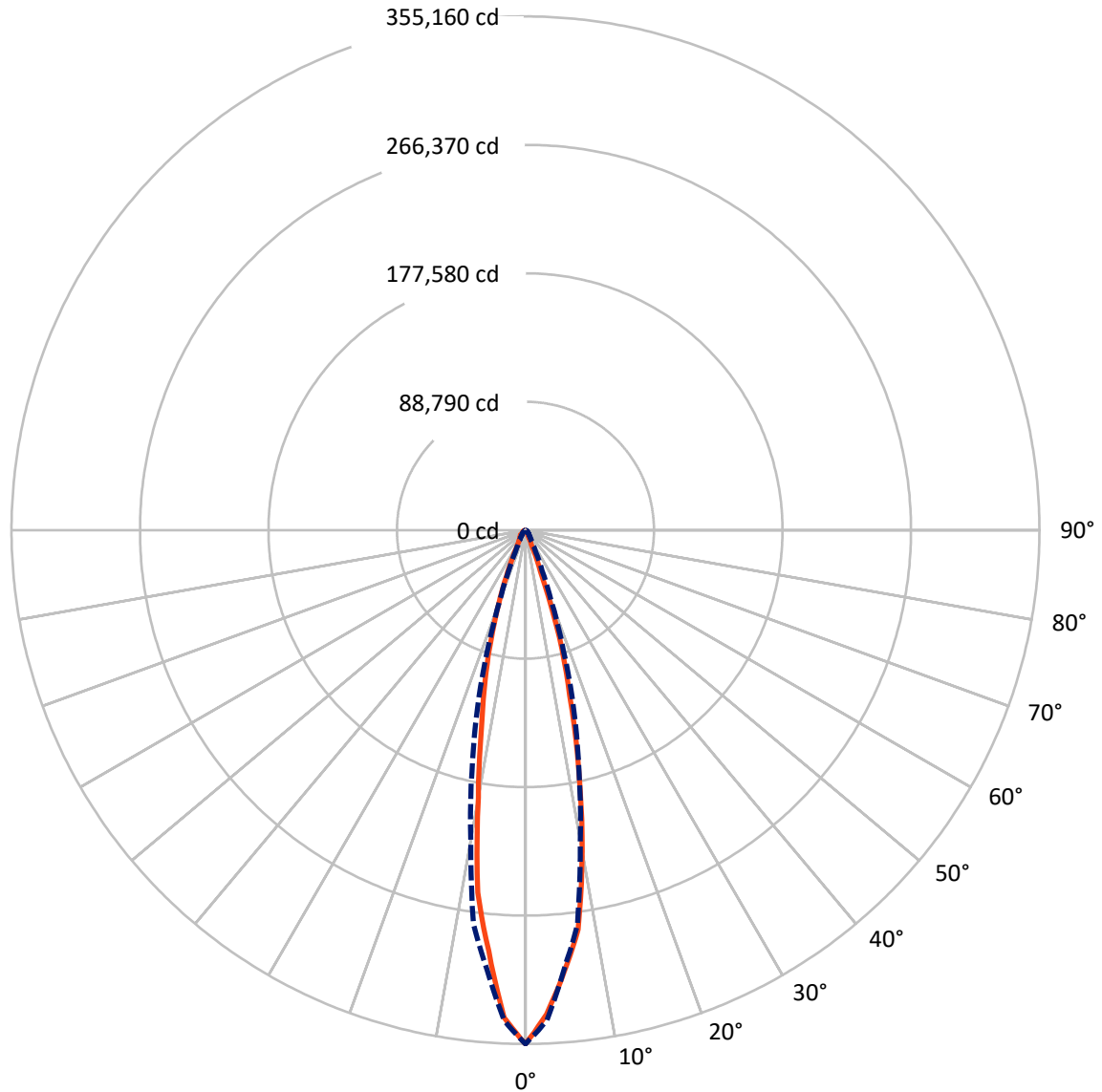
REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

Lumen Table

90	0.1	0.2	0.4	0.5	0.5	0.5	0.4	0.2	0.1									
80	0.1	0.2	0.4	0.5	0.5	0.5	0.4	0.2	0.1									
70	0.1	0.1	0.2	0.6	0.8	0.5	0.4	0.4	0.4	0.4	0.5	0.8	0.6	0.2	0.1	0.1		
60		0.1	0.4	0.8	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.8	0.4	0.1			
50	0.2	0.2	0.6	0.6	0.7	1.1	1.9	1.3	1.3	1.9	1.1	0.7	0.6	0.6	0.2	0.2		
40		0.4	1.2	2.9	5.2	7.5	10.3	12.3	12.3	10.3	7.5	5.2	2.9	1.2	0.4			
30	0.2	0.7	5.0	15.7	36.3	60.4	124.2	239.0	239.0	124.2	60.4	36.3	15.7	5.0	0.7	0.2		
20		1.5	10.7	40.0	96.8	256.2	1410.7	3329.1	3329.1	1410.7	256.2	96.8	40.0	10.7	1.5			
10	0.4	2.3	14.2	53.2	124.5	546.4	3381.9	7931.3	7931.3	3381.9	546.4	124.5	53.2	14.2	2.3	0.4		
0		2.9	15.3	54.1	124.8	541.1	3322.8	7600.6	7600.6	3322.8	541.1	124.8	54.1	15.3	2.9			
-10	0.6	3.4	14.4	44.9	98.1	258.3	1347.2	3040.6	3040.6	1347.2	258.3	98.1	44.9	14.4	3.4	0.6		
-20		3.6	13.4	33.6	83.6	146.4	335.2	685.3	685.3	335.2	146.4	83.6	33.6	13.4	3.6			
-30	0.5	3.2	11.5	25.5	61.7	121.0	170.0	208.9	208.9	170.0	121.0	61.7	25.5	11.5	3.2	0.5		
-40		2.3	8.8	20.1	37.5	66.5	108.9	139.4	139.4	108.9	66.5	37.5	20.1	8.8	2.3			
-50	0.3	1.1	5.3	13.5	25.5	39.4	52.7	61.0	61.0	52.7	39.4	25.5	13.5	5.3	1.1	0.3		
-60		0.4	1.8	5.8	11.9	18.9	25.8	29.7	29.7	25.8	18.9	11.9	5.8	1.8	0.4			
-70	0.2	1.1	3.8	9.7	13.1	9.7	3.8	1.1	0.2							0.2		
-80		0.2	1.1	3.8	9.7	13.1	9.7	3.8	1.1	0.2								
-90	0.2	1.1	3.8	9.7	13.1	9.7	3.8	1.1	0.2									

REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

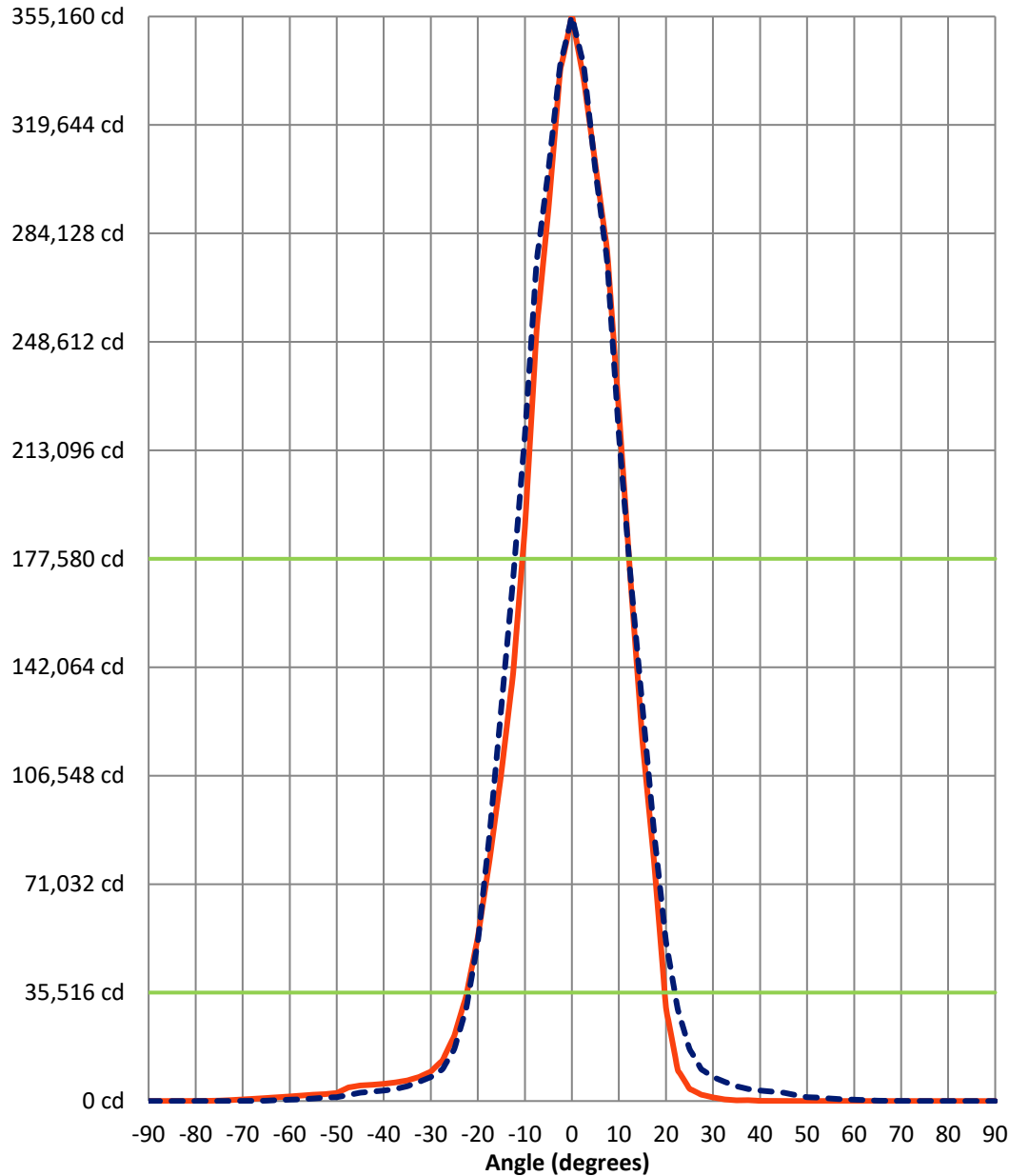
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 34710.5
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 62706
Efficiency: 85.2%

