

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: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

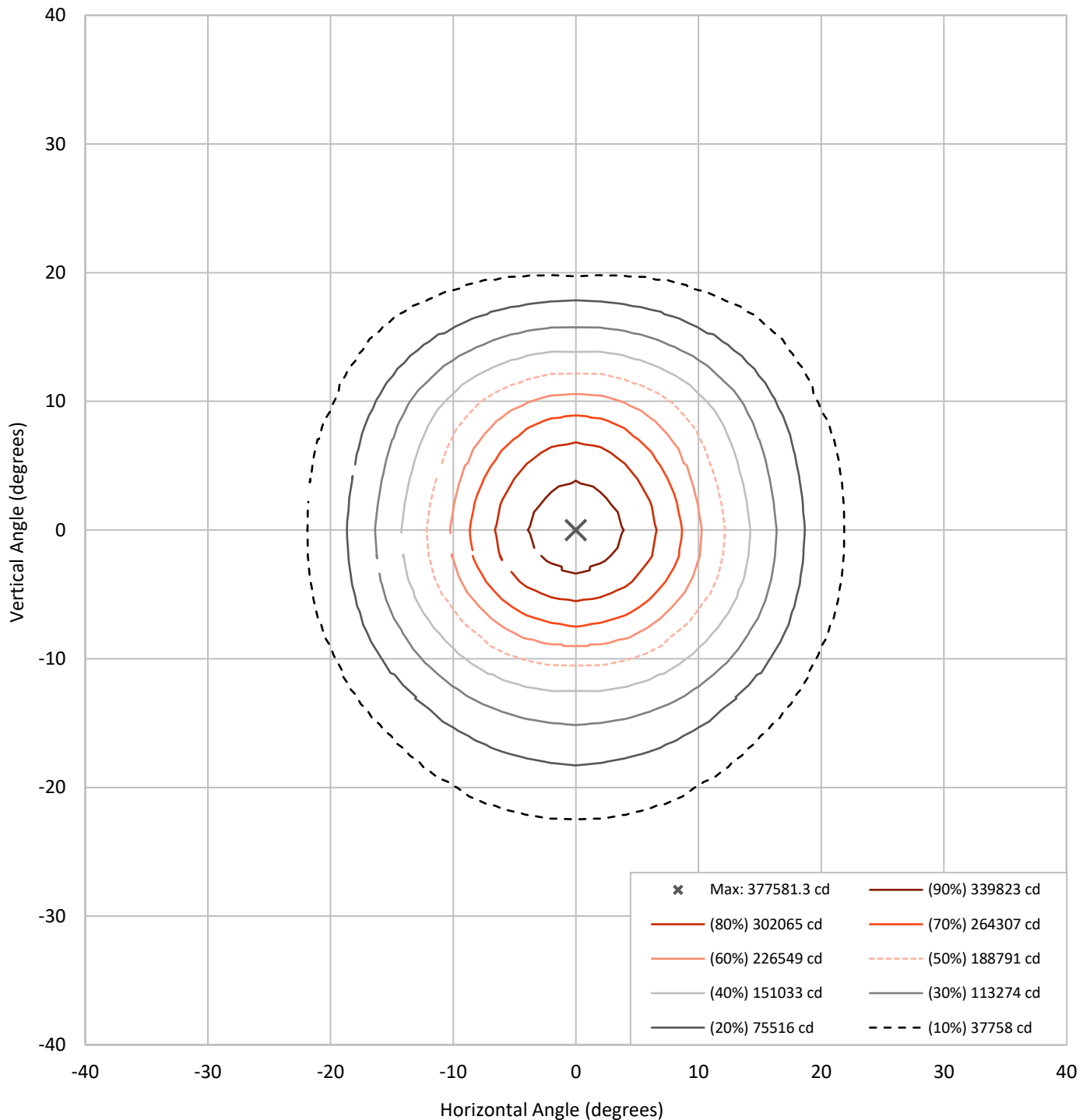
Test Method: LM-79-08
Report Number: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 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:	78256.8 lumens	Max Intensity:	377581.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.8 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:	36901.7 lumens	Field Lumens:	66664.6 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: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

Iso-Candela Plot





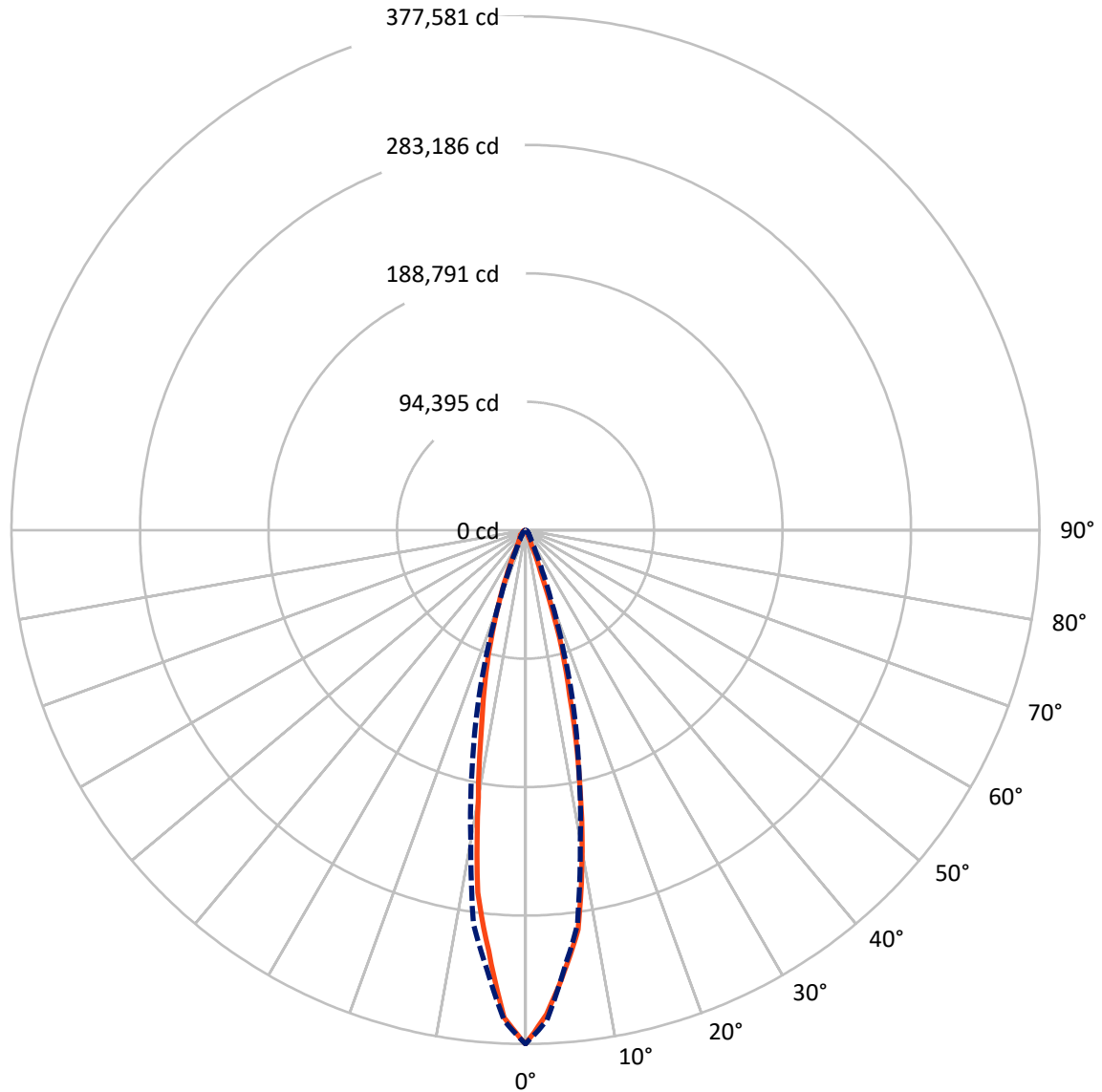
REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

