

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: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

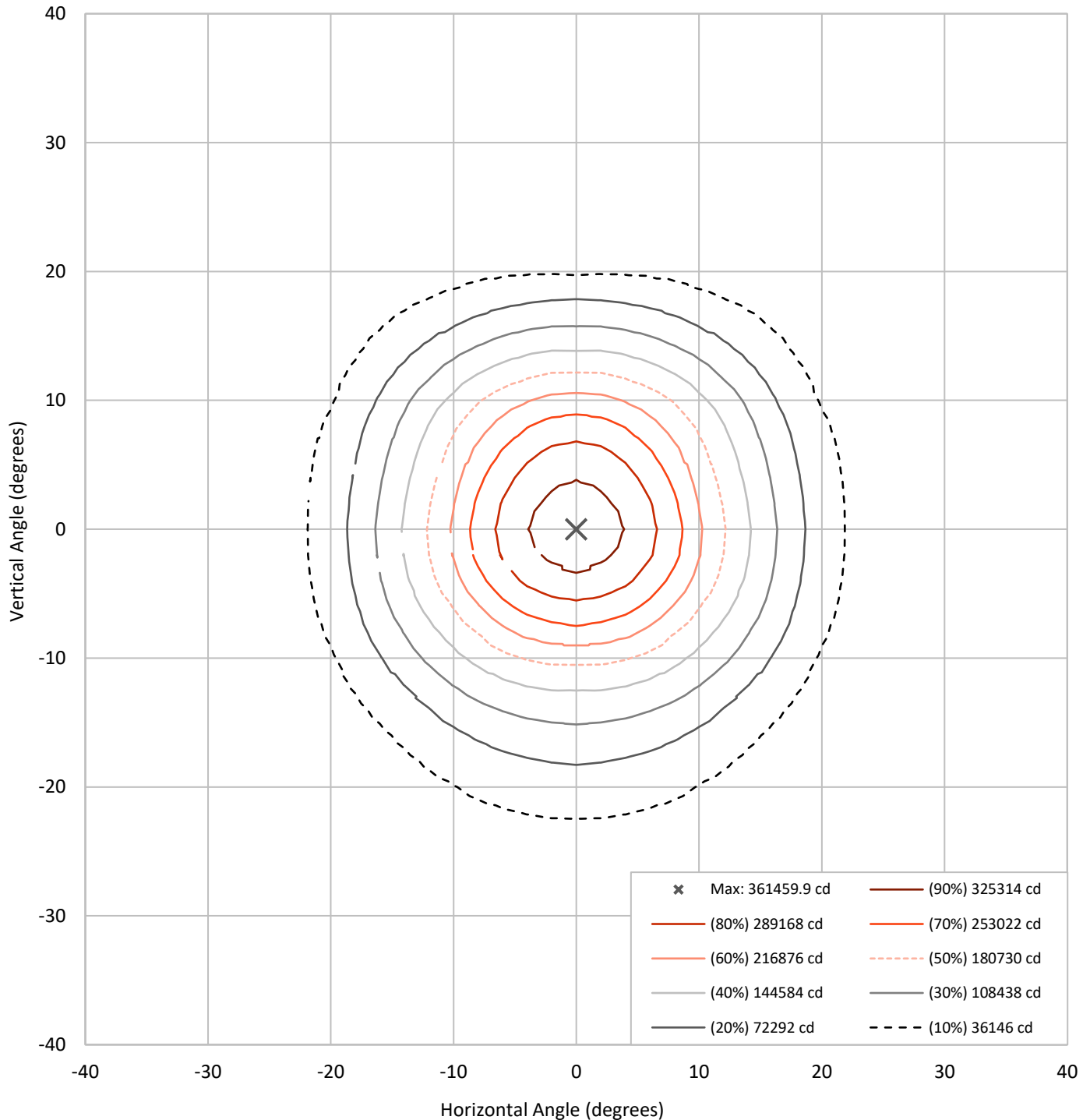
Test Method: LM-79-08
Report Number: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 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:	74915.5 lumens	Max Intensity:	361459.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.6 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:	35326.2 lumens	Field Lumens:	63818.3 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: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

Iso-Candela Plot





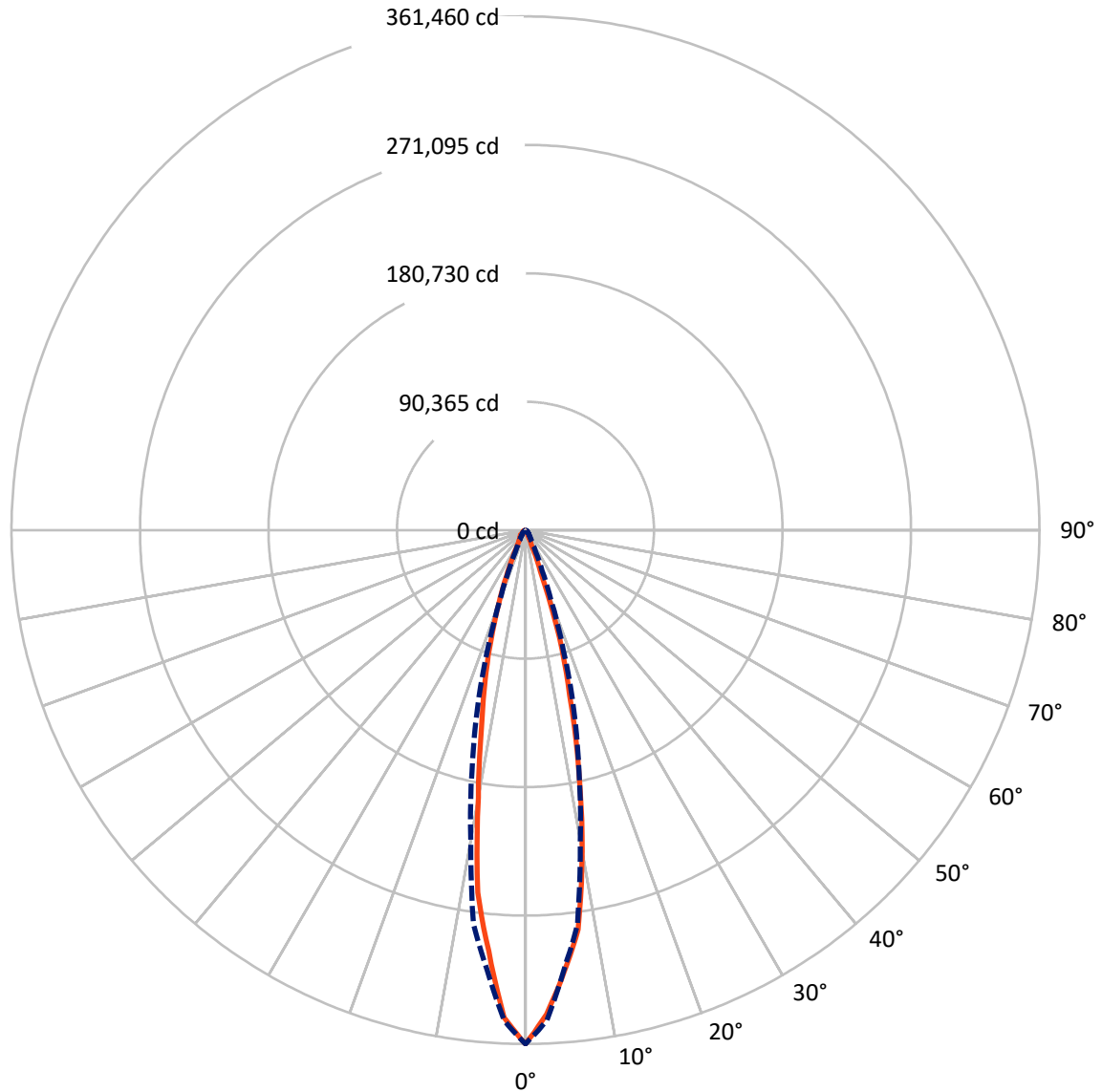
REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