Spill:
Lumens: 10903.8
Efficiency: 14.8%

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



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.6	4.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.7	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.6
85°	3.6	3.8	3.9	4.0	3.9	3.8	3.6	3.6	3.6	3.6	3.6
82.5°	3.6	3.8	4.1	4.1	4.1	3.9	3.6	3.6	3.6	3.7	3.6
80°	3.6	3.9	4.2	4.3	4.2	4.0	3.7	3.9	3.9	3.9	3.6
77.5°	3.6	4.0	4.4	4.5	4.4	4.2	4.2	4.3	4.3	4.1	3.7
75°	3.6	4.1	4.5	4.7	4.6	4.5	4.6	4.7	4.6	4.2	3.7
72.5°	3.6	4.1	4.7	4.9	4.7	4.8	5.0	5.1	4.7	4.2	3.8
70°	3.6	4.2	4.8	5.0	4.9	5.0	5.4	5.1	4.7	4.3	4.3
67.5°	3.6	4.3	5.0	5.1	5.0	5.3	5.4	5.2	4.8	4.7	5.0
65°	3.6	4.4	5.1	5.2	5.2	5.4	5.4	5.2	5.0	5.1	5.4
62.5°	3.6	4.4	5.3	5.2	5.3	5.4	5.4	5.3	5.2	5.5	5.6
60°	3.6	4.5	5.4	5.3	5.4	5.4	5.4	5.4	5.4	5.8	5.9
57.5°	3.6	4.6	5.4	5.3	5.4	5.4	5.5	5.4	5.7	6.2	6.2
55°	3.6	4.6	5.4	5.3	5.4	5.4	5.6	5.5	6.2	6.6	6.6
52.5°	3.6	4.7	5.4	5.4	5.4	5.4	5.7	6.0	6.7	7.1	7.1
50°	3.6	4.8	5.4	5.4	5.4	5.6	5.9	6.5	7.2	7.7	9.5
47.5°	3.6	4.8	5.4	5.4	5.4	5.8	6.1	7.0	7.8	8.3	11.9
45°	3.6	4.9	5.4	5.4	5.4	6.0	6.6	7.5	8.4	10.2	14.1
42.5°	3.6	4.9	5.4	5.4	5.4	6.2	7.0	8.0	8.9	11.9	18.2
40°	3.6	5.0	5.4	5.4	5.5	6.4	7.4	8.4	9.7	13.4	22.5
37.5°	3.6	5.0	5.4	5.4	5.7	6.7	7.8	8.9	10.9	15.4	26.5
35°	3.6	5.1	5.4	5.4	5.9	6.9	8.1	9.3	12.0	19.1	29.8
32.5°	3.6	5.1	5.4	5.4	6.0	7.3	8.5	9.7	13.0	22.8	32.8
30°	3.6	5.2	5.4	5.4	6.2	7.5	8.9	10.3	13.9	26.5	35.8
27.5°	3.6	5.2	5.4	5.4	6.4	7.8	9.2	11.0	15.5	30.1	38.9
25°	3.6	5.2	5.4	5.4	6.5	8.1	9.5	11.7	18.4	33.0	42.3
22.5°	3.6	5.3	5.4	5.4	6.6	8.3	9.8	12.2	21.1	35.6	48.2
20°	3.6	5.3	5.4	5.4	6.8	8.4	10.1	12.7	23.8	38.1	54.5
17.5°	3.6	5.3	5.4	5.4	6.9	8.6	10.4	13.2	26.2	40.6	61.2
15°	3.6	5.3	5.4	5.4	7.0	8.7	10.7	13.7	28.5	43.0	68.0
12.5°	3.6	5.4	5.4	5.4	7.0	8.8	11.1	14.5	31.2	45.3	74.9
10°	3.6	5.4	5.4	5.4	7.1	8.9	11.4	15.3	34.1	49.1	82.5
7.5°	3.6	5.4	5.4	5.4	7.1	8.9	11.7	16.0	36.8	52.9	92.0
5°	3.6	5.4	5.4	5.4	7.2	9.0	12.0	16.7	39.3	56.6	101.1
2.5°	3.6	5.4	5.4	5.4	7.2	9.0	12.3	17.4	41.5	60.0	109.6
0°	3.6	5.4	5.4	5.4	7.2	9.0	12.6	18.0	43.3	63.2	117.3
-2.5°	3.6	5.4	5.5	5.6	7.5	9.8	14.8	23.6	53.2	79.4	138.2
-5°	3.6	5.4	5.6	5.9	7.8	10.5	16.8	29.0	62.6	95.0	157.7
-7.5°	3.6	5.4	5.6	6.1	8.1	11.3	18.7	34.1	71.1	109.5	175.6
-10°	3.6	5.4	5.7	6.3	8.4	11.9	20.5	38.7	78.7	122.9	191.8
-12.5°	3.6	5.4	5.8	6.5	8.6	12.5	22.0	42.6	85.1	134.8	208.1
-15°	3.6	5.3	5.8	6.7	8.8	13.0	23.3	45.8	90.9	145.5	222.6
-17.5°	3.6	5.3	5.9	6.9	9.0	13.4	24.2	48.8	95.9	154.6	233.7
-20°	3.6	5.3	5.9	7.1	9.2	13.7	25.1	51.4	99.3	161.7	241.0