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	0.6	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	0.7	0.6	0.7	1.1	2.1	1.4	1.4	2.1	1.1	0.7	0.6	0.7	0.2	0.2			
40		0.4	1.3	3.1	5.5	8.0	10.9	13.1	13.1	10.9	8.0	5.5	3.1	1.3	0.4				
30	0.2	0.7	5.3	16.7	38.6	64.3	132.0	254.0	254.0	132.0	64.3	38.6	16.7	5.3	0.7	0.2			
20		1.6	11.4	42.5	102.9	272.4	1499.7	3539.3	3539.3	1499.7	272.4	102.9	42.5	11.4	1.6				
10	0.4	2.5	15.1	56.6	132.4	580.9	3595.4	8432.0	8432.0	3595.4	580.9	132.4	56.6	15.1	2.5	0.4			
0		3.1	16.2	57.5	132.7	575.2	3532.6	8080.4	8080.4	3532.6	575.2	132.7	57.5	16.2	3.1				
-10	0.7	3.6	15.4	47.7	104.3	274.6	1432.2	3232.5	3232.5	1432.2	274.6	104.3	47.7	15.4	3.6	0.7			
-20		3.8	14.3	35.7	88.9	155.7	356.4	728.6	728.6	356.4	155.7	88.9	35.7	14.3	3.8				
-30	0.6	3.4	12.3	27.1	65.6	128.7	180.8	222.0	222.0	180.8	128.7	65.6	27.1	12.3	3.4	0.6			
-40		2.4	9.3	21.3	39.8	70.7	115.7	148.2	148.2	115.7	70.7	39.8	21.3	9.3	2.4				
-50	0.3	1.2	5.7	14.3	27.2	41.8	56.0	64.8	64.8	56.0	41.8	27.2	14.3	5.7	1.2	0.3			
-60		0.5	2.0	6.2	12.7	20.1	27.4	31.6	31.6	27.4	20.1	12.7	6.2	2.0	0.5				
-70	0.2	1.1	4.0	10.3	14.0	10.3	4.0	1.1	0.2						0.2				
-80		0.2	1.1	4.0	10.3	14.0	10.3	4.0	1.1	0.2									
-90	0.2	1.1	4.0	10.3	14.0	10.3	4.0	1.1	0.2						0.2				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

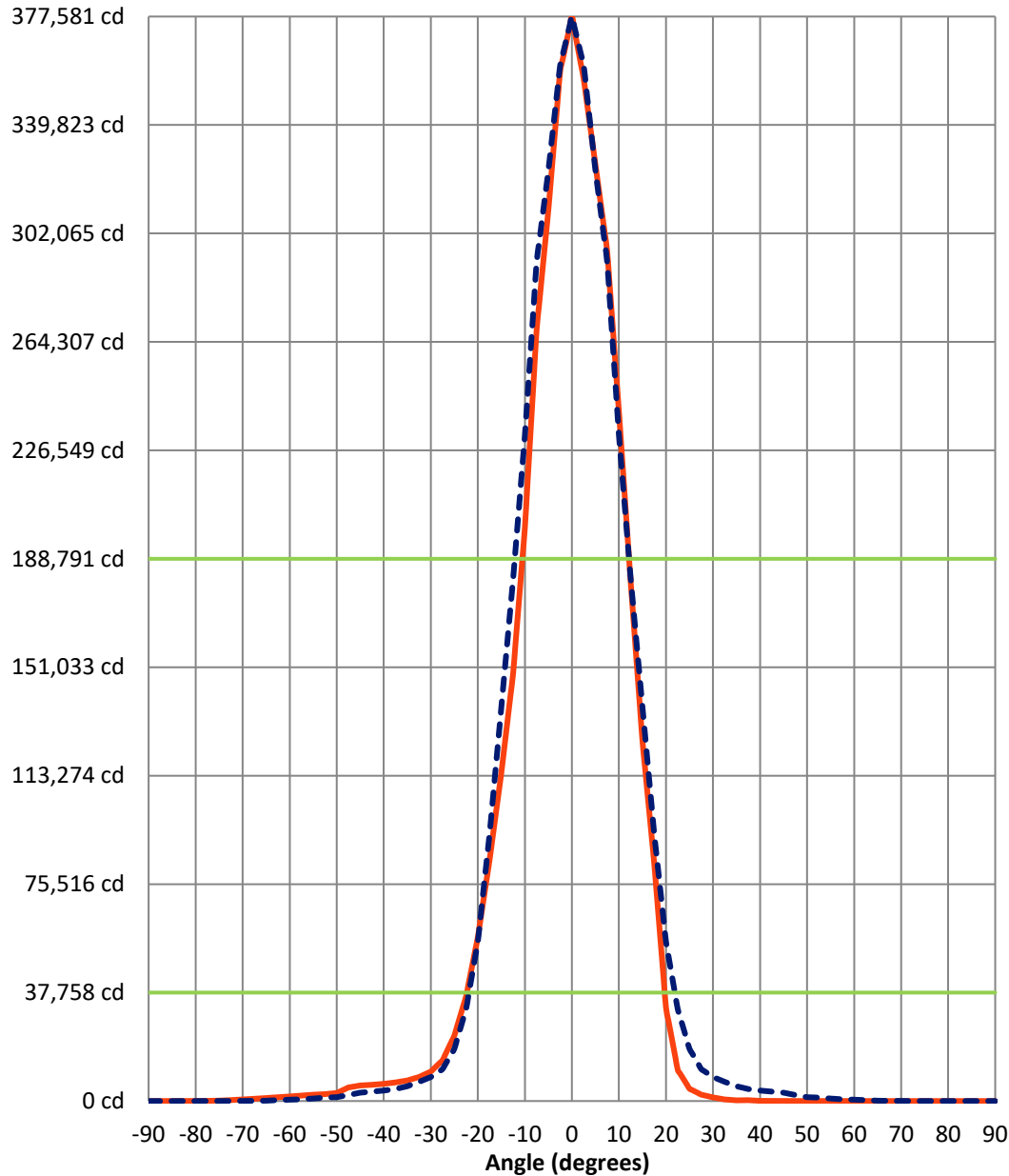
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 36901.7
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 66664.6
Efficiency: 85.2%