Lumen Table

90	0.1	0.2	0.4	0.5	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	0.5	0.4	0.2	0.1									
70	0.1	0.1	0.2	0.6	0.8	0.6	0.4	0.4	0.4	0.4	0.6	0.8	0.6	0.2	0.1	0.1			
60		0.1	0.5	0.8	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.8	0.5	0.1				
50	0.2	0.2	0.6	0.6	0.7	1.1	2.0	1.3	1.3	2.0	1.1	0.7	0.6	0.6	0.2	0.2			
40		0.4	1.2	2.9	5.3	7.6	10.5	12.5	12.5	10.5	7.6	5.3	2.9	1.2	0.4				
30	0.2	0.7	5.1	16.0	36.9	61.5	126.4	243.2	243.2	126.4	61.5	36.9	16.0	5.1	0.7	0.2			
20		1.6	10.9	40.7	98.5	260.8	1435.7	3388.2	3388.2	1435.7	260.8	98.5	40.7	10.9	1.6				
10	0.4	2.4	14.5	54.1	126.7	556.1	3441.9	8072.0	8072.0	3441.9	556.1	126.7	54.1	14.5	2.4	0.4			
0		2.9	15.5	55.0	127.0	550.7	3381.8	7735.4	7735.4	3381.8	550.7	127.0	55.0	15.5	2.9				
-10	0.7	3.5	14.7	45.7	99.9	262.9	1371.1	3094.5	3094.5	1371.1	262.9	99.9	45.7	14.7	3.5	0.7			
-20		3.7	13.6	34.2	85.1	149.0	341.2	697.5	697.5	341.2	149.0	85.1	34.2	13.6	3.7				
-30	0.5	3.2	11.8	25.9	62.8	123.2	173.0	212.6	212.6	173.0	123.2	62.8	25.9	11.8	3.2	0.5			
-40		2.3	8.9	20.4	38.1	67.7	110.8	141.9	141.9	110.8	67.7	38.1	20.4	8.9	2.3				
-50	0.3	1.1	5.4	13.7	26.0	40.0	53.6	62.1	62.1	53.6	40.0	26.0	13.7	5.4	1.1	0.3			
-60		0.4	1.9	6.0	12.1	19.2	26.3	30.3	30.3	26.3	19.2	12.1	6.0	1.9	0.4				
-70	0.2	1.1	3.8	9.8	13.4	9.8	3.8	1.1	0.2							0.2			
-80		1.1	3.8	9.8	13.4	9.8	3.8	1.1	0.2										
-90	0.2	1.1	3.8	9.8	13.4	9.8	3.8	1.1	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

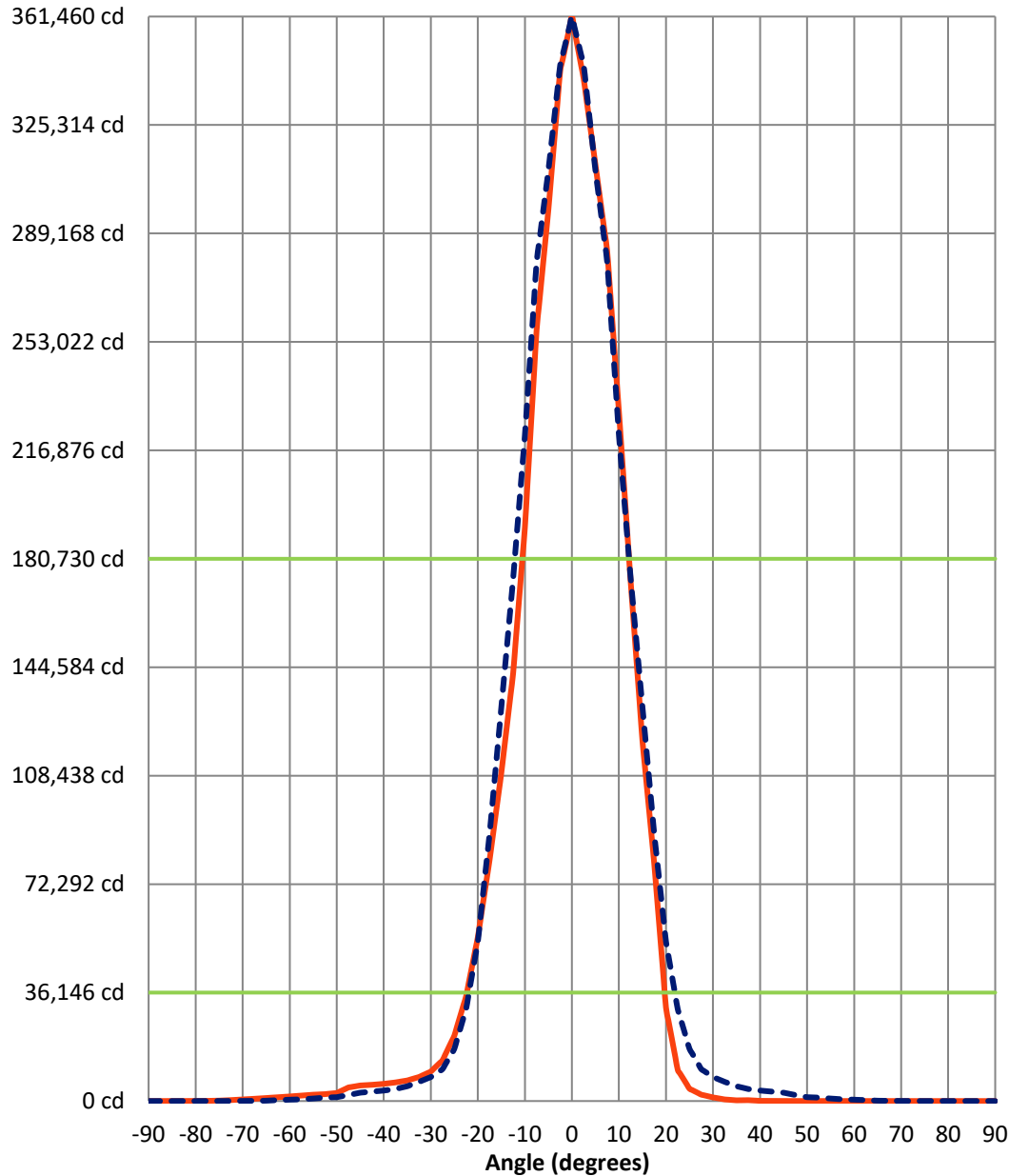
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 24.3°
 V Angle: 22.7°
 Lumens: 35326.2
 Efficiency: 47.2%

Field:
 H Angle: 43.8°
 V Angle: 42.1°
 Lumens: 63818.3
 Efficiency: 85.2%

Spill:
 Lumens: 11097.2
 Efficiency: 14.8%

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



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.7	4.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
87.5°	3.7	3.8	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.7	3.7
85°	3.7	3.9	4.0	4.1	4.0	3.9	3.7	3.7	3.7	3.7	3.7
82.5°	3.7	3.9	4.2	4.2	4.2	4.0	3.7	3.7	3.7	3.8	3.7
80°	3.7	4.0	4.3	4.4	4.3	4.1	3.8	4.0	4.0	4.0	3.7
77.5°	3.7	4.1	4.5	4.6	4.5	4.3	4.3	4.4	4.4	4.2	3.8
75°	3.7	4.2	4.6	4.8	4.7	4.6	4.7	4.8	4.7	4.3	3.8
72.5°	3.7	4.2	4.8	5.0	4.8	4.9	5.1	5.2	4.8	4.3	3.9
70°	3.7	4.3	4.9	5.1	5.0	5.1	5.5	5.2	4.8	4.4	4.4
67.5°	3.7	4.4	5.1	5.2	5.1	5.4	5.5	5.3	4.9	4.8	5.1
65°	3.7	4.5	5.2	5.3	5.3	5.5	5.5	5.3	5.1	5.2	5.5
62.5°	3.7	4.5	5.4	5.3	5.4	5.5	5.5	5.4	5.3	5.6	5.7
60°	3.7	4.6	5.5	5.4	5.5	5.5	5.5	5.5	5.5	5.9	6.0
57.5°	3.7	4.7	5.5	5.4	5.5	5.5	5.6	5.5	5.8	6.3	6.3
55°	3.7	4.7	5.5	5.4	5.5	5.5	5.7	5.6	6.3	6.7	6.7
52.5°	3.7	4.8	5.5	5.5	5.5	5.5	5.8	6.1	6.8	7.2	7.2
50°	3.7	4.9	5.5	5.5	5.5	5.7	6.0	6.6	7.3	7.8	9.7
47.5°	3.7	4.9	5.5	5.5	5.5	5.9	6.2	7.1	7.9	8.5	12.2
45°	3.7	5.0	5.5	5.5	5.5	6.1	6.7	7.6	8.5	10.4	14.4
42.5°	3.7	5.0	5.5	5.5	5.5	6.3	7.1	8.1	9.1	12.1	18.6
40°	3.7	5.1	5.5	5.5	5.6	6.5	7.5	8.6	9.9	13.7	22.9
37.5°	3.7	5.1	5.5	5.5	5.8	6.8	7.9	9.1	11.2	15.8	27.0
35°	3.7	5.2	5.5	5.5	6.0	7.1	8.3	9.5	12.3	19.5	30.4
32.5°	3.7	5.2	5.5	5.5	6.1	7.4	8.7	9.9	13.3	23.2	33.3
30°	3.7	5.3	5.5	5.5	6.3	7.7	9.0	10.5	14.2	27.0	36.4
27.5°	3.7	5.3	5.5	5.5	6.5	8.0	9.4	11.2	15.8	30.6	39.6
25°	3.7	5.3	5.5	5.5	6.6	8.2	9.7	11.9	18.7	33.6	43.0
22.5°	3.7	5.4	5.5	5.5	6.7	8.5	10.0	12.5	21.5	36.2	49.1
20°	3.7	5.4	5.5	5.5	6.9	8.6	10.3	13.0	24.2	38.8	55.5
17.5°	3.7	5.4	5.5	5.5	7.0	8.8	10.6	13.4	26.7	41.4	62.3
15°	3.7	5.4	5.5	5.5	7.1	8.9	10.9	14.0	29.0	43.8	69.3
12.5°	3.7	5.5	5.5	5.5	7.1	9.0	11.3	14.8	31.7	46.2	76.2
10°	3.7	5.5	5.5	5.5	7.2	9.1	11.6	15.6	34.7	49.9	84.1
7.5°	3.7	5.5	5.5	5.5	7.2	9.1	12.0	16.4	37.5	53.8	93.7
5°	3.7	5.5	5.5	5.5	7.3	9.2	12.3	17.1	40.0	57.6	103.0
2.5°	3.7	5.5	5.5	5.5	7.3	9.2	12.6	17.8	42.2	61.1	111.6
0°	3.7	5.5	5.5	5.5	7.3	9.2	12.9	18.4	44.1	64.3	119.4
-2.5°	3.7	5.5	5.6	5.7	7.6	10.0	15.1	24.1	54.2	80.8	140.6
-5°	3.7	5.5	5.7	6.0	7.9	10.8	17.2	29.6	63.7	96.6	160.5
-7.5°	3.7	5.5	5.7	6.2	8.2	11.5	19.1	34.8	72.4	111.5	178.8
-10°	3.7	5.5	5.8	6.4	8.5	12.1	20.9	39.4	80.2	125.0	195.2
-12.5°	3.7	5.5	5.9	6.7	8.7	12.7	22.4	43.4	86.7	137.1	211.8
-15°	3.7	5.4	5.9	6.9	9.0	13.3	23.7	46.7	92.5	148.1	226.5
-17.5°	3.7	5.4	6.0	7.1	9.2	13.7	24.6	49.7	97.6	157.3	237.8
-20°	3.7	5.4	6.0	7.2	9.4	14.0	25.5	52.3	101.1	164.5	245.2