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.6	5.3	6.0	7.2	9.4	13.9	25.9	52.8	100.9	166.7	244.3
-25°	3.6	5.3	6.0	7.4	9.6	14.1	26.2	53.1	100.6	169.5	243.3
-27.5°	3.6	5.2	6.0	7.5	9.7	14.2	25.8	52.1	98.3	169.6	245.6
-30°	3.6	5.2	6.1	7.6	9.9	14.1	24.7	49.7	96.1	166.6	245.2
-32.5°	3.6	5.2	6.1	7.6	9.9	13.9	23.0	48.1	93.3	160.8	241.7
-35°	3.6	5.2	6.1	7.7	10.0	13.5	22.1	46.0	88.5	152.2	235.0
-37.5°	3.6	5.1	6.0	7.7	10.0	13.1	21.5	42.8	81.8	140.8	220.0
-40°	3.6	5.1	6.0	7.7	9.9	13.1	20.7	38.5	73.0	130.1	201.4
-42.5°	3.6	5.1	6.0	7.6	9.8	13.0	19.6	33.1	65.6	116.4	180.0
-45°	3.6	5.1	5.9	7.5	9.7	12.8	18.3	28.8	58.1	100.4	156.9
-47.5°	3.6	5.0	5.9	7.4	9.6	12.5	16.7	26.9	49.2	82.7	136.5
-50°	3.6	5.0	5.8	7.3	9.5	12.2	16.0	24.6	38.6	70.3	113.9
-52.5°	3.6	5.0	5.7	7.2	9.3	11.8	15.5	21.9	32.8	56.9	90.1
-55°	3.6	4.9	5.6	7.0	9.0	11.5	14.8	19.2	29.2	42.5	73.4
-57.5°	3.6	4.9	5.5	6.9	8.8	11.1	14.1	18.2	25.3	35.6	55.6
-60°	3.6	4.9	5.4	6.7	8.5	10.7	13.3	17.1	21.7	30.8	41.1
-62.5°	3.6	4.9	5.4	6.5	8.2	10.3	12.7	15.9	20.3	25.7	35.2
-65°	3.6	4.8	5.4	6.3	7.9	9.8	12.0	14.8	18.7	23.1	29.0
-67.5°	3.6	4.8	5.4	6.1	7.5	9.3	11.3	13.9	17.1	21.1	25.4
-70°	3.6	4.8	5.4	5.8	7.1	8.7	10.6	13.0	15.9	19.0	23.0
-72.5°	3.6	4.7	5.4	5.7	6.7	8.2	9.8	12.0	14.6	17.5	20.5
-75°	3.6	4.7	5.4	5.7	6.3	7.6	9.0	11.0	13.3	15.8	18.5
-77.5°	3.6	4.7	5.4	5.7	6.1	6.9	8.1	9.9	11.9	14.1	16.5
-80°	3.6	4.6	5.4	5.6	6.0	6.5	7.3	8.8	10.5	12.4	14.3
-82.5°	3.6	4.6	5.4	5.6	5.9	6.3	6.8	7.8	9.0	10.6	12.2
-85°	3.6	4.6	5.4	5.5	5.7	6.0	6.3	7.0	7.8	8.8	9.9
-87.5°	3.6	4.5	5.4	5.5	5.6	5.7	5.9	6.2	6.6	7.1	7.7
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	3.2	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	3.2	2.7	2.4	2.1	2.1	2.1	2.0	1.8	1.8	1.8	1.8
82.5°	3.3	3.2	3.1	3.1	2.9	2.7	2.3	2.1	2.1	2.1	2.0
80°	3.5	3.6	3.6	3.6	3.4	3.2	3.2	3.3	3.1	2.9	2.6
77.5°	3.6	3.6	3.6	3.6	3.6	3.8	4.0	4.5	4.5	4.3	4.1
75°	3.6	3.6	3.7	3.7	3.8	4.2	4.8	5.3	5.2	5.1	5.1
72.5°	3.9	4.1	4.1	3.8	4.2	4.8	5.2	5.4	6.5	7.9	8.9
70°	4.6	4.7	4.6	4.7	5.1	5.8	7.7	10.2	12.8	14.6	17.0
67.5°	5.3	5.1	5.1	5.6	6.9	9.0	11.8	18.2	25.3	28.1	29.5
65°	5.4	5.3	5.8	7.0	8.8	14.1	21.1	29.4	38.1	40.0	39.9
62.5°	5.4	5.7	6.6	9.3	14.4	21.1	30.2	39.4	48.5	47.0	41.5
60°	5.6	5.8	9.1	14.4	20.5	29.4	39.4	44.3	47.2	46.9	40.4
57.5°	5.8	7.9	13.4	20.2	28.8	36.5	39.7	42.6	44.4	45.8	38.0
55°	7.3	11.5	18.5	27.5	34.5	36.0	37.9	38.9	40.4	37.5	29.0
52.5°	10.6	15.7	24.8	32.8	35.8	35.4	33.7	33.8	31.3	27.3	23.1
50°	13.7	21.6	30.3	35.2	36.6	33.9	29.2	27.7	25.1	21.8	18.9
47.5°	18.3	27.4	33.6	37.7	36.8	33.0	27.4	24.0	21.3	20.4	17.5
45°	23.4	31.4	37.3	39.0	37.1	32.2	27.7	21.6	22.9	22.7	22.4
42.5°	28.3	34.8	39.7	41.1	37.1	33.9	29.9	28.5	28.3	31.8	34.3
40°	31.5	38.0	42.6	43.0	38.6	37.8	40.5	42.2	40.6	46.7	51.9
37.5°	34.3	41.3	47.0	49.2	43.6	48.1	54.9	73.9	75.7	64.8	83.0
35°	36.9	45.2	55.9	64.3	64.0	64.5	93.6	122.5	136.0	119.0	134.8
32.5°	40.2	49.6	68.1	90.1	108.2	111.1	142.7	201.5	229.1	230.2	228.0
30°	44.9	61.2	87.2	123.4	169.2	213.7	237.8	302.4	346.7	422.6	480.0
27.5°	51.5	76.2	119.3	179.6	252.0	340.3	394.0	431.4	540.7	682.5	835.4
25°	59.1	106.3	156.5	251.8	374.7	486.9	555.5	600.4	791.2	1072.6	1269.4
22.5°	75.4	145.2	210.7	333.8	513.4	639.5	711.9	856.6	1152.5	1530.2	1763.2
20°	103.8	192.7	274.5	408.5	655.3	795.7	864.2	1151.3	1608.1	1995.4	2316.4
17.5°	136.5	240.6	337.7	496.2	735.0	915.9	1032.3	1466.9	2093.4	2441.3	2809.0
15°	172.5	288.5	393.9	574.0	811.7	987.0	1238.8	1847.3	2537.4	2869.6	3249.0
12.5°	210.5	335.7	443.8	642.3	887.4	1052.8	1423.7	2118.6	2766.6	3216.4	3708.5
10°	249.4	381.9	487.7	701.2	960.4	1113.3	1597.4	2344.7	2887.7	3310.8	3885.1
7.5°	273.5	413.6	523.7	751.1	1029.1	1168.6	1755.9	2527.3	2973.7	3366.7	3909.2
5°	291.0	428.9	541.5	785.0	1077.0	1212.5	1885.3	2668.1	3029.6	3389.0	3866.4
2.5°	303.9	440.8	556.4	810.5	1106.5	1242.7	1946.1	2722.3	3066.6	3416.4	3872.7
0°	312.2	449.3	568.4	828.3	1126.0	1268.6	1977.8	2741.1	3089.4	3439.5	3937.5
-2.5°	323.2	461.7	587.4	846.4	1131.0	1274.3	1982.4	2733.7	3102.5	3494.8	4007.5
-5°	330.6	470.6	602.5	856.6	1127.4	1275.1	1957.5	2694.6	3083.6	3481.2	3980.5
-7.5°	334.9	476.0	613.4	857.4	1108.1	1255.8	1872.6	2571.9	2977.7	3350.8	3841.6
-10°	338.4	483.7	623.7	842.9	1070.8	1222.2	1752.8	2426.2	2860.3	3203.9	3664.8
-12.5°	349.8	494.2	631.3	825.3	1032.5	1184.3	1606.2	2261.9	2733.5	3042.5	3474.1
-15°	357.8	502.6	635.8	806.1	995.5	1142.4	1434.0	2082.8	2636.9	2984.0	3354.0
-17.5°	362.4	509.4	637.4	786.6	961.7	1096.8	1244.6	1916.7	2560.0	2952.3	3293.9
-20°	363.8	514.9	636.3	768.2	931.9	1069.6	1202.6	1715.1	2371.9	2901.7	3240.8