Spill:
Lumens: 11592.2
Efficiency: 14.8%

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



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.8	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.8	3.9	4.0	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8
85°	3.8	4.0	4.1	4.2	4.1	4.0	3.8	3.8	3.8	3.8	3.8
82.5°	3.8	4.1	4.3	4.4	4.3	4.1	3.8	3.8	3.8	3.9	3.8
80°	3.8	4.1	4.5	4.6	4.5	4.3	3.9	4.1	4.2	4.1	3.8
77.5°	3.8	4.2	4.7	4.8	4.7	4.5	4.4	4.6	4.6	4.3	3.9
75°	3.8	4.3	4.8	5.0	4.9	4.8	4.9	5.1	4.9	4.4	4.0
72.5°	3.8	4.4	5.0	5.2	5.1	5.1	5.4	5.5	5.0	4.5	4.0
70°	3.8	4.5	5.2	5.4	5.2	5.4	5.8	5.5	5.0	4.6	4.6
67.5°	3.8	4.6	5.3	5.5	5.4	5.7	5.8	5.6	5.1	5.0	5.3
65°	3.8	4.6	5.5	5.5	5.5	5.8	5.8	5.6	5.4	5.5	5.8
62.5°	3.8	4.7	5.6	5.6	5.7	5.8	5.8	5.7	5.6	5.9	6.0
60°	3.8	4.8	5.8	5.6	5.8	5.8	5.8	5.8	5.8	6.2	6.3
57.5°	3.8	4.9	5.8	5.7	5.8	5.8	5.9	5.8	6.2	6.6	6.6
55°	3.8	4.9	5.8	5.7	5.8	5.8	6.0	5.9	6.6	7.1	7.1
52.5°	3.8	5.0	5.8	5.8	5.8	5.8	6.2	6.4	7.2	7.6	7.6
50°	3.8	5.1	5.8	5.8	5.8	6.0	6.3	6.9	7.7	8.2	10.1
47.5°	3.8	5.2	5.8	5.8	5.8	6.2	6.6	7.5	8.3	8.8	12.7
45°	3.8	5.2	5.8	5.8	5.8	6.4	7.0	8.0	8.9	10.8	15.0
42.5°	3.8	5.3	5.8	5.8	5.8	6.6	7.5	8.5	9.5	12.7	19.3
40°	3.8	5.3	5.8	5.8	5.9	6.9	7.9	9.0	10.4	14.3	23.9
37.5°	3.8	5.4	5.8	5.8	6.1	7.1	8.3	9.5	11.6	16.4	28.2
35°	3.8	5.4	5.8	5.8	6.3	7.4	8.7	9.9	12.8	20.3	31.7
32.5°	3.8	5.5	5.8	5.8	6.5	7.8	9.1	10.4	13.8	24.2	34.8
30°	3.8	5.5	5.8	5.8	6.7	8.1	9.4	10.9	14.8	28.1	38.1
27.5°	3.8	5.6	5.8	5.8	6.8	8.4	9.8	11.7	16.5	32.0	41.4
25°	3.8	5.6	5.8	5.8	7.0	8.6	10.1	12.4	19.5	35.1	44.9
22.5°	3.8	5.6	5.8	5.8	7.1	8.9	10.5	13.0	22.5	37.8	51.2
20°	3.8	5.7	5.8	5.8	7.2	9.0	10.8	13.6	25.3	40.6	58.0
17.5°	3.8	5.7	5.8	5.8	7.3	9.2	11.1	14.0	27.9	43.2	65.0
15°	3.8	5.7	5.8	5.8	7.4	9.3	11.4	14.6	30.3	45.8	72.3
12.5°	3.8	5.8	5.8	5.8	7.5	9.4	11.8	15.4	33.1	48.2	79.6
10°	3.8	5.8	5.8	5.8	7.6	9.5	12.1	16.3	36.2	52.2	87.8
7.5°	3.8	5.8	5.8	5.8	7.6	9.5	12.5	17.1	39.1	56.2	97.8
5°	3.8	5.8	5.8	5.8	7.7	9.6	12.8	17.8	41.8	60.1	107.5
2.5°	3.8	5.8	5.8	5.8	7.7	9.6	13.1	18.5	44.1	63.8	116.6
0°	3.8	5.8	5.8	5.8	7.7	9.6	13.4	19.2	46.0	67.1	124.7
-2.5°	3.8	5.8	5.9	6.0	8.0	10.4	15.7	25.2	56.6	84.4	146.9
-5°	3.8	5.8	6.0	6.3	8.3	11.3	17.9	30.9	66.5	100.9	167.6
-7.5°	3.8	5.8	6.0	6.5	8.6	12.0	19.9	36.3	75.6	116.4	186.7
-10°	3.8	5.8	6.1	6.8	8.9	12.7	21.8	41.2	83.7	130.6	203.9
-12.5°	3.8	5.8	6.2	7.0	9.2	13.3	23.4	45.4	90.6	143.3	221.3
-15°	3.8	5.7	6.3	7.2	9.4	13.9	24.7	48.8	96.7	154.7	236.6
-17.5°	3.8	5.7	6.3	7.4	9.7	14.3	25.8	51.9	102.0	164.3	248.4
-20°	3.8	5.7	6.4	7.6	9.9	14.7	26.7	54.6	105.6	171.9	256.2