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.7	5.4	6.1	7.4	9.6	14.2	26.4	53.8	102.7	169.6	248.6
-25°	3.7	5.4	6.1	7.5	9.8	14.4	26.6	54.0	102.4	172.5	247.6
-27.5°	3.7	5.3	6.1	7.6	9.9	14.5	26.2	53.0	100.1	172.6	249.9
-30°	3.7	5.3	6.2	7.7	10.1	14.4	25.2	50.6	97.8	169.5	249.5
-32.5°	3.7	5.3	6.2	7.8	10.1	14.1	23.4	48.9	94.9	163.6	245.9
-35°	3.7	5.3	6.2	7.8	10.2	13.7	22.4	46.8	90.1	154.9	239.1
-37.5°	3.7	5.2	6.1	7.8	10.2	13.3	21.9	43.5	83.2	143.2	223.9
-40°	3.7	5.2	6.1	7.8	10.1	13.3	21.1	39.2	74.3	132.4	204.9
-42.5°	3.7	5.2	6.1	7.7	10.1	13.2	20.0	33.7	66.7	118.4	183.2
-45°	3.7	5.2	6.0	7.6	10.0	13.0	18.6	29.3	59.2	102.2	159.6
-47.5°	3.7	5.1	6.0	7.5	9.8	12.8	17.0	27.3	50.1	84.1	138.9
-50°	3.7	5.1	5.9	7.4	9.6	12.5	16.4	25.0	39.2	71.6	115.9
-52.5°	3.7	5.1	5.8	7.3	9.4	12.0	15.8	22.3	33.4	58.0	91.7
-55°	3.7	5.0	5.7	7.2	9.2	11.7	15.1	19.6	29.7	43.3	74.8
-57.5°	3.7	5.0	5.6	7.0	8.9	11.3	14.4	18.6	25.7	36.3	56.6
-60°	3.7	5.0	5.5	6.8	8.6	10.9	13.5	17.4	22.1	31.3	41.8
-62.5°	3.7	5.0	5.5	6.6	8.3	10.4	12.9	16.2	20.7	26.1	35.8
-65°	3.7	4.9	5.5	6.4	8.0	10.0	12.3	15.1	19.1	23.5	29.5
-67.5°	3.7	4.9	5.5	6.2	7.6	9.4	11.6	14.2	17.4	21.5	25.9
-70°	3.7	4.9	5.5	5.9	7.2	8.9	10.8	13.3	16.2	19.3	23.3
-72.5°	3.7	4.8	5.5	5.8	6.8	8.3	10.0	12.3	14.9	17.7	20.8
-75°	3.7	4.8	5.5	5.8	6.4	7.7	9.1	11.2	13.5	16.1	18.8
-77.5°	3.7	4.8	5.5	5.8	6.2	7.0	8.3	10.1	12.1	14.4	16.7
-80°	3.7	4.7	5.5	5.7	6.1	6.6	7.4	8.9	10.7	12.6	14.6
-82.5°	3.7	4.7	5.5	5.7	6.0	6.4	6.9	7.9	9.2	10.7	12.4
-85°	3.7	4.7	5.5	5.6	5.8	6.1	6.4	7.1	8.0	9.0	10.1
-87.5°	3.7	4.6	5.5	5.6	5.7	5.8	6.0	6.3	6.7	7.2	7.8
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	3.2	2.8	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	3.2	2.8	2.4	2.1	2.1	2.1	2.0	1.8	1.8	1.8	1.8
82.5°	3.4	3.2	3.2	3.2	3.0	2.7	2.4	2.1	2.1	2.1	2.0
80°	3.6	3.7	3.7	3.7	3.5	3.3	3.3	3.4	3.2	2.9	2.7
77.5°	3.7	3.7	3.7	3.7	3.7	3.9	4.1	4.6	4.6	4.4	4.2
75°	3.7	3.7	3.8	3.8	3.9	4.3	4.9	5.4	5.3	5.2	5.2
72.5°	4.0	4.2	4.2	3.9	4.3	4.9	5.3	5.5	6.6	8.1	9.1
70°	4.7	4.8	4.7	4.8	5.2	5.9	7.9	10.4	13.0	14.9	17.3
67.5°	5.4	5.2	5.2	5.7	7.0	9.1	12.0	18.5	25.7	28.6	30.0
65°	5.5	5.4	6.0	7.2	9.0	14.4	21.5	30.0	38.8	40.8	40.6
62.5°	5.5	5.8	6.7	9.5	14.7	21.5	30.7	40.1	49.4	47.9	42.3
60°	5.7	6.0	9.3	14.7	20.9	29.9	40.0	45.1	48.0	47.7	41.1
57.5°	5.9	8.0	13.7	20.6	29.3	37.1	40.4	43.4	45.2	46.6	38.7
55°	7.4	11.8	18.8	28.0	35.1	36.6	38.5	39.6	41.1	38.2	29.5
52.5°	10.8	16.0	25.3	33.3	36.4	36.0	34.2	34.4	31.9	27.8	23.5
50°	14.0	22.0	30.8	35.8	37.3	34.5	29.7	28.1	25.5	22.2	19.2
47.5°	18.7	27.9	34.2	38.3	37.4	33.5	27.8	24.4	21.6	20.7	17.9
45°	23.9	32.0	38.0	39.7	37.8	32.8	28.1	22.0	23.3	23.1	22.8
42.5°	28.8	35.4	40.4	41.8	37.8	34.5	30.4	28.9	28.7	32.4	34.9
40°	32.0	38.7	43.4	43.8	39.3	38.4	41.2	42.9	41.3	47.5	52.8
37.5°	34.9	42.0	47.9	50.1	44.4	48.9	55.8	75.2	77.0	65.9	84.5
35°	37.6	46.0	56.9	65.5	65.2	65.6	95.2	124.7	138.4	121.1	137.2
32.5°	40.9	50.5	69.3	91.7	110.2	113.1	145.3	205.1	233.1	234.3	232.1
30°	45.8	62.3	88.8	125.5	172.2	217.5	242.0	307.7	352.8	430.1	488.5
27.5°	52.5	77.5	121.4	182.8	256.5	346.3	401.0	439.0	550.2	694.6	850.2
25°	60.2	108.2	159.2	256.2	381.4	495.6	565.3	611.0	805.2	1091.6	1291.9
22.5°	76.8	147.8	214.4	339.7	522.5	650.8	724.5	871.7	1172.9	1557.3	1794.5
20°	105.7	196.1	279.3	415.8	666.8	809.8	879.5	1171.7	1636.6	2030.8	2357.5
17.5°	139.0	244.9	343.6	505.0	747.9	932.1	1050.6	1492.9	2130.5	2484.6	2858.8
15°	175.5	293.5	400.9	584.2	826.1	1004.5	1260.8	1880.0	2582.4	2920.5	3306.6
12.5°	214.3	341.6	451.7	653.7	903.1	1071.5	1449.0	2156.1	2815.6	3273.4	3774.3
10°	253.8	388.6	496.4	713.7	977.4	1133.0	1625.7	2386.3	2938.9	3369.5	3954.0
7.5°	278.3	420.9	533.1	764.4	1047.4	1189.3	1787.0	2572.1	3026.5	3426.4	3978.5
5°	296.1	436.5	551.1	799.0	1096.1	1234.0	1918.7	2715.4	3083.4	3449.1	3934.9
2.5°	309.2	448.6	566.4	824.9	1126.1	1264.7	1980.6	2770.5	3121.0	3477.0	3941.4
0°	317.7	457.3	578.5	843.0	1146.0	1291.1	2012.9	2789.7	3144.2	3500.5	4007.3
-2.5°	328.9	469.9	597.8	861.5	1151.0	1297.0	2017.6	2782.2	3157.5	3556.8	4078.6
-5°	336.4	478.9	613.2	871.9	1147.4	1297.7	1992.2	2742.5	3138.3	3542.9	4051.2
-7.5°	340.8	484.4	624.3	872.7	1127.7	1278.1	1905.8	2617.5	3030.6	3410.3	3909.8
-10°	344.4	492.3	634.7	857.9	1089.8	1243.9	1783.8	2469.2	2911.0	3260.7	3729.8
-12.5°	356.0	502.9	642.4	839.9	1050.8	1205.3	1634.7	2302.0	2782.0	3096.4	3535.6
-15°	364.1	511.5	647.0	820.4	1013.1	1162.6	1459.4	2119.8	2683.7	3036.9	3413.4
-17.5°	368.8	518.4	648.7	800.6	978.7	1116.2	1266.7	1950.7	2605.4	3004.6	3352.3
-20°	370.3	524.0	647.6	781.8	948.4	1088.6	1223.9	1745.5	2414.0	2953.2	3298.3