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	362.1	519.3	634.7	759.7	912.7	1057.4	1186.6	1492.2	2123.6	2828.9	3172.9
-25°	361.0	513.2	634.3	747.9	891.0	1042.7	1169.9	1283.8	1844.4	2548.7	3081.6
-27.5°	358.7	503.6	621.5	729.1	863.9	1022.0	1150.3	1262.6	1587.2	2230.3	2938.1
-30°	350.7	478.0	604.0	705.6	836.5	987.0	1128.2	1247.1	1368.5	1905.4	2565.7
-32.5°	332.5	450.0	575.2	682.7	802.5	946.4	1096.7	1219.8	1343.0	1540.1	2166.4
-35°	313.3	423.5	541.5	654.3	761.3	899.8	1043.3	1183.3	1305.9	1434.8	1740.4
-37.5°	298.5	394.5	506.4	618.8	725.0	846.7	984.1	1125.7	1257.8	1390.8	1541.3
-40°	280.5	363.1	471.3	579.0	685.1	794.9	921.7	1055.6	1194.0	1347.1	1488.3
-42.5°	259.2	339.6	434.4	538.0	640.9	746.3	855.8	982.6	1127.3	1289.2	1438.5
-45°	232.4	312.9	396.5	493.7	593.1	693.5	797.6	907.4	1052.5	1207.2	1365.8
-47.5°	202.4	281.9	362.6	445.6	541.0	637.9	735.1	846.0	968.6	1112.6	1266.9
-50°	171.3	244.8	323.7	400.4	484.6	577.6	671.4	778.3	893.8	1013.7	1148.8
-52.5°	142.9	204.4	278.1	354.1	429.8	512.2	603.8	703.5	810.5	924.5	1035.7
-55°	112.0	167.0	228.1	300.7	375.2	448.7	527.5	618.9	717.3	821.5	925.5
-57.5°	87.0	128.3	180.9	241.4	312.1	385.2	455.2	528.1	614.3	707.7	798.7
-60°	65.2	94.7	134.6	185.9	242.7	310.1	379.9	447.4	515.8	584.7	665.2
-62.5°	45.3	68.2	95.8	131.3	180.0	232.7	293.8	358.1	423.3	482.7	541.5
-65°	38.0	45.7	64.7	90.6	118.0	162.6	211.6	262.9	320.1	371.4	424.2
-67.5°	30.4	37.4	44.3	54.6	78.2	104.0	131.8	175.1	219.7	256.6	294.4
-70°	26.6	29.7	35.3	41.4	47.3	57.8	80.3	104.5	128.6	152.6	183.5
-72.5°	23.4	26.0	28.8	31.8	36.7	41.7	46.8	51.9	65.4	83.7	100.7
-75°	20.5	22.3	24.5	27.0	29.4	31.7	34.2	38.4	42.6	46.8	51.0
-77.5°	17.9	19.3	20.7	22.3	24.1	26.1	28.0	29.9	31.6	33.3	35.1
-80°	15.3	16.2	17.2	18.3	19.5	20.8	22.2	23.6	24.8	25.9	27.0
-82.5°	12.9	13.5	14.1	14.7	15.2	15.8	16.4	17.3	18.1	18.9	19.6
-85°	10.4	10.8	11.2	11.6	12.0	12.3	12.7	13.0	13.4	13.7	14.0
-87.5°	8.1	8.5	8.9	9.3	9.4	9.5	9.6	9.7	9.9	10.0	10.1
-90°	3.2	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.2	7.7	8.1	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	2.4	2.3	2.2	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	3.9	3.6	3.4	3.1	2.8	2.7	2.5	2.2	1.9	1.8	1.8
75°	5.2	5.3	5.4	5.1	4.6	4.2	4.0	3.6	3.3	3.3	3.4
72.5°	9.5	9.5	9.1	9.1	8.5	8.3	8.3	8.2	7.9	8.1	8.4
70°	18.5	19.0	18.6	17.4	15.4	14.0	13.2	12.2	10.9	10.7	11.3
67.5°	29.1	27.8	26.1	23.9	20.7	17.9	16.5	15.2	13.9	13.7	14.0
65°	37.0	31.4	27.6	24.4	21.8	19.2	17.5	15.7	14.0	13.1	12.9
62.5°	35.7	29.4	25.1	22.2	19.8	17.7	15.5	13.4	11.4	10.1	10.2
60°	33.6	26.5	21.0	18.2	16.1	14.5	12.6	11.0	9.7	9.0	9.1
57.5°	28.5	20.8	15.9	14.7	13.2	11.5	10.3	9.7	9.2	9.0	9.0
55°	22.0	17.6	14.7	13.1	11.5	10.0	9.1	9.3	9.3	9.0	9.4
52.5°	18.1	15.5	13.5	12.0	11.3	10.8	10.7	10.7	10.9	11.2	11.4
50°	16.2	14.4	13.5	12.4	12.4	12.4	12.4	13.0	13.5	13.7	13.5
47.5°	16.3	15.6	16.5	14.3	14.7	16.1	16.1	16.3	17.4	17.8	17.6
45°	20.6	24.9	25.0	23.0	21.9	26.6	27.0	24.4	37.4	36.6	27.8
42.5°	36.8	39.3	39.5	41.7	46.2	60.7	87.6	111.9	115.6	101.6	69.7
40°	59.5	57.4	62.0	74.4	110.3	143.0	167.8	241.9	241.2	188.8	190.2
37.5°	96.8	94.6	101.6	139.2	150.8	130.4	183.6	188.8	161.7	192.7	195.4
35°	166.7	189.0	164.8	204.5	206.5	184.7	198.2	221.2	188.6	225.7	241.8
32.5°	303.9	343.2	347.0	343.9	364.4	384.4	372.7	428.6	438.6	475.7	516.5
30°	493.7	569.5	627.4	616.3	650.2	709.9	729.4	814.7	899.8	952.5	1081.8
27.5°	860.5	898.7	1017.3	1100.9	1081.5	1179.0	1372.4	1432.2	1676.2	1793.0	1961.2
25°	1362.5	1430.4	1599.5	1797.7	1882.6	2045.9	2360.1	2510.4	2830.9	2994.5	3611.3
22.5°	1984.6	2214.4	2426.6	2692.9	3075.3	3399.9	3749.2	4336.2	5290.0	6660.3	8296.3
20°	2694.8	3080.1	3400.8	3893.0	4526.7	5137.3	6040.8	8645.8	11412.4	17183.2	21104.0
17.5°	3366.7	3978.3	4426.5	5080.1	6016.1	7544.6	10656.9	16479.6	25630.7	36809.7	47480.8
15°	3891.0	4516.1	5346.9	6333.4	7763.1	10754.3	16439.2	27948.3	45395.7	62430.0	80352.9
12.5°	4334.1	4995.2	5905.8	7242.1	9380.5	14757.1	24978.5	42315.5	65315.5	90674.2	117468.1
10°	4619.2	5422.1	6512.6	8277.5	11830.9	19469.5	32757.8	55989.8	86905.7	120013.9	149794.7
7.5°	4669.4	5649.0	7030.4	9177.2	14262.2	24385.5	42010.7	69340.3	103199.5	140488.9	177995.5
5°	4689.4	5860.4	7468.1	9884.0	15932.5	27941.5	47340.9	77893.5	115489.5	153786.3	194152.2
2.5°	4742.9	6068.0	7789.3	10378.5	16896.2	30062.0	50421.2	84020.2	123683.8	165269.5	210275.1
0°	4854.2	6285.2	7858.8	10462.7	17098.0	30106.9	52198.1	87531.0	129028.1	171043.2	217986.5
-2.5°	4914.5	6257.4	7800.2	10290.8	16837.7	30111.7	50490.5	85088.4	126241.3	167234.4	214539.8
-5°	4810.9	5977.9	7439.3	9772.1	15698.7	27703.6	47098.3	78781.6	116765.5	153623.0	191662.8
-7.5°	4588.4	5584.8	6926.4	9035.6	13932.4	23971.1	40966.9	66983.1	99237.5	131279.8	160916.0
-10°	4329.3	5168.0	6268.4	7966.3	11436.3	18953.8	32054.5	52524.7	80229.5	107736.4	132746.8
-12.5°	4049.7	4702.8	5517.5	6691.9	8852.1	14311.3	24293.2	39982.6	59139.5	79890.2	102607.4
-15°	3810.7	4292.2	4909.7	5909.9	7557.7	10661.7	16306.9	26747.6	40484.5	56752.0	73498.0
-17.5°	3650.1	4008.1	4545.9	5308.8	6321.7	8165.3	12251.1	18441.2	27280.0	39455.2	50514.9
-20°	3534.7	3871.5	4298.2	4899.0	5747.3	7047.1	9046.3	13312.7	19128.9	27020.4	34527.5