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.8	5.7	6.4	7.7	10.1	14.9	27.6	56.2	107.3	177.2	259.7
-25°	3.8	5.7	6.5	7.9	10.2	15.1	27.9	56.4	107.0	180.2	258.6
-27.5°	3.8	5.6	6.5	8.0	10.4	15.1	27.4	55.4	104.6	180.3	261.1
-30°	3.8	5.6	6.5	8.1	10.5	15.0	26.3	52.9	102.2	177.1	260.6
-32.5°	3.8	5.6	6.5	8.1	10.6	14.8	24.5	51.1	99.2	171.0	256.9
-35°	3.8	5.5	6.5	8.2	10.6	14.3	23.5	48.9	94.1	161.8	249.7
-37.5°	3.8	5.5	6.5	8.2	10.6	13.9	22.9	45.5	86.9	149.7	233.8
-40°	3.8	5.5	6.4	8.2	10.6	13.9	22.0	41.0	77.6	138.3	214.1
-42.5°	3.8	5.5	6.4	8.1	10.5	13.8	20.9	35.3	69.7	123.7	191.4
-45°	3.8	5.4	6.4	8.1	10.4	13.6	19.5	30.7	61.8	106.7	166.8
-47.5°	3.8	5.4	6.3	8.0	10.3	13.3	17.8	28.6	52.4	87.9	145.1
-50°	3.8	5.4	6.2	7.8	10.1	13.0	17.1	26.2	41.0	74.8	121.1
-52.5°	3.8	5.3	6.1	7.7	9.9	12.5	16.5	23.4	34.9	60.6	95.8
-55°	3.8	5.3	6.0	7.5	9.6	12.2	15.8	20.5	31.0	45.2	78.1
-57.5°	3.8	5.3	5.9	7.4	9.4	11.8	15.0	19.4	26.9	37.9	59.2
-60°	3.8	5.2	5.8	7.2	9.1	11.4	14.1	18.2	23.1	32.7	43.7
-62.5°	3.8	5.2	5.8	7.0	8.8	10.9	13.5	16.9	21.6	27.3	37.4
-65°	3.8	5.2	5.8	6.7	8.4	10.4	12.8	15.7	19.9	24.6	30.8
-67.5°	3.8	5.1	5.8	6.5	8.0	9.9	12.1	14.8	18.1	22.4	27.0
-70°	3.8	5.1	5.8	6.2	7.6	9.3	11.3	13.8	16.9	20.2	24.4
-72.5°	3.8	5.1	5.8	6.2	7.2	8.7	10.5	12.8	15.6	18.5	21.8
-75°	3.8	5.0	5.8	6.1	6.8	8.1	9.6	11.7	14.2	16.8	19.7
-77.5°	3.8	5.0	5.8	6.1	6.6	7.4	8.7	10.6	12.7	15.1	17.6
-80°	3.8	5.0	5.8	6.0	6.4	7.0	7.8	9.4	11.2	13.2	15.3
-82.5°	3.8	4.9	5.8	6.0	6.3	6.7	7.3	8.3	9.7	11.2	13.0
-85°	3.8	4.9	5.8	5.9	6.1	6.4	6.8	7.5	8.4	9.4	10.6
-87.5°	3.8	4.8	5.8	5.9	6.0	6.1	6.3	6.7	7.1	7.6	8.2
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.3	6.8	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	3.3	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	3.3	2.9	2.5	2.2	2.2	2.2	2.1	1.9	1.9	1.9	1.9
82.5°	3.5	3.3	3.3	3.3	3.1	2.8	2.5	2.2	2.2	2.2	2.1
80°	3.7	3.8	3.8	3.8	3.6	3.4	3.4	3.5	3.3	3.0	2.8
77.5°	3.8	3.8	3.8	3.8	3.8	4.0	4.3	4.8	4.8	4.6	4.3
75°	3.8	3.8	3.9	3.9	4.0	4.5	5.1	5.6	5.6	5.5	5.5
72.5°	4.1	4.4	4.3	4.0	4.4	5.1	5.6	5.8	6.9	8.5	9.5
70°	4.9	5.0	4.9	5.0	5.4	6.3	8.2	10.9	13.6	15.5	18.1
67.5°	5.7	5.4	5.5	6.0	7.4	9.5	12.5	19.3	26.9	29.9	31.3
65°	5.8	5.7	6.3	7.5	9.4	15.1	22.5	31.3	40.5	42.6	42.4
62.5°	5.8	6.1	7.1	10.0	15.3	22.4	32.1	42.0	51.6	50.0	44.2
60°	6.0	6.3	9.7	15.3	21.8	31.3	41.9	47.1	50.2	49.9	42.9
57.5°	6.2	8.4	14.3	21.5	30.7	38.8	42.3	45.4	47.2	48.7	40.4
55°	7.8	12.3	19.6	29.3	36.7	38.3	40.3	41.4	43.0	39.9	30.9
52.5°	11.3	16.7	26.4	34.8	38.0	37.7	35.8	36.0	33.3	29.1	24.5
50°	14.5	23.0	32.2	37.4	39.0	36.1	31.0	29.4	26.6	23.2	20.1
47.5°	19.5	29.1	35.7	40.1	39.1	35.0	29.1	25.5	22.6	21.7	18.7
45°	24.9	33.4	39.6	41.5	39.5	34.3	29.4	22.9	24.3	24.1	23.9
42.5°	30.1	37.0	42.2	43.7	39.5	36.0	31.7	30.2	30.1	33.9	36.5
40°	33.4	40.4	45.3	45.7	41.0	40.1	43.0	44.9	43.2	49.7	55.2
37.5°	36.4	43.9	50.0	52.3	46.4	51.1	58.4	78.6	80.5	68.9	88.3
35°	39.2	48.0	59.4	68.4	68.1	68.5	99.5	130.2	144.5	126.5	143.3
32.5°	42.7	52.7	72.4	95.8	115.1	118.2	151.7	214.2	243.5	244.8	242.4
30°	47.8	65.1	92.8	131.1	179.9	227.2	252.8	321.4	368.6	449.2	510.3
27.5°	54.8	81.0	126.9	190.9	267.9	361.8	418.9	458.6	574.8	725.5	888.1
25°	62.8	113.1	166.3	267.7	398.4	517.7	590.5	638.2	841.1	1140.2	1349.5
22.5°	80.2	154.4	224.0	354.9	545.8	679.9	756.8	910.6	1225.2	1626.8	1874.5
20°	110.4	204.9	291.8	434.4	696.6	845.9	918.7	1224.0	1709.6	2121.4	2462.6
17.5°	145.2	255.9	359.0	527.5	781.3	973.7	1097.4	1559.5	2225.6	2595.5	2986.4
15°	183.4	306.7	418.8	610.3	863.0	1049.3	1317.0	1963.9	2697.6	3050.8	3454.1
12.5°	223.9	356.9	471.8	682.9	943.4	1119.2	1513.6	2252.3	2941.2	3419.5	3942.7
10°	265.2	406.0	518.6	745.5	1021.1	1183.5	1698.2	2492.7	3070.0	3519.8	4130.4
7.5°	290.8	439.8	556.9	798.5	1094.1	1242.3	1866.7	2686.8	3161.5	3579.2	4156.0
5°	309.4	456.0	575.7	834.6	1145.0	1289.0	2004.2	2836.5	3220.9	3602.9	4110.5
2.5°	323.0	468.7	591.6	861.7	1176.3	1321.1	2068.9	2894.1	3260.2	3632.0	4117.2
0°	331.9	477.7	604.3	880.6	1197.1	1348.7	2102.6	2914.1	3284.4	3656.6	4186.1
-2.5°	343.6	490.8	624.5	899.9	1202.4	1354.8	2107.6	2906.3	3298.3	3715.4	4260.5
-5°	351.4	500.3	640.6	910.7	1198.6	1355.6	2081.1	2864.8	3278.2	3700.9	4231.9
-7.5°	356.0	506.1	652.2	911.6	1178.0	1335.2	1990.8	2734.3	3165.7	3562.4	4084.2
-10°	359.8	514.2	663.0	896.1	1138.4	1299.4	1863.4	2579.3	3040.8	3406.2	3896.2
-12.5°	371.9	525.3	671.1	877.4	1097.7	1259.1	1707.6	2404.7	2906.1	3234.6	3693.4
-15°	380.4	534.3	675.9	856.9	1058.3	1214.5	1524.5	2214.3	2803.4	3172.3	3565.8
-17.5°	385.3	541.6	677.6	836.3	1022.3	1166.0	1323.2	2037.7	2721.6	3138.6	3501.8
-20°	386.8	547.4	676.5	816.6	990.7	1137.2	1278.5	1823.3	2521.7	3084.9	3445.4