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	368.5	528.6	645.9	773.2	928.8	1076.1	1207.6	1518.6	2161.3	2879.1	3229.2
-25°	367.4	522.3	645.6	761.2	906.8	1061.1	1190.6	1306.6	1877.2	2593.9	3136.3
-27.5°	365.1	512.6	632.6	742.0	879.3	1040.1	1170.7	1285.0	1615.3	2269.9	2990.2
-30°	356.9	486.5	614.8	718.1	851.4	1004.5	1148.1	1269.2	1392.8	1939.2	2611.2
-32.5°	338.4	458.0	585.4	694.8	816.7	963.2	1116.1	1241.5	1366.9	1567.4	2204.7
-35°	318.8	431.0	551.1	665.9	774.7	915.7	1061.8	1204.3	1329.1	1460.3	1771.3
-37.5°	303.8	401.5	515.4	629.7	737.8	861.7	1001.6	1145.7	1280.1	1415.5	1568.7
-40°	285.5	369.5	479.7	589.3	697.2	809.0	938.1	1074.3	1215.2	1371.1	1514.7
-42.5°	263.8	345.6	442.1	547.6	652.3	759.6	871.0	1000.0	1147.3	1312.1	1464.0
-45°	236.5	318.4	403.6	502.5	603.6	705.8	811.8	923.5	1071.2	1228.6	1390.1
-47.5°	206.0	286.8	369.0	453.5	550.6	649.2	748.2	861.1	985.8	1132.3	1289.4
-50°	174.3	249.1	329.4	407.5	493.2	587.8	683.3	792.2	909.7	1031.7	1169.2
-52.5°	145.4	208.0	283.0	360.4	437.4	521.3	614.5	716.0	824.9	941.0	1054.1
-55°	113.9	169.9	232.2	306.0	381.9	456.7	536.9	629.9	730.0	836.1	941.9
-57.5°	88.5	130.5	184.1	245.7	317.6	392.1	463.3	537.5	625.2	720.2	812.9
-60°	66.4	96.4	137.0	189.1	247.0	315.7	386.7	455.3	524.9	595.1	677.0
-62.5°	46.1	69.4	97.5	133.5	183.1	236.8	299.1	364.5	430.8	491.2	551.0
-65°	38.7	46.5	65.9	92.2	120.1	165.5	215.3	267.5	325.8	377.9	431.7
-67.5°	31.0	38.1	45.1	55.6	79.6	105.8	134.1	178.2	223.6	261.2	299.6
-70°	27.0	30.2	35.9	42.1	48.1	58.8	81.8	106.3	130.8	155.3	186.8
-72.5°	23.7	26.4	29.3	32.4	37.4	42.5	47.6	52.8	66.6	85.2	102.5
-75°	20.8	22.6	25.0	27.5	29.9	32.3	34.8	39.1	43.4	47.7	51.9
-77.5°	18.2	19.6	21.1	22.7	24.5	26.5	28.5	30.4	32.1	33.9	35.7
-80°	15.6	16.5	17.5	18.6	19.8	21.1	22.5	24.0	25.2	26.3	27.5
-82.5°	13.1	13.7	14.3	14.9	15.5	16.1	16.7	17.6	18.4	19.2	20.0
-85°	10.6	11.0	11.4	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.2
-87.5°	8.3	8.7	9.1	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2
-90°	3.2	2.8	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.3	7.8	8.3	8.7	9.2	9.2	9.2	9.2	9.2	9.2	9.2
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	2.4	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	4.0	3.7	3.5	3.2	2.9	2.7	2.5	2.2	1.9	1.8	1.8
75°	5.3	5.4	5.5	5.2	4.7	4.3	4.0	3.7	3.4	3.4	3.5
72.5°	9.7	9.7	9.3	9.3	8.7	8.4	8.5	8.4	8.1	8.3	8.6
70°	18.8	19.3	18.9	17.7	15.8	14.3	13.5	12.4	11.1	10.9	11.5
67.5°	29.6	28.3	26.6	24.4	21.1	18.3	16.9	15.5	14.2	13.9	14.3
65°	37.7	32.0	28.1	24.9	22.2	19.6	17.8	16.1	14.4	13.4	13.2
62.5°	36.4	29.9	25.6	22.6	20.2	18.0	15.9	13.7	11.7	10.4	10.4
60°	34.2	27.0	21.4	18.6	16.4	14.8	12.9	11.2	10.0	9.2	9.3
57.5°	29.0	21.2	16.2	15.0	13.5	11.8	10.5	9.9	9.4	9.2	9.2
55°	22.4	18.0	15.0	13.3	11.8	10.2	9.3	9.5	9.5	9.2	9.6
52.5°	18.5	15.9	13.8	12.3	11.5	11.1	10.9	10.9	11.1	11.4	11.7
50°	16.5	14.7	13.8	12.7	12.7	12.7	12.7	13.3	13.8	14.0	13.8
47.5°	16.7	16.0	16.8	14.6	15.0	16.4	16.4	16.6	17.8	18.1	18.0
45°	21.1	25.4	25.5	23.4	22.2	27.1	27.4	24.8	38.1	37.3	28.3
42.5°	37.5	40.0	40.2	42.4	47.0	61.8	89.1	113.8	117.7	103.4	70.9
40°	60.5	58.4	63.1	75.7	112.2	145.6	170.8	246.2	245.6	192.2	193.6
37.5°	98.5	96.3	103.4	141.7	153.5	132.7	186.9	192.1	164.5	196.1	198.9
35°	169.7	192.3	167.7	208.2	210.2	188.0	201.8	225.1	192.0	229.7	246.0
32.5°	309.3	349.3	353.1	350.0	370.9	391.2	379.3	436.1	446.3	484.1	525.6
30°	502.5	579.6	638.5	627.2	661.7	722.4	742.3	829.2	915.7	969.4	1100.9
27.5°	875.7	914.6	1035.4	1120.4	1100.7	1199.9	1396.7	1457.6	1705.9	1824.8	1996.0
25°	1386.7	1455.8	1627.8	1829.6	1916.0	2082.3	2402.0	2555.0	2881.1	3047.6	3675.3
22.5°	2019.7	2253.7	2469.6	2740.8	3129.9	3460.3	3815.7	4413.1	5383.8	6778.5	8443.5
20°	2742.5	3134.7	3461.2	3962.0	4607.0	5228.4	6147.9	8799.1	11614.8	17488.0	21478.3
17.5°	3426.4	4048.8	4505.0	5170.2	6122.8	7678.4	10845.9	16771.9	26085.3	37462.6	48322.9
15°	3960.0	4596.2	5441.8	6445.7	7900.8	10945.0	16730.8	28444.1	46200.9	63537.3	81778.2
12.5°	4410.9	5083.8	6010.6	7370.6	9546.8	15018.8	25421.5	43066.1	66474.1	92282.6	119551.7
10°	4701.1	5518.3	6628.1	8424.3	12040.7	19814.9	33338.9	56983.0	88447.1	122142.7	152451.6
7.5°	4752.2	5749.2	7155.1	9340.0	14515.2	24818.1	42755.8	70570.2	105030.0	142980.8	181152.6
5°	4772.5	5964.4	7600.6	10059.3	16215.1	28437.1	48180.6	79275.1	117538.0	156514.1	197595.9
2.5°	4827.0	6175.6	7927.5	10562.5	17195.8	30595.2	51315.5	85510.6	125877.7	168200.9	214004.8
0°	4940.3	6396.7	7998.2	10648.3	17401.3	30640.9	53123.9	89083.5	131316.8	174077.0	221853.0
-2.5°	5001.7	6368.4	7938.6	10473.4	17136.4	30645.8	51386.0	86597.7	128480.5	170200.7	218345.2
-5°	4896.3	6084.0	7571.3	9945.4	15977.1	28195.0	47933.6	80179.0	118836.6	156347.8	195062.4
-7.5°	4669.8	5683.9	7049.2	9195.9	14179.5	24396.2	41693.5	68171.3	100997.7	133608.3	163770.2
-10°	4406.1	5259.7	6379.6	8107.6	11639.1	19290.0	32623.0	53456.4	81652.6	109647.4	135101.4
-12.5°	4121.5	4786.3	5615.4	6810.6	9009.1	14565.1	24724.0	40691.7	60188.5	81307.3	104427.4
-15°	3878.3	4368.4	4996.9	6014.7	7691.7	10850.8	16596.2	27222.0	41202.6	57758.6	74801.6
-17.5°	3714.8	4079.2	4626.5	5403.0	6433.8	8310.2	12468.4	18768.3	27763.9	40155.0	51410.9
-20°	3597.4	3940.2	4374.5	4985.9	5849.2	7172.1	9206.8	13548.9	19468.3	27499.7	35140.0