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3452.5	3755.5	4116.1	4599.5	5357.1	6372.9	7649.0	9719.7	13382.5	18036.1	23255.2
-25°	3371.6	3622.8	4020.6	4540.4	5061.1	5788.0	6670.0	7686.7	9638.0	11706.9	14910.5
-27.5°	3279.0	3589.9	4034.3	4519.9	4989.0	5349.8	5975.9	6677.1	7710.4	8710.6	10356.4
-30°	3211.6	3609.1	4051.3	4518.0	4879.4	5198.3	5548.4	6084.3	6752.9	7459.9	8216.5
-32.5°	2875.9	3550.0	4003.8	4422.2	4721.2	5017.5	5327.6	5699.4	6126.9	6574.7	7034.3
-35°	2426.2	3144.0	3848.1	4176.1	4479.1	4777.9	5101.4	5402.5	5704.1	6007.0	6295.6
-37.5°	1874.8	2578.3	3243.4	3816.5	4164.4	4468.6	4813.5	5122.7	5387.1	5614.7	5836.9
-40°	1637.9	1883.6	2526.9	3130.1	3636.4	4118.5	4443.5	4786.0	5080.9	5290.8	5479.5
-42.5°	1572.6	1711.0	1853.6	2316.2	2875.2	3370.8	3811.7	4240.0	4645.4	4937.3	5161.6
-45°	1516.0	1633.1	1755.3	1891.7	2027.9	2462.5	2920.9	3382.2	3859.4	4286.6	4632.4
-47.5°	1411.3	1553.1	1673.4	1786.3	1894.6	2018.2	2146.0	2329.8	2748.5	3175.9	3565.5
-50°	1281.9	1414.8	1548.9	1682.5	1782.8	1877.7	1974.8	2084.4	2206.4	2331.0	2436.0
-52.5°	1141.0	1263.2	1387.1	1504.8	1617.2	1726.4	1833.0	1929.7	2020.6	2108.3	2159.9
-55°	1026.5	1124.4	1221.9	1322.8	1425.3	1525.2	1624.3	1724.2	1820.6	1912.5	1963.9
-57.5°	893.0	990.5	1083.9	1160.8	1240.3	1321.5	1406.3	1492.4	1576.8	1655.5	1699.7
-60°	748.0	832.6	913.5	988.2	1061.8	1133.8	1203.3	1271.6	1337.2	1394.3	1429.0
-62.5°	602.2	671.0	738.1	801.6	863.5	924.2	989.2	1050.9	1108.9	1155.8	1184.7
-65°	477.8	530.3	576.9	622.6	667.7	719.7	775.1	827.5	876.6	914.9	940.2
-67.5°	338.4	383.6	426.3	467.0	504.5	541.5	580.9	619.3	656.4	685.0	705.4
-70°	213.2	241.7	269.9	300.0	332.8	365.3	397.8	427.7	455.0	475.5	491.0
-72.5°	116.2	129.9	144.3	165.6	186.0	207.8	230.2	251.2	270.9	284.7	295.0
-75°	55.1	61.3	72.3	82.2	91.0	100.6	110.3	119.2	127.4	131.6	134.0
-77.5°	37.8	40.8	43.6	46.0	48.3	51.1	54.2	57.3	60.4	62.4	63.9
-80°	28.2	29.4	30.6	31.9	33.1	34.4	35.7	36.8	37.9	38.9	39.8
-82.5°	20.3	21.0	21.6	22.2	22.7	23.6	24.5	25.4	26.1	26.8	27.5
-85°	14.2	14.6	15.0	15.3	15.5	16.0	16.5	17.1	17.6	17.7	17.8
-87.5°	10.1	10.7	11.2	11.7	12.3	12.3	12.4	12.4	12.5	12.5	12.5
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.0	9.0	9.9	10.8	9.9	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	0.5	0.0	0.9	1.8	0.9	0.0	0.5	0.9	1.4	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	2.7	3.6	2.7	1.8	1.8	1.8	1.8	1.9	2.2
75°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.3	3.6
72.5°	8.7	8.9	9.0	9.0	9.0	8.9	8.7	8.4	8.1	7.9	8.2
70°	11.8	12.4	12.6	12.6	12.6	12.4	11.8	11.3	10.7	10.9	12.2
67.5°	14.2	14.3	14.4	14.4	14.4	14.3	14.2	14.0	13.7	13.9	15.2
65°	12.8	12.7	11.8	10.8	11.8	12.7	12.8	12.9	13.1	14.0	15.7
62.5°	10.4	10.8	10.8	10.8	10.8	10.8	10.4	10.2	10.1	11.4	13.4
60°	9.1	9.1	9.0	9.0	9.0	9.1	9.1	9.1	9.0	9.7	11.0
57.5°	9.0	9.0	9.7	10.8	9.7	9.0	9.0	9.0	9.0	9.2	9.7
55°	9.9	10.5	10.8	10.8	10.8	10.5	9.9	9.4	9.0	9.3	9.3
52.5°	11.4	11.0	10.8	10.8	10.8	11.0	11.4	11.4	11.2	10.9	10.7
50°	13.2	12.7	12.6	12.6	12.6	12.7	13.2	13.5	13.7	13.5	13.0
47.5°	17.2	16.5	16.1	16.2	16.1	16.5	17.2	17.6	17.8	17.4	16.3
45°	28.4	28.5	28.6	28.9	28.6	28.5	28.4	27.8	36.6	37.4	24.4
42.5°	66.9	57.9	50.0	50.5	50.0	57.9	66.9	69.7	101.6	115.6	111.9
40°	171.4	128.2	85.3	72.2	85.3	128.2	171.4	190.2	188.8	241.2	241.9
37.5°	176.5	180.1	211.9	285.1	211.9	180.1	176.5	195.4	192.7	161.7	188.8
35°	246.7	250.5	241.7	236.4	241.7	250.5	246.7	241.8	225.7	188.6	221.2
32.5°	524.6	547.9	545.0	530.5	545.0	547.9	524.6	516.5	475.7	438.6	428.6
30°	1130.0	1189.1	1182.7	1194.6	1182.7	1189.1	1130.0	1081.8	952.5	899.8	814.7
27.5°	2027.9	2101.0	2114.3	2098.7	2114.3	2101.0	2027.9	1961.2	1793.0	1676.2	1432.2
25°	4025.5	4141.0	4098.8	4044.0	4098.8	4141.0	4025.5	3611.3	2994.5	2830.9	2510.4
22.5°	10208.9	10666.0	10619.0	10233.5	10619.0	10666.0	10208.9	8296.3	6660.3	5290.0	4336.2
20°	28048.1	31066.2	32379.6	30599.6	32379.6	31066.2	28048.1	21104.0	17183.2	11412.4	8645.8
17.5°	59367.6	68563.2	75101.5	77829.8	75101.5	68563.2	59367.6	47480.8	36809.7	25630.7	16479.6
15°	97110.1	110952.4	119002.8	117921.2	119002.8	110952.4	97110.1	80352.9	62430.0	45395.7	27948.3
12.5°	139639.7	156046.1	169642.6	169930.7	169642.6	156046.1	139639.7	117468.1	90674.2	65315.5	42315.5
10°	180776.6	203547.1	222104.7	225700.9	222104.7	203547.1	180776.6	149794.7	120013.9	86905.7	55989.8
7.5°	211638.5	246545.3	269840.5	278376.3	269840.5	246545.3	211638.5	177995.5	140488.9	103199.5	69340.3
5°	242137.5	278714.3	302450.6	306661.5	302450.6	278714.3	242137.5	194152.2	153786.3	115489.5	77893.5
2.5°	262708.4	299604.7	320376.1	334783.5	320376.1	299604.7	262708.4	210275.1	165269.5	123683.8	84020.2
0°	274758.1	304820.9	339191.0	355160.3	339191.0	304820.9	274758.1	217986.5	171043.2	129028.1	87531.0
-2.5°	265647.6	299467.5	319144.9	337291.8	319144.9	299467.5	265647.6	214539.8	167234.4	126241.3	85088.4
-5°	235474.2	272255.2	289639.3	291907.6	289639.3	272255.2	235474.2	191662.8	153623.0	116765.5	78781.6
-7.5°	192410.2	226656.0	243346.7	252560.6	243346.7	226656.0	192410.2	160916.0	131279.8	99237.5	66983.1
-10°	155757.9	175743.2	186979.1	187719.0	186979.1	175743.2	155757.9	132746.8	107736.4	80229.5	52524.7
-12.5°	120253.3	133658.7	140304.1	140061.1	140304.1	133658.7	120253.3	102607.4	79890.2	59139.5	39982.6
-15°	88244.0	98658.6	104652.8	107527.1	104652.8	98658.6	88244.0	73498.0	56752.0	40484.5	26747.6
-17.5°	62285.5	70559.0	76565.3	78991.9	76565.3	70559.0	62285.5	50514.9	39455.2	27280.0	18441.2
-20°	42462.0	48132.3	52029.1	53683.2	52029.1	48132.3	42462.0	34527.5	27020.4	19128.9	13312.7