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	384.9	552.2	674.7	807.7	970.3	1124.2	1261.5	1586.3	2257.7	3007.5	3373.2
-25°	383.8	545.6	674.4	795.1	947.2	1108.5	1243.8	1364.8	1960.9	2709.6	3276.1
-27.5°	381.3	535.5	660.8	775.1	918.4	1086.5	1222.9	1342.3	1687.3	2371.1	3123.6
-30°	372.8	508.2	642.2	750.1	889.3	1049.3	1199.3	1325.9	1454.9	2025.6	2727.6
-32.5°	353.5	478.4	611.6	725.8	853.1	1006.1	1165.9	1296.9	1427.8	1637.3	2303.0
-35°	333.0	450.3	575.7	695.6	809.3	956.5	1109.2	1258.0	1388.3	1525.3	1850.2
-37.5°	317.3	419.4	538.4	657.8	770.8	900.1	1046.2	1196.8	1337.2	1478.6	1638.6
-40°	298.2	386.0	501.1	615.6	728.2	845.0	979.9	1122.2	1269.3	1432.2	1582.2
-42.5°	275.5	361.1	461.8	572.1	681.3	793.4	909.8	1044.6	1198.4	1370.6	1529.3
-45°	247.0	332.7	421.6	524.9	630.6	737.3	847.9	964.6	1118.9	1283.3	1452.0
-47.5°	215.2	299.6	385.5	473.8	575.2	678.2	781.6	899.4	1029.7	1182.8	1346.8
-50°	182.1	260.3	344.2	425.8	515.2	614.1	713.8	827.5	950.2	1077.7	1221.3
-52.5°	151.9	217.3	295.6	376.5	456.9	544.6	642.0	747.9	861.7	982.9	1101.1
-55°	119.0	177.5	242.5	319.6	398.9	477.1	560.8	658.0	762.6	873.3	983.9
-57.5°	92.5	136.4	192.3	256.7	331.8	409.5	483.9	561.5	653.0	752.3	849.1
-60°	69.4	100.7	143.1	197.6	258.0	329.7	403.9	475.6	548.3	621.6	707.2
-62.5°	48.2	72.5	101.9	139.5	191.3	247.4	312.4	380.7	450.0	513.1	575.6
-65°	40.4	48.6	68.8	96.3	125.5	172.9	224.9	279.5	340.3	394.8	450.9
-67.5°	32.3	39.8	47.1	58.1	83.1	110.6	140.1	186.1	233.6	272.9	313.0
-70°	28.2	31.5	37.5	44.0	50.3	61.5	85.4	111.1	136.7	162.2	195.1
-72.5°	24.8	27.6	30.6	33.8	39.0	44.3	49.8	55.2	69.6	89.0	107.0
-75°	21.8	23.6	26.0	28.6	31.2	33.7	36.4	40.9	45.3	49.8	54.3
-77.5°	19.1	20.5	22.0	23.7	25.5	27.7	29.8	31.8	33.6	35.4	37.3
-80°	16.4	17.3	18.3	19.5	20.7	22.1	23.6	25.1	26.3	27.5	28.7
-82.5°	13.7	14.4	15.0	15.7	16.3	16.9	17.5	18.4	19.3	20.1	20.9
-85°	11.1	11.5	11.9	12.3	12.8	13.2	13.5	13.9	14.2	14.6	14.9
-87.5°	8.7	9.1	9.5	9.9	10.0	10.1	10.3	10.4	10.5	10.6	10.7
-90°	3.3	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.7	8.2	8.7	9.1	9.6	9.6	9.6	9.6	9.6	9.6	9.6
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.0
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	2.5	2.5	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	4.1	3.9	3.6	3.3	3.0	2.8	2.6	2.3	2.0	1.9	1.9
75°	5.6	5.7	5.7	5.5	4.9	4.5	4.2	3.9	3.5	3.5	3.6
72.5°	10.2	10.1	9.8	9.7	9.1	8.8	8.9	8.7	8.4	8.6	9.0
70°	19.6	20.1	19.7	18.5	16.4	14.9	14.1	13.0	11.6	11.4	12.0
67.5°	30.9	29.4	27.7	25.5	22.0	19.1	17.6	16.2	14.8	14.5	14.9
65°	39.3	33.4	29.3	25.9	23.2	20.5	18.6	16.8	14.9	13.9	13.7
62.5°	38.0	31.2	26.7	23.6	21.1	18.8	16.5	14.3	12.2	10.8	10.9
60°	35.7	28.1	22.3	19.4	17.1	15.4	13.4	11.7	10.4	9.6	9.7
57.5°	30.3	22.2	17.0	15.6	14.1	12.3	11.0	10.3	9.8	9.6	9.6
55°	23.4	18.8	15.6	13.9	12.3	10.7	9.7	9.9	9.9	9.6	10.0
52.5°	19.3	16.6	14.4	12.8	12.0	11.5	11.4	11.4	11.6	11.9	12.2
50°	17.3	15.4	14.4	13.2	13.2	13.2	13.2	13.8	14.4	14.6	14.4
47.5°	17.4	16.7	17.5	15.2	15.6	17.1	17.2	17.3	18.6	18.9	18.8
45°	22.0	26.5	26.6	24.4	23.2	28.3	28.7	26.0	39.8	39.0	29.5
42.5°	39.2	41.8	41.9	44.3	49.1	64.6	93.1	119.0	122.9	108.0	74.1
40°	63.3	61.1	65.9	79.1	117.3	152.1	178.4	257.2	256.5	200.8	202.2
37.5°	103.0	100.6	108.0	148.0	160.3	138.6	195.2	200.7	171.9	204.8	207.8
35°	177.2	200.9	175.1	217.5	219.6	196.3	210.7	235.2	200.6	240.0	257.1
32.5°	323.1	364.9	368.9	365.6	387.4	408.7	396.2	455.6	466.3	505.7	549.1
30°	524.9	605.4	667.0	655.1	691.2	754.7	775.4	866.2	956.6	1012.7	1150.1
27.5°	914.8	955.4	1081.6	1170.3	1149.7	1253.4	1459.0	1522.6	1782.0	1906.2	2085.0
25°	1448.5	1520.7	1700.4	1911.2	2001.5	2175.1	2509.1	2668.9	3009.6	3183.5	3839.2
22.5°	2109.8	2354.3	2579.8	2863.0	3269.4	3614.6	3985.8	4610.0	5623.9	7080.9	8820.1
20°	2864.9	3274.5	3615.5	4138.7	4812.4	5461.6	6422.1	9191.6	12132.9	18267.9	22436.2
17.5°	3579.2	4229.4	4705.9	5400.8	6395.9	8020.9	11329.6	17520.0	27248.7	39133.4	50478.2
15°	4136.6	4801.2	5684.5	6733.2	8253.2	11433.2	17477.0	29712.7	48261.5	66371.1	85425.6
12.5°	4607.7	5310.6	6278.6	7699.3	9972.6	15688.7	26555.4	44986.9	69438.8	96398.4	124883.8
10°	4910.9	5764.4	6923.7	8800.1	12577.7	20698.6	34825.7	59524.4	92391.9	127590.3	159251.0
7.5°	4964.2	6005.7	7474.2	9756.6	15162.6	25925.0	44662.8	73717.7	109714.4	149357.8	189232.2
5°	4985.5	6230.4	7939.5	10508.0	16938.4	29705.4	50329.5	82810.9	122780.3	163494.7	206408.9
2.5°	5042.4	6451.0	8281.0	11033.7	17962.8	31959.7	53604.3	89324.4	131491.8	175702.8	223549.6
0°	5160.7	6682.0	8354.9	11123.2	18177.4	32007.6	55493.3	93056.7	137173.6	181841.0	231747.8
-2.5°	5224.8	6652.4	8292.6	10940.5	17900.7	32012.6	53677.9	90460.0	134210.7	177791.8	228083.5
-5°	5114.6	6355.3	7908.9	10389.0	16689.7	29452.5	50071.6	83755.1	124136.8	163321.1	203762.4
-7.5°	4878.1	5937.3	7363.6	9606.0	14811.9	25484.3	43553.1	71211.7	105502.3	139567.3	171074.5
-10°	4602.6	5494.3	6664.1	8469.2	12158.2	20150.3	34078.0	55840.6	85294.3	114537.7	141127.0
-12.5°	4305.3	4999.7	5865.8	7114.3	9410.9	15214.8	25826.8	42506.6	62872.9	84933.6	109084.9
-15°	4051.3	4563.2	5219.7	6283.0	8034.8	11334.8	17336.3	28436.1	43040.2	60334.7	78137.9
-17.5°	3880.5	4261.1	4832.8	5643.9	6720.7	8680.8	13024.5	19605.4	29002.1	41945.9	53703.9
-20°	3757.9	4115.9	4569.6	5208.2	6110.1	7492.0	9617.4	14153.1	20336.6	28726.1	36707.2