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3513.7	3822.1	4189.2	4681.1	5452.1	6485.9	7784.7	9892.1	13619.9	18356.1	23667.6
-25°	3431.4	3687.1	4092.0	4620.9	5150.8	5890.6	6788.2	7823.0	9808.9	11914.6	15175.0
-27.5°	3337.1	3653.6	4105.9	4600.0	5077.5	5444.6	6081.9	6795.5	7847.1	8865.1	10540.1
-30°	3268.5	3673.1	4123.2	4598.1	4966.0	5290.5	5646.8	6192.2	6872.7	7592.2	8362.2
-32.5°	2926.9	3613.0	4074.8	4500.6	4804.9	5106.5	5422.1	5800.5	6235.6	6691.4	7159.1
-35°	2469.2	3199.8	3916.3	4250.2	4558.5	4862.6	5191.8	5498.4	5805.3	6113.6	6407.3
-37.5°	1908.1	2624.1	3301.0	3884.2	4238.3	4547.9	4898.9	5213.5	5482.6	5714.3	5940.4
-40°	1666.9	1917.0	2571.8	3185.6	3700.8	4191.6	4522.4	4870.9	5171.0	5384.7	5576.7
-42.5°	1600.5	1741.4	1886.5	2357.3	2926.2	3430.6	3879.3	4315.2	4727.8	5024.9	5253.2
-45°	1542.9	1662.1	1786.4	1925.3	2064.0	2506.2	2972.7	3442.2	3927.9	4362.6	4714.6
-47.5°	1436.3	1580.7	1703.1	1818.0	1928.2	2054.1	2184.1	2371.1	2797.3	3232.3	3628.8
-50°	1304.7	1439.9	1576.4	1712.3	1814.4	1911.0	2009.8	2121.4	2245.6	2372.3	2479.2
-52.5°	1161.2	1285.6	1411.7	1531.5	1645.9	1757.0	1865.5	1963.9	2056.4	2145.7	2198.2
-55°	1044.7	1144.3	1243.6	1346.3	1450.6	1552.2	1653.1	1754.8	1852.8	1946.4	1998.7
-57.5°	908.8	1008.1	1103.1	1181.4	1262.3	1344.9	1431.2	1518.9	1604.8	1684.8	1729.8
-60°	761.3	847.3	929.7	1005.7	1080.6	1153.9	1224.6	1294.1	1360.9	1419.0	1454.3
-62.5°	612.9	683.0	751.2	815.8	878.7	940.5	1006.6	1069.5	1128.5	1176.3	1205.7
-65°	486.2	539.7	587.1	633.7	679.6	732.4	788.8	842.1	892.1	931.1	956.8
-67.5°	344.3	390.3	433.8	475.3	513.4	551.1	591.2	630.3	668.0	697.2	717.9
-70°	217.0	246.0	274.7	305.3	338.7	371.8	404.8	435.3	463.1	483.9	499.7
-72.5°	118.3	132.3	146.9	168.5	189.4	211.5	234.2	255.7	275.7	289.8	300.3
-75°	56.2	62.4	73.7	83.7	92.6	102.4	112.2	121.3	129.6	133.9	136.4
-77.5°	38.5	41.6	44.4	46.9	49.2	52.0	55.2	58.3	61.4	63.4	65.0
-80°	28.7	29.9	31.2	32.4	33.7	35.0	36.3	37.5	38.6	39.6	40.5
-82.5°	20.7	21.4	22.0	22.6	23.1	24.0	24.9	25.8	26.5	27.3	28.0
-85°	14.5	14.9	15.3	15.6	15.8	16.3	16.9	17.4	18.0	18.1	18.2
-87.5°	10.3	10.9	11.4	12.0	12.5	12.6	12.7	12.7	12.8	12.8	12.8
-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: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.2	9.2	10.1	11.0	10.1	9.2	9.2	9.2	9.2	9.2	9.2
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	3.7	2.7	1.8	1.8	1.8	1.8	1.9	2.2
75°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.4	3.7
72.5°	8.9	9.0	9.2	9.2	9.2	9.0	8.9	8.6	8.3	8.1	8.4
70°	12.1	12.7	12.9	12.9	12.9	12.7	12.1	11.5	10.9	11.1	12.4
67.5°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.3	13.9	14.2	15.5
65°	13.1	13.0	12.1	11.0	12.1	13.0	13.1	13.2	13.4	14.4	16.1
62.5°	10.6	11.0	11.0	11.0	11.0	11.0	10.6	10.4	10.4	11.7	13.7
60°	9.3	9.3	9.2	9.2	9.2	9.3	9.3	9.3	9.2	10.0	11.2
57.5°	9.2	9.2	9.9	11.0	9.9	9.2	9.2	9.2	9.2	9.4	9.9
55°	10.1	10.7	11.0	11.0	11.0	10.7	10.1	9.6	9.2	9.5	9.5
52.5°	11.6	11.2	11.0	11.0	11.0	11.2	11.6	11.7	11.4	11.1	10.9
50°	13.5	13.0	12.9	12.9	12.9	13.0	13.5	13.8	14.0	13.8	13.3
47.5°	17.6	16.8	16.4	16.5	16.4	16.8	17.6	18.0	18.1	17.8	16.6
45°	28.9	29.0	29.1	29.4	29.1	29.0	28.9	28.3	37.3	38.1	24.8
42.5°	68.1	58.9	50.9	51.4	50.9	58.9	68.1	70.9	103.4	117.7	113.8
40°	174.5	130.5	86.8	73.5	86.8	130.5	174.5	193.6	192.2	245.6	246.2
37.5°	179.7	183.3	215.7	290.2	215.7	183.3	179.7	198.9	196.1	164.5	192.1
35°	251.1	254.9	246.0	240.6	246.0	254.9	251.1	246.0	229.7	192.0	225.1
32.5°	533.9	557.6	554.7	539.9	554.7	557.6	533.9	525.6	484.1	446.3	436.1
30°	1150.0	1210.1	1203.6	1215.8	1203.6	1210.1	1150.0	1100.9	969.4	915.7	829.2
27.5°	2063.9	2138.3	2151.8	2135.9	2151.8	2138.3	2063.9	1996.0	1824.8	1705.9	1457.6
25°	4096.9	4214.4	4171.5	4115.7	4171.5	4214.4	4096.9	3675.3	3047.6	2881.1	2555.0
22.5°	10390.0	10855.2	10807.4	10415.1	10807.4	10855.2	10390.0	8443.5	6778.5	5383.8	4413.1
20°	28545.5	31617.1	32953.9	31142.3	32953.9	31617.1	28545.5	21478.3	17488.0	11614.8	8799.1
17.5°	60420.6	69779.3	76433.6	79210.3	76433.6	69779.3	60420.6	48322.9	37462.6	26085.3	16771.9
15°	98832.6	112920.4	121113.6	120012.8	121113.6	112920.4	98832.6	81778.2	63537.3	46200.9	28444.1
12.5°	142116.5	158813.9	172651.6	172944.9	172651.6	158813.9	142116.5	119551.7	92282.6	66474.1	43066.1
10°	183983.0	207157.5	226044.2	229704.2	226044.2	207157.5	183983.0	152451.6	122142.7	88447.1	56983.0
7.5°	215392.4	250918.4	274626.7	283314.0	274626.7	250918.4	215392.4	181152.6	142980.8	105030.0	70570.2
5°	246432.3	283657.9	307815.3	312100.9	307815.3	283657.9	246432.3	197595.9	156514.1	117538.0	79275.1
2.5°	267368.2	304918.9	326058.6	340721.7	326058.6	304918.9	267368.2	214004.8	168200.9	125877.7	85510.6
0°	279631.6	310227.6	345207.4	361459.9	345207.4	310227.6	279631.6	221853.0	174077.0	131316.8	89083.5
-2.5°	270359.5	304779.2	324805.7	343274.4	324805.7	304779.2	270359.5	218345.2	170200.7	128480.5	86597.7
-5°	239650.9	277084.2	294776.7	297085.3	294776.7	277084.2	239650.9	195062.4	156347.8	118836.6	80179.0
-7.5°	195823.0	230676.3	247663.0	257040.3	247663.0	230676.3	195823.0	163770.2	133608.3	100997.7	68171.3
-10°	158520.6	178860.4	190295.6	191048.6	190295.6	178860.4	158520.6	135101.4	109647.4	81652.6	53456.4
-12.5°	122386.3	136029.5	142792.7	142545.4	142792.7	136029.5	122386.3	104427.4	81307.3	60188.5	40691.7
-15°	89809.2	100408.5	106509.1	109434.3	106509.1	100408.5	89809.2	74801.6	57758.6	41202.6	27222.0
-17.5°	63390.3	71810.6	77923.4	80393.0	77923.4	71810.6	63390.3	51410.9	40155.0	27763.9	18768.3
-20°	43215.2	48986.0	52951.9	54635.4	52951.9	48986.0	43215.2	35140.0	27499.7	19468.3	13548.9