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27969.2	31770.5	34442.3	34298.9	34442.3	31770.5	27969.2	23255.2	18036.1	13382.5	9719.7
-25°	17830.0	19920.1	21292.4	21403.6	21292.4	19920.1	17830.0	14910.5	11706.9	9638.0	7686.7
-27.5°	11801.1	12719.9	13273.7	13369.8	13273.7	12719.9	11801.1	10356.4	8710.6	7710.4	6677.1
-30°	8931.8	9354.6	9671.2	9657.9	9671.2	9354.6	8931.8	8216.5	7459.9	6752.9	6084.3
-32.5°	7425.3	7633.3	7772.0	7884.0	7772.0	7633.3	7425.3	7034.3	6574.7	6126.9	5699.4
-35°	6493.5	6599.4	6676.8	6747.2	6676.8	6599.4	6493.5	6295.6	6007.0	5704.1	5402.5
-37.5°	5964.6	6037.9	6086.5	6103.0	6086.5	6037.9	5964.6	5836.9	5614.7	5387.1	5122.7
-40°	5551.5	5592.8	5617.4	5632.0	5617.4	5592.8	5551.5	5479.5	5290.8	5080.9	4786.0
-42.5°	5241.5	5298.2	5327.5	5327.0	5327.5	5298.2	5241.5	5161.6	4937.3	4645.4	4240.0
-45°	4830.7	4974.0	5060.9	5097.8	5060.9	4974.0	4830.7	4632.4	4286.6	3859.4	3382.2
-47.5°	3884.8	4156.9	4347.9	4448.2	4347.9	4156.9	3884.8	3565.5	3175.9	2748.5	2329.8
-50°	2530.4	2621.3	2659.6	2643.6	2659.6	2621.3	2530.4	2436.0	2331.0	2206.4	2084.4
-52.5°	2198.2	2230.8	2250.6	2259.3	2250.6	2230.8	2198.2	2159.9	2108.3	2020.6	1929.7
-55°	2007.2	2043.4	2066.8	2078.8	2066.8	2043.4	2007.2	1963.9	1912.5	1820.6	1724.2
-57.5°	1736.5	1765.8	1783.7	1791.9	1783.7	1765.8	1736.5	1699.7	1655.5	1576.8	1492.4
-60°	1458.6	1482.6	1498.4	1506.8	1498.4	1482.6	1458.6	1429.0	1394.3	1337.2	1271.6
-62.5°	1208.0	1225.7	1241.3	1252.4	1241.3	1225.7	1208.0	1184.7	1155.8	1108.9	1050.9
-65°	960.8	976.6	987.9	994.3	987.9	976.6	960.8	940.2	914.9	876.6	827.5
-67.5°	722.1	735.0	745.6	752.5	745.6	735.0	722.1	705.4	685.0	656.4	619.3
-70°	503.5	513.0	522.2	528.7	522.2	513.0	503.5	491.0	475.5	455.0	427.7
-72.5°	303.2	309.1	311.9	312.2	311.9	309.1	303.2	295.0	284.7	270.9	251.2
-75°	135.3	135.6	138.5	140.8	138.5	135.6	135.3	134.0	131.6	127.4	119.2
-77.5°	65.2	66.3	67.6	68.6	67.6	66.3	65.2	63.9	62.4	60.4	57.3
-80°	40.6	41.3	41.5	41.5	41.5	41.3	40.6	39.8	38.9	37.9	36.8
-82.5°	28.2	28.8	28.9	28.9	28.9	28.8	28.2	27.5	26.8	26.1	25.4
-85°	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.1
-87.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.4
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2	7.2	7.2	7.2
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.1
80°	1.8	1.8	1.8	2.1	2.2	2.3	2.4	2.6	2.9	3.1	3.3
77.5°	2.5	2.7	2.8	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.5
75°	4.0	4.2	4.6	5.1	5.4	5.3	5.2	5.1	5.1	5.2	5.3
72.5°	8.3	8.3	8.5	9.1	9.1	9.5	9.5	8.9	7.9	6.5	5.4
70°	13.2	14.0	15.4	17.4	18.6	19.0	18.5	17.0	14.6	12.8	10.2
67.5°	16.5	17.9	20.7	23.9	26.1	27.8	29.1	29.5	28.1	25.3	18.2
65°	17.5	19.2	21.8	24.4	27.6	31.4	37.0	39.9	40.0	38.1	29.4
62.5°	15.5	17.7	19.8	22.2	25.1	29.4	35.7	41.5	47.0	48.5	39.4
60°	12.6	14.5	16.1	18.2	21.0	26.5	33.6	40.4	46.9	47.2	44.3
57.5°	10.3	11.5	13.2	14.7	15.9	20.8	28.5	38.0	45.8	44.4	42.6
55°	9.1	10.0	11.5	13.1	14.7	17.6	22.0	29.0	37.5	40.4	38.9
52.5°	10.7	10.8	11.3	12.0	13.5	15.5	18.1	23.1	27.3	31.3	33.8
50°	12.4	12.4	12.4	12.4	13.5	14.4	16.2	18.9	21.8	25.1	27.7
47.5°	16.1	16.1	14.7	14.3	16.5	15.6	16.3	17.5	20.4	21.3	24.0
45°	27.0	26.6	21.9	23.0	25.0	24.9	20.6	22.4	22.7	22.9	21.6
42.5°	87.6	60.7	46.2	41.7	39.5	39.3	36.8	34.3	31.8	28.3	28.5
40°	167.8	143.0	110.3	74.4	62.0	57.4	59.5	51.9	46.7	40.6	42.2
37.5°	183.6	130.4	150.8	139.2	101.6	94.6	96.8	83.0	64.8	75.7	73.9
35°	198.2	184.7	206.5	204.5	164.8	189.0	166.7	134.8	119.0	136.0	122.5
32.5°	372.7	384.4	364.4	343.9	347.0	343.2	303.9	228.0	230.2	229.1	201.5
30°	729.4	709.9	650.2	616.3	627.4	569.5	493.7	480.0	422.6	346.7	302.4
27.5°	1372.4	1179.0	1081.5	1100.9	1017.3	898.7	860.5	835.4	682.5	540.7	431.4
25°	2360.1	2045.9	1882.6	1797.7	1599.5	1430.4	1362.5	1269.4	1072.6	791.2	600.4
22.5°	3749.2	3399.9	3075.3	2692.9	2426.6	2214.4	1984.6	1763.2	1530.2	1152.5	856.6
20°	6040.8	5137.3	4526.7	3893.0	3400.8	3080.1	2694.8	2316.4	1995.4	1608.1	1151.3
17.5°	10656.9	7544.6	6016.1	5080.1	4426.5	3978.3	3366.7	2809.0	2441.3	2093.4	1466.9
15°	16439.2	10754.3	7763.1	6333.4	5346.9	4516.1	3891.0	3249.0	2869.6	2537.4	1847.3
12.5°	24978.5	14757.1	9380.5	7242.1	5905.8	4995.2	4334.1	3708.5	3216.4	2766.6	2118.6
10°	32757.8	19469.5	11830.9	8277.5	6512.6	5422.1	4619.2	3885.1	3310.8	2887.7	2344.7
7.5°	42010.7	24385.5	14262.2	9177.2	7030.4	5649.0	4669.4	3909.2	3366.7	2973.7	2527.3
5°	47340.9	27941.5	15932.5	9884.0	7468.1	5860.4	4689.4	3866.4	3389.0	3029.6	2668.1
2.5°	50421.2	30062.0	16896.2	10378.5	7789.3	6068.0	4742.9	3872.7	3416.4	3066.6	2722.3
0°	52198.1	30106.9	17098.0	10462.7	7858.8	6285.2	4854.2	3937.5	3439.5	3089.4	2741.1
-2.5°	50490.5	30111.7	16837.7	10290.8	7800.2	6257.4	4914.5	4007.5	3494.8	3102.5	2733.7
-5°	47098.3	27703.6	15698.7	9772.1	7439.3	5977.9	4810.9	3980.5	3481.2	3083.6	2694.6
-7.5°	40966.9	23971.1	13932.4	9035.6	6926.4	5584.8	4588.4	3841.6	3350.8	2977.7	2571.9
-10°	32054.5	18953.8	11436.3	7966.3	6268.4	5168.0	4329.3	3664.8	3203.9	2860.3	2426.2
-12.5°	24293.2	14311.3	8852.1	6691.9	5517.5	4702.8	4049.7	3474.1	3042.5	2733.5	2261.9
-15°	16306.9	10661.7	7557.7	5909.9	4909.7	4292.2	3810.7	3354.0	2984.0	2636.9	2082.8
-17.5°	12251.1	8165.3	6321.7	5308.8	4545.9	4008.1	3650.1	3293.9	2952.3	2560.0	1916.7
-20°	9046.3	7047.1	5747.3	4899.0	4298.2	3871.5	3534.7	3240.8	2901.7	2371.9	1715.1