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3670.5	3992.6	4376.0	4889.9	5695.2	6775.2	8131.9	10333.3	14227.4	19174.8	24723.3
-25°	3584.4	3851.6	4274.5	4827.0	5380.6	6153.3	7091.0	8171.8	10246.4	12446.0	15851.9
-27.5°	3486.0	3816.5	4289.0	4805.2	5304.0	5687.5	6353.1	7098.6	8197.0	9260.5	11010.2
-30°	3414.3	3837.0	4307.1	4803.2	5187.5	5526.5	5898.7	6468.4	7179.2	7930.8	8735.2
-32.5°	3057.5	3774.1	4256.5	4701.4	5019.3	5334.2	5664.0	6059.3	6513.7	6989.8	7478.4
-35°	2579.3	3342.5	4091.0	4439.7	4761.8	5079.5	5423.4	5743.6	6064.2	6386.2	6693.0
-37.5°	1993.1	2741.1	3448.2	4057.4	4427.3	4750.8	5117.4	5446.1	5727.2	5969.2	6205.3
-40°	1741.2	2002.4	2686.4	3327.6	3865.9	4378.6	4724.1	5088.2	5401.7	5624.8	5825.4
-42.5°	1671.9	1819.0	1970.6	2462.4	3056.7	3583.5	4052.3	4507.7	4938.7	5249.0	5487.5
-45°	1611.7	1736.2	1866.1	2011.2	2156.0	2617.9	3105.2	3595.7	4103.1	4557.2	4924.9
-47.5°	1500.3	1651.1	1779.1	1899.0	2014.3	2145.7	2281.5	2476.9	2922.0	3376.4	3790.6
-50°	1362.8	1504.1	1646.7	1788.6	1895.4	1996.2	2099.5	2216.0	2345.7	2478.1	2589.7
-52.5°	1213.0	1343.0	1474.6	1599.8	1719.3	1835.4	1948.7	2051.5	2148.1	2241.4	2296.2
-55°	1091.3	1195.4	1299.1	1406.3	1515.3	1621.5	1726.8	1833.1	1935.5	2033.2	2087.8
-57.5°	949.4	1053.1	1152.4	1234.1	1318.6	1405.0	1495.1	1586.7	1676.4	1760.0	1807.0
-60°	795.2	885.1	971.2	1050.5	1128.8	1205.3	1279.3	1351.9	1421.6	1482.3	1519.2
-62.5°	640.2	713.4	784.7	852.2	918.0	982.5	1051.6	1117.2	1178.8	1228.7	1259.4
-65°	507.9	563.8	613.4	662.0	709.9	765.1	824.0	879.7	932.0	972.7	999.5
-67.5°	359.7	407.8	453.2	496.5	536.4	575.7	617.6	658.5	697.8	728.3	749.9
-70°	226.6	257.0	286.9	318.9	353.8	388.5	422.9	454.7	483.7	505.5	522.0
-72.5°	123.5	138.1	153.4	176.1	197.8	221.0	244.7	267.1	288.0	302.7	313.6
-75°	58.7	65.2	76.9	87.5	96.8	107.0	117.3	126.8	135.4	139.9	142.5
-77.5°	40.2	43.4	46.4	49.0	51.3	54.4	57.6	60.9	64.2	66.3	67.9
-80°	30.0	31.3	32.6	33.9	35.2	36.6	37.9	39.2	40.3	41.4	42.3
-82.5°	21.7	22.4	23.0	23.6	24.2	25.1	26.1	27.0	27.8	28.5	29.3
-85°	15.2	15.6	16.0	16.3	16.6	17.1	17.7	18.2	18.8	18.9	19.0
-87.5°	10.8	11.4	11.9	12.5	13.0	13.1	13.2	13.2	13.3	13.3	13.3
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.0