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28465.3	32334.0	35053.2	34907.2	35053.2	32334.0	28465.3	23667.6	18356.1	13619.9	9892.1
-25°	18146.2	20273.4	21670.1	21783.3	21670.1	20273.4	18146.2	15175.0	11914.6	9808.9	7823.0
-27.5°	12010.3	12945.5	13509.1	13607.0	13509.1	12945.5	12010.3	10540.1	8865.1	7847.1	6795.5
-30°	9090.2	9520.6	9842.8	9829.2	9842.8	9520.6	9090.2	8362.2	7592.2	6872.7	6192.2
-32.5°	7557.1	7768.8	7909.9	8023.9	7909.9	7768.8	7557.1	7159.1	6691.4	6235.6	5800.5
-35°	6608.7	6716.5	6795.2	6866.8	6795.2	6716.5	6608.7	6407.3	6113.6	5805.3	5498.4
-37.5°	6070.4	6145.0	6194.4	6211.2	6194.4	6145.0	6070.4	5940.4	5714.3	5482.6	5213.5
-40°	5650.0	5692.1	5717.1	5731.9	5717.1	5692.1	5650.0	5576.7	5384.7	5171.0	4870.9
-42.5°	5334.5	5392.2	5422.0	5421.5	5422.0	5392.2	5334.5	5253.2	5024.9	4727.8	4315.2
-45°	4916.5	5062.3	5150.7	5188.2	5150.7	5062.3	4916.5	4714.6	4362.6	3927.9	3442.2
-47.5°	3953.7	4230.7	4425.0	4527.1	4425.0	4230.7	3953.7	3628.8	3232.3	2797.3	2371.1
-50°	2575.3	2667.9	2706.8	2690.5	2706.8	2667.9	2575.3	2479.2	2372.3	2245.6	2121.4
-52.5°	2237.1	2270.3	2290.5	2299.4	2290.5	2270.3	2237.1	2198.2	2145.7	2056.4	1963.9
-55°	2042.7	2079.6	2103.4	2115.7	2103.4	2079.6	2042.7	1998.7	1946.4	1852.8	1754.8
-57.5°	1767.3	1797.1	1815.3	1823.7	1815.3	1797.1	1767.3	1729.8	1684.8	1604.8	1518.9
-60°	1484.4	1508.8	1524.9	1533.5	1524.9	1508.8	1484.4	1454.3	1419.0	1360.9	1294.1
-62.5°	1229.4	1247.5	1263.4	1274.6	1263.4	1247.5	1229.4	1205.7	1176.3	1128.5	1069.5
-65°	977.8	993.9	1005.4	1011.9	1005.4	993.9	977.8	956.8	931.1	892.1	842.1
-67.5°	734.9	748.0	758.8	765.8	758.8	748.0	734.9	717.9	697.2	668.0	630.3
-70°	512.5	522.1	531.5	538.1	531.5	522.1	512.5	499.7	483.9	463.1	435.3
-72.5°	308.6	314.7	317.5	317.7	317.5	314.7	308.6	300.3	289.8	275.7	255.7
-75°	137.7	138.1	141.0	143.3	141.0	138.1	137.7	136.4	133.9	129.6	121.3
-77.5°	66.4	67.5	68.7	69.8	68.7	67.5	66.4	65.0	63.4	61.4	58.3
-80°	41.3	42.0	42.2	42.2	42.2	42.0	41.3	40.5	39.6	38.6	37.5
-82.5°	28.6	29.3	29.4	29.4	29.4	29.3	28.6	28.0	27.3	26.5	25.8
-85°	18.3	18.4	18.4	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.4
-87.5°	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.8	12.8	12.7
-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: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.2	9.2	9.2	8.7	8.3	7.8	7.3	7.3	7.3	7.3	7.3
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	2.3	2.4	2.4	2.7	2.9	3.2	3.4
77.5°	2.5	2.7	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.6
75°	4.0	4.3	4.7	5.2	5.5	5.4	5.3	5.2	5.2	5.3	5.4
72.5°	8.5	8.4	8.7	9.3	9.3	9.7	9.7	9.1	8.1	6.6	5.5
70°	13.5	14.3	15.8	17.7	18.9	19.3	18.8	17.3	14.9	13.0	10.4
67.5°	16.9	18.3	21.1	24.4	26.6	28.3	29.6	30.0	28.6	25.7	18.5
65°	17.8	19.6	22.2	24.9	28.1	32.0	37.7	40.6	40.8	38.8	30.0
62.5°	15.9	18.0	20.2	22.6	25.6	29.9	36.4	42.3	47.9	49.4	40.1
60°	12.9	14.8	16.4	18.6	21.4	27.0	34.2	41.1	47.7	48.0	45.1
57.5°	10.5	11.8	13.5	15.0	16.2	21.2	29.0	38.7	46.6	45.2	43.4
55°	9.3	10.2	11.8	13.3	15.0	18.0	22.4	29.5	38.2	41.1	39.6
52.5°	10.9	11.1	11.5	12.3	13.8	15.9	18.5	23.5	27.8	31.9	34.4
50°	12.7	12.7	12.7	12.7	13.8	14.7	16.5	19.2	22.2	25.5	28.1
47.5°	16.4	16.4	15.0	14.6	16.8	16.0	16.7	17.9	20.7	21.6	24.4
45°	27.4	27.1	22.2	23.4	25.5	25.4	21.1	22.8	23.1	23.3	22.0
42.5°	89.1	61.8	47.0	42.4	40.2	40.0	37.5	34.9	32.4	28.7	28.9
40°	170.8	145.6	112.2	75.7	63.1	58.4	60.5	52.8	47.5	41.3	42.9
37.5°	186.9	132.7	153.5	141.7	103.4	96.3	98.5	84.5	65.9	77.0	75.2
35°	201.8	188.0	210.2	208.2	167.7	192.3	169.7	137.2	121.1	138.4	124.7
32.5°	379.3	391.2	370.9	350.0	353.1	349.3	309.3	232.1	234.3	233.1	205.1
30°	742.3	722.4	661.7	627.2	638.5	579.6	502.5	488.5	430.1	352.8	307.7
27.5°	1396.7	1199.9	1100.7	1120.4	1035.4	914.6	875.7	850.2	694.6	550.2	439.0
25°	2402.0	2082.3	1916.0	1829.6	1627.8	1455.8	1386.7	1291.9	1091.6	805.2	611.0
22.5°	3815.7	3460.3	3129.9	2740.8	2469.6	2253.7	2019.7	1794.5	1557.3	1172.9	871.7
20°	6147.9	5228.4	4607.0	3962.0	3461.2	3134.7	2742.5	2357.5	2030.8	1636.6	1171.7
17.5°	10845.9	7678.4	6122.8	5170.2	4505.0	4048.8	3426.4	2858.8	2484.6	2130.5	1492.9
15°	16730.8	10945.0	7900.8	6445.7	5441.8	4596.2	3960.0	3306.6	2920.5	2582.4	1880.0
12.5°	25421.5	15018.8	9546.8	7370.6	6010.6	5083.8	4410.9	3774.3	3273.4	2815.6	2156.1
10°	33338.9	19814.9	12040.7	8424.3	6628.1	5518.3	4701.1	3954.0	3369.5	2938.9	2386.3
7.5°	42755.8	24818.1	14515.2	9340.0	7155.1	5749.2	4752.2	3978.5	3426.4	3026.5	2572.1
5°	48180.6	28437.1	16215.1	10059.3	7600.6	5964.4	4772.5	3934.9	3449.1	3083.4	2715.4
2.5°	51315.5	30595.2	17195.8	10562.5	7927.5	6175.6	4827.0	3941.4	3477.0	3121.0	2770.5
0°	53123.9	30640.9	17401.3	10648.3	7998.2	6396.7	4940.3	4007.3	3500.5	3144.2	2789.7
-2.5°	51386.0	30645.8	17136.4	10473.4	7938.6	6368.4	5001.7	4078.6	3556.8	3157.5	2782.2
-5°	47933.6	28195.0	15977.1	9945.4	7571.3	6084.0	4896.3	4051.2	3542.9	3138.3	2742.5
-7.5°	41693.5	24396.2	14179.5	9195.9	7049.2	5683.9	4669.8	3909.8	3410.3	3030.6	2617.5
-10°	32623.0	19290.0	11639.1	8107.6	6379.6	5259.7	4406.1	3729.8	3260.7	2911.0	2469.2
-12.5°	24724.0	14565.1	9009.1	6810.6	5615.4	4786.3	4121.5	3535.6	3096.4	2782.0	2302.0
-15°	16596.2	10850.8	7691.7	6014.7	4996.9	4368.4	3878.3	3413.4	3036.9	2683.7	2119.8
-17.5°	12468.4	8310.2	6433.8	5403.0	4626.5	4079.2	3714.8	3352.3	3004.6	2605.4	1950.7
-20°	9206.8	7172.1	5849.2	4985.9	4374.5	3940.2	3597.4	3298.3	2953.2	2414.0	1745.5