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7649.0	6372.9	5357.1	4599.5	4116.1	3755.5	3452.5	3172.9	2828.9	2123.6	1492.2
-25°	6670.0	5788.0	5061.1	4540.4	4020.6	3622.8	3371.6	3081.6	2548.7	1844.4	1283.8
-27.5°	5975.9	5349.8	4989.0	4519.9	4034.3	3589.9	3279.0	2938.1	2230.3	1587.2	1262.6
-30°	5548.4	5198.3	4879.4	4518.0	4051.3	3609.1	3211.6	2565.7	1905.4	1368.5	1247.1
-32.5°	5327.6	5017.5	4721.2	4422.2	4003.8	3550.0	2875.9	2166.4	1540.1	1343.0	1219.8
-35°	5101.4	4777.9	4479.1	4176.1	3848.1	3144.0	2426.2	1740.4	1434.8	1305.9	1183.3
-37.5°	4813.5	4468.6	4164.4	3816.5	3243.4	2578.3	1874.8	1541.3	1390.8	1257.8	1125.7
-40°	4443.5	4118.5	3636.4	3130.1	2526.9	1883.6	1637.9	1488.3	1347.1	1194.0	1055.6
-42.5°	3811.7	3370.8	2875.2	2316.2	1853.6	1711.0	1572.6	1438.5	1289.2	1127.3	982.6
-45°	2920.9	2462.5	2027.9	1891.7	1755.3	1633.1	1516.0	1365.8	1207.2	1052.5	907.4
-47.5°	2146.0	2018.2	1894.6	1786.3	1673.4	1553.1	1411.3	1266.9	1112.6	968.6	846.0
-50°	1974.8	1877.7	1782.8	1682.5	1548.9	1414.8	1281.9	1148.8	1013.7	893.8	778.3
-52.5°	1833.0	1726.4	1617.2	1504.8	1387.1	1263.2	1141.0	1035.7	924.5	810.5	703.5
-55°	1624.3	1525.2	1425.3	1322.8	1221.9	1124.4	1026.5	925.5	821.5	717.3	618.9
-57.5°	1406.3	1321.5	1240.3	1160.8	1083.9	990.5	893.0	798.7	707.7	614.3	528.1
-60°	1203.3	1133.8	1061.8	988.2	913.5	832.6	748.0	665.2	584.7	515.8	447.4
-62.5°	989.2	924.2	863.5	801.6	738.1	671.0	602.2	541.5	482.7	423.3	358.1
-65°	775.1	719.7	667.7	622.6	576.9	530.3	477.8	424.2	371.4	320.1	262.9
-67.5°	580.9	541.5	504.5	467.0	426.3	383.6	338.4	294.4	256.6	219.7	175.1
-70°	397.8	365.3	332.8	300.0	269.9	241.7	213.2	183.5	152.6	128.6	104.5
-72.5°	230.2	207.8	186.0	165.6	144.3	129.9	116.2	100.7	83.7	65.4	51.9
-75°	110.3	100.6	91.0	82.2	72.3	61.3	55.1	51.0	46.8	42.6	38.4
-77.5°	54.2	51.1	48.3	46.0	43.6	40.8	37.8	35.1	33.3	31.6	29.9
-80°	35.7	34.4	33.1	31.9	30.6	29.4	28.2	27.0	25.9	24.8	23.6
-82.5°	24.5	23.6	22.7	22.2	21.6	21.0	20.3	19.6	18.9	18.1	17.3
-85°	16.5	16.0	15.5	15.3	15.0	14.6	14.2	14.0	13.7	13.4	13.0
-87.5°	12.4	12.3	12.3	11.7	11.2	10.7	10.1	10.1	10.0	9.9	9.7
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
87.5°	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6	3.6	3.6
85°	2.0	2.1	2.1	2.1	2.4	2.7	3.2	3.6	3.6	3.6	3.6
82.5°	2.3	2.7	2.9	3.1	3.1	3.2	3.3	3.6	3.7	3.6	3.6
80°	3.2	3.2	3.4	3.6	3.6	3.6	3.5	3.6	3.9	3.9	3.9
77.5°	4.0	3.8	3.6	3.6	3.6	3.6	3.6	3.7	4.1	4.3	4.3
75°	4.8	4.2	3.8	3.7	3.7	3.6	3.6	3.7	4.2	4.6	4.7
72.5°	5.2	4.8	4.2	3.8	4.1	4.1	3.9	3.8	4.2	4.7	5.1
70°	7.7	5.8	5.1	4.7	4.6	4.7	4.6	4.3	4.3	4.7	5.1
67.5°	11.8	9.0	6.9	5.6	5.1	5.1	5.3	5.0	4.7	4.8	5.2
65°	21.1	14.1	8.8	7.0	5.8	5.3	5.4	5.4	5.1	5.0	5.2
62.5°	30.2	21.1	14.4	9.3	6.6	5.7	5.4	5.6	5.5	5.2	5.3
60°	39.4	29.4	20.5	14.4	9.1	5.8	5.6	5.9	5.8	5.4	5.4
57.5°	39.7	36.5	28.8	20.2	13.4	7.9	5.8	6.2	6.2	5.7	5.4
55°	37.9	36.0	34.5	27.5	18.5	11.5	7.3	6.6	6.6	6.2	5.5
52.5°	33.7	35.4	35.8	32.8	24.8	15.7	10.6	7.1	7.1	6.7	6.0
50°	29.2	33.9	36.6	35.2	30.3	21.6	13.7	9.5	7.7	7.2	6.5
47.5°	27.4	33.0	36.8	37.7	33.6	27.4	18.3	11.9	8.3	7.8	7.0
45°	27.7	32.2	37.1	39.0	37.3	31.4	23.4	14.1	10.2	8.4	7.5
42.5°	29.9	33.9	37.1	41.1	39.7	34.8	28.3	18.2	11.9	8.9	8.0
40°	40.5	37.8	38.6	43.0	42.6	38.0	31.5	22.5	13.4	9.7	8.4
37.5°	54.9	48.1	43.6	49.2	47.0	41.3	34.3	26.5	15.4	10.9	8.9
35°	93.6	64.5	64.0	64.3	55.9	45.2	36.9	29.8	19.1	12.0	9.3
32.5°	142.7	111.1	108.2	90.1	68.1	49.6	40.2	32.8	22.8	13.0	9.7
30°	237.8	213.7	169.2	123.4	87.2	61.2	44.9	35.8	26.5	13.9	10.3
27.5°	394.0	340.3	252.0	179.6	119.3	76.2	51.5	38.9	30.1	15.5	11.0
25°	555.5	486.9	374.7	251.8	156.5	106.3	59.1	42.3	33.0	18.4	11.7
22.5°	711.9	639.5	513.4	333.8	210.7	145.2	75.4	48.2	35.6	21.1	12.2
20°	864.2	795.7	655.3	408.5	274.5	192.7	103.8	54.5	38.1	23.8	12.7
17.5°	1032.3	915.9	735.0	496.2	337.7	240.6	136.5	61.2	40.6	26.2	13.2
15°	1238.8	987.0	811.7	574.0	393.9	288.5	172.5	68.0	43.0	28.5	13.7
12.5°	1423.7	1052.8	887.4	642.3	443.8	335.7	210.5	74.9	45.3	31.2	14.5
10°	1597.4	1113.3	960.4	701.2	487.7	381.9	249.4	82.5	49.1	34.1	15.3
7.5°	1755.9	1168.6	1029.1	751.1	523.7	413.6	273.5	92.0	52.9	36.8	16.0
5°	1885.3	1212.5	1077.0	785.0	541.5	428.9	291.0	101.1	56.6	39.3	16.7
2.5°	1946.1	1242.7	1106.5	810.5	556.4	440.8	303.9	109.6	60.0	41.5	17.4
0°	1977.8	1268.6	1126.0	828.3	568.4	449.3	312.2	117.3	63.2	43.3	18.0
-2.5°	1982.4	1274.3	1131.0	846.4	587.4	461.7	323.2	138.2	79.4	53.2	23.6
-5°	1957.5	1275.1	1127.4	856.6	602.5	470.6	330.6	157.7	95.0	62.6	29.0
-7.5°	1872.6	1255.8	1108.1	857.4	613.4	476.0	334.9	175.6	109.5	71.1	34.1
-10°	1752.8	1222.2	1070.8	842.9	623.7	483.7	338.4	191.8	122.9	78.7	38.7
-12.5°	1606.2	1184.3	1032.5	825.3	631.3	494.2	349.8	208.1	134.8	85.1	42.6
-15°	1434.0	1142.4	995.5	806.1	635.8	502.6	357.8	222.6	145.5	90.9	45.8
-17.5°	1244.6	1096.8	961.7	786.6	637.4	509.4	362.4	233.7	154.6	95.9	48.8
-20°	1202.6	1069.6	931.9	768.2	636.3	514.9	363.8	241.0	161.7	99.3	51.4