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.6	9.6	10.6	11.5	10.6	9.6	9.6	9.6	9.6	9.6	9.6
87.5°	0.5	0.0	0.9	1.9	0.9	0.0	0.5	1.0	1.4	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	2.8	3.8	2.8	1.9	1.9	1.9	1.9	2.0	2.3
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.5	3.9
72.5°	9.2	9.4	9.6	9.6	9.6	9.4	9.2	9.0	8.6	8.4	8.7
70°	12.6	13.2	13.4	13.4	13.4	13.2	12.6	12.0	11.4	11.6	13.0
67.5°	15.1	15.2	15.3	15.3	15.3	15.2	15.1	14.9	14.5	14.8	16.2
65°	13.6	13.5	12.6	11.5	12.6	13.5	13.6	13.7	13.9	14.9	16.8
62.5°	11.1	11.5	11.5	11.5	11.5	11.5	11.1	10.9	10.8	12.2	14.3
60°	9.7	9.7	9.6	9.6	9.6	9.7	9.7	9.7	9.6	10.4	11.7
57.5°	9.6	9.6	10.4	11.5	10.4	9.6	9.6	9.6	9.6	9.8	10.3
55°	10.6	11.2	11.5	11.5	11.5	11.2	10.6	10.0	9.6	9.9	9.9
52.5°	12.1	11.7	11.5	11.5	11.5	11.7	12.1	12.2	11.9	11.6	11.4
50°	14.0	13.5	13.4	13.4	13.4	13.5	14.0	14.4	14.6	14.4	13.8
47.5°	18.4	17.6	17.2	17.3	17.2	17.6	18.4	18.8	18.9	18.6	17.3
45°	30.2	30.3	30.4	30.7	30.4	30.3	30.2	29.5	39.0	39.8	26.0
42.5°	71.2	61.5	53.2	53.7	53.2	61.5	71.2	74.1	108.0	122.9	119.0
40°	182.2	136.4	90.6	76.7	90.6	136.4	182.2	202.2	200.8	256.5	257.2
37.5°	187.7	191.4	225.2	303.1	225.2	191.4	187.7	207.8	204.8	171.9	200.7
35°	262.3	266.4	257.0	251.3	257.0	266.4	262.3	257.1	240.0	200.6	235.2
32.5°	557.8	582.5	579.4	564.0	579.4	582.5	557.8	549.1	505.7	466.3	455.6
30°	1201.3	1264.1	1257.3	1270.0	1257.3	1264.1	1201.3	1150.1	1012.7	956.6	866.2
27.5°	2155.9	2233.6	2247.7	2231.2	2247.7	2233.6	2155.9	2085.0	1906.2	1782.0	1522.6
25°	4279.7	4402.4	4357.5	4299.3	4357.5	4402.4	4279.7	3839.2	3183.5	3009.6	2668.9
22.5°	10853.4	11339.4	11289.4	10879.6	11289.4	11339.4	10853.4	8820.1	7080.9	5623.9	4610.0
20°	29818.7	33027.4	34423.7	32531.3	34423.7	33027.4	29818.7	22436.2	18267.9	12132.9	9191.6
17.5°	63115.4	72891.6	79842.6	82743.1	79842.6	72891.6	63115.4	50478.2	39133.4	27248.7	17520.0
15°	103240.6	117956.8	126515.3	125365.5	126515.3	117956.8	103240.6	85425.6	66371.1	48261.5	29712.7
12.5°	148455.0	165897.1	180352.0	180658.3	180352.0	165897.1	148455.0	124883.8	96398.4	69438.8	44986.9
10°	192188.8	216396.8	236126.0	239949.2	236126.0	216396.8	192188.8	159251.0	127590.3	92391.9	59524.4
7.5°	224999.0	262109.6	286875.3	295950.0	286875.3	262109.6	224999.0	189232.2	149357.8	109714.4	73717.7
5°	257423.4	296309.3	321544.1	326020.8	321544.1	296309.3	257423.4	206408.9	163494.7	122780.3	82810.9
2.5°	279293.0	318518.5	340601.1	355918.1	340601.1	318518.5	279293.0	223549.6	175702.8	131491.8	89324.4
0°	292103.4	324064.0	360603.9	377581.3	360603.9	324064.0	292103.4	231747.8	181841.0	137173.6	93056.7
-2.5°	282417.7	318372.6	339292.3	358584.7	339292.3	318372.6	282417.7	228083.5	177791.8	134210.7	90460.0
-5°	250339.5	289442.4	307924.0	310335.5	307924.0	289442.4	250339.5	203762.4	163321.1	124136.8	83755.1
-7.5°	204556.8	240964.6	258708.9	268504.4	258708.9	240964.6	204556.8	171074.5	139567.3	105502.3	71211.7
-10°	165590.7	186837.8	198782.9	199569.5	198782.9	186837.8	165590.7	141127.0	114537.7	85294.3	55840.6
-12.5°	127844.8	142096.5	149161.4	148903.0	149161.4	142096.5	127844.8	109084.9	84933.6	62872.9	42506.6
-15°	93814.7	104886.8	111259.4	114315.1	111259.4	104886.8	93814.7	78137.9	60334.7	43040.2	28436.1
-17.5°	66217.5	75013.3	81398.8	83978.6	81398.8	75013.3	66217.5	53703.9	41945.9	29002.1	19605.4
-20°	45142.6	51170.8	55313.6	57072.2	55313.6	51170.8	45142.6	36707.2	28726.1	20336.6	14153.1