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7784.7	6485.9	5452.1	4681.1	4189.2	3822.1	3513.7	3229.2	2879.1	2161.3	1518.6
-25°	6788.2	5890.6	5150.8	4620.9	4092.0	3687.1	3431.4	3136.3	2593.9	1877.2	1306.6
-27.5°	6081.9	5444.6	5077.5	4600.0	4105.9	3653.6	3337.1	2990.2	2269.9	1615.3	1285.0
-30°	5646.8	5290.5	4966.0	4598.1	4123.2	3673.1	3268.5	2611.2	1939.2	1392.8	1269.2
-32.5°	5422.1	5106.5	4804.9	4500.6	4074.8	3613.0	2926.9	2204.7	1567.4	1366.9	1241.5
-35°	5191.8	4862.6	4558.5	4250.2	3916.3	3199.8	2469.2	1771.3	1460.3	1329.1	1204.3
-37.5°	4898.9	4547.9	4238.3	3884.2	3301.0	2624.1	1908.1	1568.7	1415.5	1280.1	1145.7
-40°	4522.4	4191.6	3700.8	3185.6	2571.8	1917.0	1666.9	1514.7	1371.1	1215.2	1074.3
-42.5°	3879.3	3430.6	2926.2	2357.3	1886.5	1741.4	1600.5	1464.0	1312.1	1147.3	1000.0
-45°	2972.7	2506.2	2064.0	1925.3	1786.4	1662.1	1542.9	1390.1	1228.6	1071.2	923.5
-47.5°	2184.1	2054.1	1928.2	1818.0	1703.1	1580.7	1436.3	1289.4	1132.3	985.8	861.1
-50°	2009.8	1911.0	1814.4	1712.3	1576.4	1439.9	1304.7	1169.2	1031.7	909.7	792.2
-52.5°	1865.5	1757.0	1645.9	1531.5	1411.7	1285.6	1161.2	1054.1	941.0	824.9	716.0
-55°	1653.1	1552.2	1450.6	1346.3	1243.6	1144.3	1044.7	941.9	836.1	730.0	629.9
-57.5°	1431.2	1344.9	1262.3	1181.4	1103.1	1008.1	908.8	812.9	720.2	625.2	537.5
-60°	1224.6	1153.9	1080.6	1005.7	929.7	847.3	761.3	677.0	595.1	524.9	455.3
-62.5°	1006.6	940.5	878.7	815.8	751.2	683.0	612.9	551.0	491.2	430.8	364.5
-65°	788.8	732.4	679.6	633.7	587.1	539.7	486.2	431.7	377.9	325.8	267.5
-67.5°	591.2	551.1	513.4	475.3	433.8	390.3	344.3	299.6	261.2	223.6	178.2
-70°	404.8	371.8	338.7	305.3	274.7	246.0	217.0	186.8	155.3	130.8	106.3
-72.5°	234.2	211.5	189.4	168.5	146.9	132.3	118.3	102.5	85.2	66.6	52.8
-75°	112.2	102.4	92.6	83.7	73.7	62.4	56.2	51.9	47.7	43.4	39.1
-77.5°	55.2	52.0	49.2	46.9	44.4	41.6	38.5	35.7	33.9	32.1	30.4
-80°	36.3	35.0	33.7	32.4	31.2	29.9	28.7	27.5	26.3	25.2	24.0
-82.5°	24.9	24.0	23.1	22.6	22.0	21.4	20.7	20.0	19.2	18.4	17.6
-85°	16.9	16.3	15.8	15.6	15.3	14.9	14.5	14.2	13.9	13.6	13.3
-87.5°	12.7	12.6	12.5	12.0	11.4	10.9	10.3	10.2	10.1	10.0	9.9
-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: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.5
87.5°	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7	3.7	3.7
85°	2.0	2.1	2.1	2.1	2.4	2.8	3.2	3.7	3.7	3.7	3.7
82.5°	2.4	2.7	3.0	3.2	3.2	3.2	3.4	3.7	3.8	3.7	3.7
80°	3.3	3.3	3.5	3.7	3.7	3.7	3.6	3.7	4.0	4.0	4.0
77.5°	4.1	3.9	3.7	3.7	3.7	3.7	3.7	3.8	4.2	4.4	4.4
75°	4.9	4.3	3.9	3.8	3.8	3.7	3.7	3.8	4.3	4.7	4.8
72.5°	5.3	4.9	4.3	3.9	4.2	4.2	4.0	3.9	4.3	4.8	5.2
70°	7.9	5.9	5.2	4.8	4.7	4.8	4.7	4.4	4.4	4.8	5.2
67.5°	12.0	9.1	7.0	5.7	5.2	5.2	5.4	5.1	4.8	4.9	5.3
65°	21.5	14.4	9.0	7.2	6.0	5.4	5.5	5.5	5.2	5.1	5.3
62.5°	30.7	21.5	14.7	9.5	6.7	5.8	5.5	5.7	5.6	5.3	5.4
60°	40.0	29.9	20.9	14.7	9.3	6.0	5.7	6.0	5.9	5.5	5.5
57.5°	40.4	37.1	29.3	20.6	13.7	8.0	5.9	6.3	6.3	5.8	5.5
55°	38.5	36.6	35.1	28.0	18.8	11.8	7.4	6.7	6.7	6.3	5.6
52.5°	34.2	36.0	36.4	33.3	25.3	16.0	10.8	7.2	7.2	6.8	6.1
50°	29.7	34.5	37.3	35.8	30.8	22.0	14.0	9.7	7.8	7.3	6.6
47.5°	27.8	33.5	37.4	38.3	34.2	27.9	18.7	12.2	8.5	7.9	7.1
45°	28.1	32.8	37.8	39.7	38.0	32.0	23.9	14.4	10.4	8.5	7.6
42.5°	30.4	34.5	37.8	41.8	40.4	35.4	28.8	18.6	12.1	9.1	8.1
40°	41.2	38.4	39.3	43.8	43.4	38.7	32.0	22.9	13.7	9.9	8.6
37.5°	55.8	48.9	44.4	50.1	47.9	42.0	34.9	27.0	15.8	11.2	9.1
35°	95.2	65.6	65.2	65.5	56.9	46.0	37.6	30.4	19.5	12.3	9.5
32.5°	145.3	113.1	110.2	91.7	69.3	50.5	40.9	33.3	23.2	13.3	9.9
30°	242.0	217.5	172.2	125.5	88.8	62.3	45.8	36.4	27.0	14.2	10.5
27.5°	401.0	346.3	256.5	182.8	121.4	77.5	52.5	39.6	30.6	15.8	11.2
25°	565.3	495.6	381.4	256.2	159.2	108.2	60.2	43.0	33.6	18.7	11.9
22.5°	724.5	650.8	522.5	339.7	214.4	147.8	76.8	49.1	36.2	21.5	12.5
20°	879.5	809.8	666.8	415.8	279.3	196.1	105.7	55.5	38.8	24.2	13.0
17.5°	1050.6	932.1	747.9	505.0	343.6	244.9	139.0	62.3	41.4	26.7	13.4
15°	1260.8	1004.5	826.1	584.2	400.9	293.5	175.5	69.3	43.8	29.0	14.0
12.5°	1449.0	1071.5	903.1	653.7	451.7	341.6	214.3	76.2	46.2	31.7	14.8
10°	1625.7	1133.0	977.4	713.7	496.4	388.6	253.8	84.1	49.9	34.7	15.6
7.5°	1787.0	1189.3	1047.4	764.4	533.1	420.9	278.3	93.7	53.8	37.5	16.4
5°	1918.7	1234.0	1096.1	799.0	551.1	436.5	296.1	103.0	57.6	40.0	17.1
2.5°	1980.6	1264.7	1126.1	824.9	566.4	448.6	309.2	111.6	61.1	42.2	17.8
0°	2012.9	1291.1	1146.0	843.0	578.5	457.3	317.7	119.4	64.3	44.1	18.4
-2.5°	2017.6	1297.0	1151.0	861.5	597.8	469.9	328.9	140.6	80.8	54.2	24.1
-5°	1992.2	1297.7	1147.4	871.9	613.2	478.9	336.4	160.5	96.6	63.7	29.6
-7.5°	1905.8	1278.1	1127.7	872.7	624.3	484.4	340.8	178.8	111.5	72.4	34.8
-10°	1783.8	1243.9	1089.8	857.9	634.7	492.3	344.4	195.2	125.0	80.2	39.4
-12.5°	1634.7	1205.3	1050.8	839.9	642.4	502.9	356.0	211.8	137.1	86.7	43.4
-15°	1459.4	1162.6	1013.1	820.4	647.0	511.5	364.1	226.5	148.1	92.5	46.7
-17.5°	1266.7	1116.2	978.7	800.6	648.7	518.4	368.8	237.8	157.3	97.6	49.7
-20°	1223.9	1088.6	948.4	781.8	647.6	524.0	370.3	245.2	164.5	101.1	52.3