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1186.6	1057.4	912.7	759.7	634.7	519.3	362.1	244.3	166.7	100.9	52.8
-25°	1169.9	1042.7	891.0	747.9	634.3	513.2	361.0	243.3	169.5	100.6	53.1
-27.5°	1150.3	1022.0	863.9	729.1	621.5	503.6	358.7	245.6	169.6	98.3	52.1
-30°	1128.2	987.0	836.5	705.6	604.0	478.0	350.7	245.2	166.6	96.1	49.7
-32.5°	1096.7	946.4	802.5	682.7	575.2	450.0	332.5	241.7	160.8	93.3	48.1
-35°	1043.3	899.8	761.3	654.3	541.5	423.5	313.3	235.0	152.2	88.5	46.0
-37.5°	984.1	846.7	725.0	618.8	506.4	394.5	298.5	220.0	140.8	81.8	42.8
-40°	921.7	794.9	685.1	579.0	471.3	363.1	280.5	201.4	130.1	73.0	38.5
-42.5°	855.8	746.3	640.9	538.0	434.4	339.6	259.2	180.0	116.4	65.6	33.1
-45°	797.6	693.5	593.1	493.7	396.5	312.9	232.4	156.9	100.4	58.1	28.8
-47.5°	735.1	637.9	541.0	445.6	362.6	281.9	202.4	136.5	82.7	49.2	26.9
-50°	671.4	577.6	484.6	400.4	323.7	244.8	171.3	113.9	70.3	38.6	24.6
-52.5°	603.8	512.2	429.8	354.1	278.1	204.4	142.9	90.1	56.9	32.8	21.9
-55°	527.5	448.7	375.2	300.7	228.1	167.0	112.0	73.4	42.5	29.2	19.2
-57.5°	455.2	385.2	312.1	241.4	180.9	128.3	87.0	55.6	35.6	25.3	18.2
-60°	379.9	310.1	242.7	185.9	134.6	94.7	65.2	41.1	30.8	21.7	17.1
-62.5°	293.8	232.7	180.0	131.3	95.8	68.2	45.3	35.2	25.7	20.3	15.9
-65°	211.6	162.6	118.0	90.6	64.7	45.7	38.0	29.0	23.1	18.7	14.8
-67.5°	131.8	104.0	78.2	54.6	44.3	37.4	30.4	25.4	21.1	17.1	13.9
-70°	80.3	57.8	47.3	41.4	35.3	29.7	26.6	23.0	19.0	15.9	13.0
-72.5°	46.8	41.7	36.7	31.8	28.8	26.0	23.4	20.5	17.5	14.6	12.0
-75°	34.2	31.7	29.4	27.0	24.5	22.3	20.5	18.5	15.8	13.3	11.0
-77.5°	28.0	26.1	24.1	22.3	20.7	19.3	17.9	16.5	14.1	11.9	9.9
-80°	22.2	20.8	19.5	18.3	17.2	16.2	15.3	14.3	12.4	10.5	8.8
-82.5°	16.4	15.8	15.2	14.7	14.1	13.5	12.9	12.2	10.6	9.0	7.8
-85°	12.7	12.3	12.0	11.6	11.2	10.8	10.4	9.9	8.8	7.8	7.0
-87.5°	9.6	9.5	9.4	9.3	8.9	8.5	8.1	7.7	7.1	6.6	6.2
-90°	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6	3.6	3.6



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.4	5.4	5.4	5.4	5.4	4.5	3.6
87.5°	3.6	3.7	3.8	3.8	3.8	3.7	3.6
85°	3.6	3.8	3.9	4.0	3.9	3.8	3.6
82.5°	3.6	3.9	4.1	4.1	4.1	3.8	3.6
80°	3.7	4.0	4.2	4.3	4.2	3.9	3.6
77.5°	4.2	4.2	4.4	4.5	4.4	4.0	3.6
75°	4.6	4.5	4.6	4.7	4.5	4.1	3.6
72.5°	5.0	4.8	4.7	4.9	4.7	4.1	3.6
70°	5.4	5.0	4.9	5.0	4.8	4.2	3.6
67.5°	5.4	5.3	5.0	5.1	5.0	4.3	3.6
65°	5.4	5.4	5.2	5.2	5.1	4.4	3.6
62.5°	5.4	5.4	5.3	5.2	5.3	4.4	3.6
60°	5.4	5.4	5.4	5.3	5.4	4.5	3.6
57.5°	5.5	5.4	5.4	5.3	5.4	4.6	3.6
55°	5.6	5.4	5.4	5.3	5.4	4.6	3.6
52.5°	5.7	5.4	5.4	5.4	5.4	4.7	3.6
50°	5.9	5.6	5.4	5.4	5.4	4.8	3.6
47.5°	6.1	5.8	5.4	5.4	5.4	4.8	3.6
45°	6.6	6.0	5.4	5.4	5.4	4.9	3.6
42.5°	7.0	6.2	5.4	5.4	5.4	4.9	3.6
40°	7.4	6.4	5.5	5.4	5.4	5.0	3.6
37.5°	7.8	6.7	5.7	5.4	5.4	5.0	3.6
35°	8.1	6.9	5.9	5.4	5.4	5.1	3.6
32.5°	8.5	7.3	6.0	5.4	5.4	5.1	3.6
30°	8.9	7.5	6.2	5.4	5.4	5.2	3.6
27.5°	9.2	7.8	6.4	5.4	5.4	5.2	3.6
25°	9.5	8.1	6.5	5.4	5.4	5.2	3.6
22.5°	9.8	8.3	6.6	5.4	5.4	5.3	3.6
20°	10.1	8.4	6.8	5.4	5.4	5.3	3.6
17.5°	10.4	8.6	6.9	5.4	5.4	5.3	3.6
15°	10.7	8.7	7.0	5.4	5.4	5.3	3.6
12.5°	11.1	8.8	7.0	5.4	5.4	5.4	3.6
10°	11.4	8.9	7.1	5.4	5.4	5.4	3.6
7.5°	11.7	8.9	7.1	5.4	5.4	5.4	3.6
5°	12.0	9.0	7.2	5.4	5.4	5.4	3.6
2.5°	12.3	9.0	7.2	5.4	5.4	5.4	3.6
0°	12.6	9.0	7.2	5.4	5.4	5.4	3.6
-2.5°	14.8	9.8	7.5	5.6	5.5	5.4	3.6
-5°	16.8	10.5	7.8	5.9	5.6	5.4	3.6
-7.5°	18.7	11.3	8.1	6.1	5.6	5.4	3.6
-10°	20.5	11.9	8.4	6.3	5.7	5.4	3.6
-12.5°	22.0	12.5	8.6	6.5	5.8	5.4	3.6
-15°	23.3	13.0	8.8	6.7	5.8	5.3	3.6
-17.5°	24.2	13.4	9.0	6.9	5.9	5.3	3.6
-20°	25.1	13.7	9.2	7.1	5.9	5.3	3.6



REPORT NUMBER: P1305625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.9	13.9	9.4	7.2	6.0	5.3	3.6
-25°	26.2	14.1	9.6	7.4	6.0	5.3	3.6
-27.5°	25.8	14.2	9.7	7.5	6.0	5.2	3.6
-30°	24.7	14.1	9.9	7.6	6.1	5.2	3.6
-32.5°	23.0	13.9	9.9	7.6	6.1	5.2	3.6
-35°	22.1	13.5	10.0	7.7	6.1	5.2	3.6
-37.5°	21.5	13.1	10.0	7.7	6.0	5.1	3.6
-40°	20.7	13.1	9.9	7.7	6.0	5.1	3.6
-42.5°	19.6	13.0	9.8	7.6	6.0	5.1	3.6
-45°	18.3	12.8	9.7	7.5	5.9	5.1	3.6
-47.5°	16.7	12.5	9.6	7.4	5.9	5.0	3.6
-50°	16.0	12.2	9.5	7.3	5.8	5.0	3.6
-52.5°	15.5	11.8	9.3	7.2	5.7	5.0	3.6
-55°	14.8	11.5	9.0	7.0	5.6	4.9	3.6
-57.5°	14.1	11.1	8.8	6.9	5.5	4.9	3.6
-60°	13.3	10.7	8.5	6.7	5.4	4.9	3.6
-62.5°	12.7	10.3	8.2	6.5	5.4	4.9	3.6
-65°	12.0	9.8	7.9	6.3	5.4	4.8	3.6
-67.5°	11.3	9.3	7.5	6.1	5.4	4.8	3.6
-70°	10.6	8.7	7.1	5.8	5.4	4.8	3.6
-72.5°	9.8	8.2	6.7	5.7	5.4	4.7	3.6
-75°	9.0	7.6	6.3	5.7	5.4	4.7	3.6
-77.5°	8.1	6.9	6.1	5.7	5.4	4.7	3.6
-80°	7.3	6.5	6.0	5.6	5.4	4.6	3.6
-82.5°	6.8	6.3	5.9	5.6	5.4	4.6	3.6
-85°	6.3	6.0	5.7	5.5	5.4	4.6	3.6
-87.5°	5.9	5.7	5.6	5.5	5.4	4.5	3.6
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6

(END OF REPORT)