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1207.6	1076.1	928.8	773.2	645.9	528.6	368.5	248.6	169.6	102.7	53.8
-25°	1190.6	1061.1	906.8	761.2	645.6	522.3	367.4	247.6	172.5	102.4	54.0
-27.5°	1170.7	1040.1	879.3	742.0	632.6	512.6	365.1	249.9	172.6	100.1	53.0
-30°	1148.1	1004.5	851.4	718.1	614.8	486.5	356.9	249.5	169.5	97.8	50.6
-32.5°	1116.1	963.2	816.7	694.8	585.4	458.0	338.4	245.9	163.6	94.9	48.9
-35°	1061.8	915.7	774.7	665.9	551.1	431.0	318.8	239.1	154.9	90.1	46.8
-37.5°	1001.6	861.7	737.8	629.7	515.4	401.5	303.8	223.9	143.2	83.2	43.5
-40°	938.1	809.0	697.2	589.3	479.7	369.5	285.5	204.9	132.4	74.3	39.2
-42.5°	871.0	759.6	652.3	547.6	442.1	345.6	263.8	183.2	118.4	66.7	33.7
-45°	811.8	705.8	603.6	502.5	403.6	318.4	236.5	159.6	102.2	59.2	29.3
-47.5°	748.2	649.2	550.6	453.5	369.0	286.8	206.0	138.9	84.1	50.1	27.3
-50°	683.3	587.8	493.2	407.5	329.4	249.1	174.3	115.9	71.6	39.2	25.0
-52.5°	614.5	521.3	437.4	360.4	283.0	208.0	145.4	91.7	58.0	33.4	22.3
-55°	536.9	456.7	381.9	306.0	232.2	169.9	113.9	74.8	43.3	29.7	19.6
-57.5°	463.3	392.1	317.6	245.7	184.1	130.5	88.5	56.6	36.3	25.7	18.6
-60°	386.7	315.7	247.0	189.1	137.0	96.4	66.4	41.8	31.3	22.1	17.4
-62.5°	299.1	236.8	183.1	133.5	97.5	69.4	46.1	35.8	26.1	20.7	16.2
-65°	215.3	165.5	120.1	92.2	65.9	46.5	38.7	29.5	23.5	19.1	15.1
-67.5°	134.1	105.8	79.6	55.6	45.1	38.1	31.0	25.9	21.5	17.4	14.2
-70°	81.8	58.8	48.1	42.1	35.9	30.2	27.0	23.3	19.3	16.2	13.3
-72.5°	47.6	42.5	37.4	32.4	29.3	26.4	23.7	20.8	17.7	14.9	12.3
-75°	34.8	32.3	29.9	27.5	25.0	22.6	20.8	18.8	16.1	13.5	11.2
-77.5°	28.5	26.5	24.5	22.7	21.1	19.6	18.2	16.7	14.4	12.1	10.1
-80°	22.5	21.1	19.8	18.6	17.5	16.5	15.6	14.6	12.6	10.7	8.9
-82.5°	16.7	16.1	15.5	14.9	14.3	13.7	13.1	12.4	10.7	9.2	7.9
-85°	12.9	12.6	12.2	11.8	11.4	11.0	10.6	10.1	9.0	8.0	7.1
-87.5°	9.8	9.7	9.6	9.4	9.1	8.7	8.3	7.8	7.2	6.7	6.3
-90°	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7	3.7	3.7



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.5	5.5	5.5	5.5	5.5	4.6	3.7
87.5°	3.7	3.8	3.9	3.9	3.9	3.8	3.7
85°	3.7	3.9	4.0	4.1	4.0	3.9	3.7
82.5°	3.7	4.0	4.2	4.2	4.2	3.9	3.7
80°	3.8	4.1	4.3	4.4	4.3	4.0	3.7
77.5°	4.3	4.3	4.5	4.6	4.5	4.1	3.7
75°	4.7	4.6	4.7	4.8	4.6	4.2	3.7
72.5°	5.1	4.9	4.8	5.0	4.8	4.2	3.7
70°	5.5	5.1	5.0	5.1	4.9	4.3	3.7
67.5°	5.5	5.4	5.1	5.2	5.1	4.4	3.7
65°	5.5	5.5	5.3	5.3	5.2	4.5	3.7
62.5°	5.5	5.5	5.4	5.3	5.4	4.5	3.7
60°	5.5	5.5	5.5	5.4	5.5	4.6	3.7
57.5°	5.6	5.5	5.5	5.4	5.5	4.7	3.7
55°	5.7	5.5	5.5	5.4	5.5	4.7	3.7
52.5°	5.8	5.5	5.5	5.5	5.5	4.8	3.7
50°	6.0	5.7	5.5	5.5	5.5	4.9	3.7
47.5°	6.2	5.9	5.5	5.5	5.5	4.9	3.7
45°	6.7	6.1	5.5	5.5	5.5	5.0	3.7
42.5°	7.1	6.3	5.5	5.5	5.5	5.0	3.7
40°	7.5	6.5	5.6	5.5	5.5	5.1	3.7
37.5°	7.9	6.8	5.8	5.5	5.5	5.1	3.7
35°	8.3	7.1	6.0	5.5	5.5	5.2	3.7
32.5°	8.7	7.4	6.1	5.5	5.5	5.2	3.7
30°	9.0	7.7	6.3	5.5	5.5	5.3	3.7
27.5°	9.4	8.0	6.5	5.5	5.5	5.3	3.7
25°	9.7	8.2	6.6	5.5	5.5	5.3	3.7
22.5°	10.0	8.5	6.7	5.5	5.5	5.4	3.7
20°	10.3	8.6	6.9	5.5	5.5	5.4	3.7
17.5°	10.6	8.8	7.0	5.5	5.5	5.4	3.7
15°	10.9	8.9	7.1	5.5	5.5	5.4	3.7
12.5°	11.3	9.0	7.1	5.5	5.5	5.5	3.7
10°	11.6	9.1	7.2	5.5	5.5	5.5	3.7
7.5°	12.0	9.1	7.2	5.5	5.5	5.5	3.7
5°	12.3	9.2	7.3	5.5	5.5	5.5	3.7
2.5°	12.6	9.2	7.3	5.5	5.5	5.5	3.7
0°	12.9	9.2	7.3	5.5	5.5	5.5	3.7
-2.5°	15.1	10.0	7.6	5.7	5.6	5.5	3.7
-5°	17.2	10.8	7.9	6.0	5.7	5.5	3.7
-7.5°	19.1	11.5	8.2	6.2	5.7	5.5	3.7
-10°	20.9	12.1	8.5	6.4	5.8	5.5	3.7
-12.5°	22.4	12.7	8.7	6.7	5.9	5.5	3.7
-15°	23.7	13.3	9.0	6.9	5.9	5.4	3.7
-17.5°	24.6	13.7	9.2	7.1	6.0	5.4	3.7
-20°	25.5	14.0	9.4	7.2	6.0	5.4	3.7



REPORT NUMBER: P1305721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.4	14.2	9.6	7.4	6.1	5.4	3.7
-25°	26.6	14.4	9.8	7.5	6.1	5.4	3.7
-27.5°	26.2	14.5	9.9	7.6	6.1	5.3	3.7
-30°	25.2	14.4	10.1	7.7	6.2	5.3	3.7
-32.5°	23.4	14.1	10.1	7.8	6.2	5.3	3.7
-35°	22.4	13.7	10.2	7.8	6.2	5.3	3.7
-37.5°	21.9	13.3	10.2	7.8	6.1	5.2	3.7
-40°	21.1	13.3	10.1	7.8	6.1	5.2	3.7
-42.5°	20.0	13.2	10.1	7.7	6.1	5.2	3.7
-45°	18.6	13.0	10.0	7.6	6.0	5.2	3.7
-47.5°	17.0	12.8	9.8	7.5	6.0	5.1	3.7
-50°	16.4	12.5	9.6	7.4	5.9	5.1	3.7
-52.5°	15.8	12.0	9.4	7.3	5.8	5.1	3.7
-55°	15.1	11.7	9.2	7.2	5.7	5.0	3.7
-57.5°	14.4	11.3	8.9	7.0	5.6	5.0	3.7
-60°	13.5	10.9	8.6	6.8	5.5	5.0	3.7
-62.5°	12.9	10.4	8.3	6.6	5.5	5.0	3.7
-65°	12.3	10.0	8.0	6.4	5.5	4.9	3.7
-67.5°	11.6	9.4	7.6	6.2	5.5	4.9	3.7
-70°	10.8	8.9	7.2	5.9	5.5	4.9	3.7
-72.5°	10.0	8.3	6.8	5.8	5.5	4.8	3.7
-75°	9.1	7.7	6.4	5.8	5.5	4.8	3.7
-77.5°	8.3	7.0	6.2	5.8	5.5	4.8	3.7
-80°	7.4	6.6	6.1	5.7	5.5	4.7	3.7
-82.5°	6.9	6.4	6.0	5.7	5.5	4.7	3.7
-85°	6.4	6.1	5.8	5.6	5.5	4.7	3.7
-87.5°	6.0	5.8	5.7	5.6	5.5	4.6	3.7
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7

(END OF REPORT)