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	29734.9	33776.2	36616.6	36464.1	36616.6	33776.2	29734.9	24723.3	19174.8	14227.4	10333.3
-25°	18955.5	21177.6	22636.6	22754.8	22636.6	21177.6	18955.5	15851.9	12446.0	10246.4	8171.8
-27.5°	12546.0	13522.9	14111.6	14213.9	14111.6	13522.9	12546.0	11010.2	9260.5	8197.0	7098.6
-30°	9495.7	9945.2	10281.7	10267.6	10281.7	9945.2	9495.7	8735.2	7930.8	7179.2	6468.4
-32.5°	7894.1	8115.3	8262.6	8381.7	8262.6	8115.3	7894.1	7478.4	6989.8	6513.7	6059.3
-35°	6903.5	7016.1	7098.3	7173.1	7098.3	7016.1	6903.5	6693.0	6386.2	6064.2	5743.6
-37.5°	6341.1	6419.0	6470.7	6488.2	6470.7	6419.0	6341.1	6205.3	5969.2	5727.2	5446.1
-40°	5902.0	5945.9	5972.0	5987.5	5972.0	5945.9	5902.0	5825.4	5624.8	5401.7	5088.2
-42.5°	5572.4	5632.7	5663.9	5663.3	5663.9	5632.7	5572.4	5487.5	5249.0	4938.7	4507.7
-45°	5135.7	5288.1	5380.4	5419.6	5380.4	5288.1	5135.7	4924.9	4557.2	4103.1	3595.7
-47.5°	4130.1	4419.4	4622.4	4729.0	4622.4	4419.4	4130.1	3790.6	3376.4	2922.0	2476.9
-50°	2690.1	2786.8	2827.5	2810.5	2827.5	2786.8	2690.1	2589.7	2478.1	2345.7	2216.0
-52.5°	2336.9	2371.6	2392.6	2401.9	2392.6	2371.6	2336.9	2296.2	2241.4	2148.1	2051.5
-55°	2133.8	2172.4	2197.3	2210.1	2197.3	2172.4	2133.8	2087.8	2033.2	1935.5	1833.1
-57.5°	1846.1	1877.3	1896.3	1905.0	1896.3	1877.3	1846.1	1807.0	1760.0	1676.4	1586.7
-60°	1550.6	1576.1	1592.9	1601.9	1592.9	1576.1	1550.6	1519.2	1482.3	1421.6	1351.9
-62.5°	1284.3	1303.1	1319.7	1331.4	1319.7	1303.1	1284.3	1259.4	1228.7	1178.8	1117.2
-65°	1021.4	1038.2	1050.2	1057.1	1050.2	1038.2	1021.4	999.5	972.7	932.0	879.7
-67.5°	767.7	781.3	792.7	800.0	792.7	781.3	767.7	749.9	728.3	697.8	658.5
-70°	535.3	545.4	555.2	562.1	555.2	545.4	535.3	522.0	505.5	483.7	454.7
-72.5°	322.3	328.6	331.6	331.9	331.6	328.6	322.3	313.6	302.7	288.0	267.1
-75°	143.9	144.2	147.2	149.6	147.2	144.2	143.9	142.5	139.9	135.4	126.8
-77.5°	69.3	70.5	71.8	72.9	71.8	70.5	69.3	67.9	66.3	64.2	60.9
-80°	43.1	43.9	44.0	44.1	44.0	43.9	43.1	42.3	41.4	40.3	39.2
-82.5°	29.9	30.6	30.7	30.7	30.7	30.6	29.9	29.3	28.5	27.8	27.0
-85°	19.1	19.2	19.2	19.2	19.2	19.2	19.1	19.0	18.9	18.8	18.2
-87.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.2
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.6	9.6	9.6	9.1	8.7	8.2	7.7	7.7	7.7	7.7	7.7
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.2	2.2
80°	1.9	1.9	1.9	2.2	2.4	2.5	2.5	2.8	3.0	3.3	3.5
77.5°	2.6	2.8	3.0	3.3	3.6	3.9	4.1	4.3	4.6	4.8	4.8
75°	4.2	4.5	4.9	5.5	5.7	5.7	5.6	5.5	5.5	5.6	5.6
72.5°	8.9	8.8	9.1	9.7	9.8	10.1	10.2	9.5	8.5	6.9	5.8
70°	14.1	14.9	16.4	18.5	19.7	20.1	19.6	18.1	15.5	13.6	10.9
67.5°	17.6	19.1	22.0	25.5	27.7	29.4	30.9	31.3	29.9	26.9	19.3
65°	18.6	20.5	23.2	25.9	29.3	33.4	39.3	42.4	42.6	40.5	31.3
62.5°	16.5	18.8	21.1	23.6	26.7	31.2	38.0	44.2	50.0	51.6	42.0
60°	13.4	15.4	17.1	19.4	22.3	28.1	35.7	42.9	49.9	50.2	47.1
57.5°	11.0	12.3	14.1	15.6	17.0	22.2	30.3	40.4	48.7	47.2	45.4
55°	9.7	10.7	12.3	13.9	15.6	18.8	23.4	30.9	39.9	43.0	41.4
52.5°	11.4	11.5	12.0	12.8	14.4	16.6	19.3	24.5	29.1	33.3	36.0
50°	13.2	13.2	13.2	13.2	14.4	15.4	17.3	20.1	23.2	26.6	29.4
47.5°	17.2	17.1	15.6	15.2	17.5	16.7	17.4	18.7	21.7	22.6	25.5
45°	28.7	28.3	23.2	24.4	26.6	26.5	22.0	23.9	24.1	24.3	22.9
42.5°	93.1	64.6	49.1	44.3	41.9	41.8	39.2	36.5	33.9	30.1	30.2
40°	178.4	152.1	117.3	79.1	65.9	61.1	63.3	55.2	49.7	43.2	44.9
37.5°	195.2	138.6	160.3	148.0	108.0	100.6	103.0	88.3	68.9	80.5	78.6
35°	210.7	196.3	219.6	217.5	175.1	200.9	177.2	143.3	126.5	144.5	130.2
32.5°	396.2	408.7	387.4	365.6	368.9	364.9	323.1	242.4	244.8	243.5	214.2
30°	775.4	754.7	691.2	655.1	667.0	605.4	524.9	510.3	449.2	368.6	321.4
27.5°	1459.0	1253.4	1149.7	1170.3	1081.6	955.4	914.8	888.1	725.5	574.8	458.6
25°	2509.1	2175.1	2001.5	1911.2	1700.4	1520.7	1448.5	1349.5	1140.2	841.1	638.2
22.5°	3985.8	3614.6	3269.4	2863.0	2579.8	2354.3	2109.8	1874.5	1626.8	1225.2	910.6
20°	6422.1	5461.6	4812.4	4138.7	3615.5	3274.5	2864.9	2462.6	2121.4	1709.6	1224.0
17.5°	11329.6	8020.9	6395.9	5400.8	4705.9	4229.4	3579.2	2986.4	2595.5	2225.6	1559.5
15°	17477.0	11433.2	8253.2	6733.2	5684.5	4801.2	4136.6	3454.1	3050.8	2697.6	1963.9
12.5°	26555.4	15688.7	9972.6	7699.3	6278.6	5310.6	4607.7	3942.7	3419.5	2941.2	2252.3
10°	34825.7	20698.6	12577.7	8800.1	6923.7	5764.4	4910.9	4130.4	3519.8	3070.0	2492.7
7.5°	44662.8	25925.0	15162.6	9756.6	7474.2	6005.7	4964.2	4156.0	3579.2	3161.5	2686.8
5°	50329.5	29705.4	16938.4	10508.0	7939.5	6230.4	4985.5	4110.5	3602.9	3220.9	2836.5
2.5°	53604.3	31959.7	17962.8	11033.7	8281.0	6451.0	5042.4	4117.2	3632.0	3260.2	2894.1
0°	55493.3	32007.6	18177.4	11123.2	8354.9	6682.0	5160.7	4186.1	3656.6	3284.4	2914.1
-2.5°	53677.9	32012.6	17900.7	10940.5	8292.6	6652.4	5224.8	4260.5	3715.4	3298.3	2906.3
-5°	50071.6	29452.5	16689.7	10389.0	7908.9	6355.3	5114.6	4231.9	3700.9	3278.2	2864.8
-7.5°	43553.1	25484.3	14811.9	9606.0	7363.6	5937.3	4878.1	4084.2	3562.4	3165.7	2734.3
-10°	34078.0	20150.3	12158.2	8469.2	6664.1	5494.3	4602.6	3896.2	3406.2	3040.8	2579.3
-12.5°	25826.8	15214.8	9410.9	7114.3	5865.8	4999.7	4305.3	3693.4	3234.6	2906.1	2404.7
-15°	17336.3	11334.8	8034.8	6283.0	5219.7	4563.2	4051.3	3565.8	3172.3	2803.4	2214.3
-17.5°	13024.5	8680.8	6720.7	5643.9	4832.8	4261.1	3880.5	3501.8	3138.6	2721.6	2037.7
-20°	9617.4	7492.0	6110.1	5208.2	4569.6	4115.9	3757.9	3445.4	3084.9	2521.7	1823.3



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8131.9	6775.2	5695.2	4889.9	4376.0	3992.6	3670.5	3373.2	3007.5	2257.7	1586.3
-25°	7091.0	6153.3	5380.6	4827.0	4274.5	3851.6	3584.4	3276.1	2709.6	1960.9	1364.8
-27.5°	6353.1	5687.5	5304.0	4805.2	4289.0	3816.5	3486.0	3123.6	2371.1	1687.3	1342.3
-30°	5898.7	5526.5	5187.5	4803.2	4307.1	3837.0	3414.3	2727.6	2025.6	1454.9	1325.9
-32.5°	5664.0	5334.2	5019.3	4701.4	4256.5	3774.1	3057.5	2303.0	1637.3	1427.8	1296.9
-35°	5423.4	5079.5	4761.8	4439.7	4091.0	3342.5	2579.3	1850.2	1525.3	1388.3	1258.0
-37.5°	5117.4	4750.8	4427.3	4057.4	3448.2	2741.1	1993.1	1638.6	1478.6	1337.2	1196.8
-40°	4724.1	4378.6	3865.9	3327.6	2686.4	2002.4	1741.2	1582.2	1432.2	1269.3	1122.2
-42.5°	4052.3	3583.5	3056.7	2462.4	1970.6	1819.0	1671.9	1529.3	1370.6	1198.4	1044.6
-45°	3105.2	2617.9	2156.0	2011.2	1866.1	1736.2	1611.7	1452.0	1283.3	1118.9	964.6
-47.5°	2281.5	2145.7	2014.3	1899.0	1779.1	1651.1	1500.3	1346.8	1182.8	1029.7	899.4
-50°	2099.5	1996.2	1895.4	1788.6	1646.7	1504.1	1362.8	1221.3	1077.7	950.2	827.5
-52.5°	1948.7	1835.4	1719.3	1599.8	1474.6	1343.0	1213.0	1101.1	982.9	861.7	747.9
-55°	1726.8	1621.5	1515.3	1406.3	1299.1	1195.4	1091.3	983.9	873.3	762.6	658.0
-57.5°	1495.1	1405.0	1318.6	1234.1	1152.4	1053.1	949.4	849.1	752.3	653.0	561.5
-60°	1279.3	1205.3	1128.8	1050.5	971.2	885.1	795.2	707.2	621.6	548.3	475.6
-62.5°	1051.6	982.5	918.0	852.2	784.7	713.4	640.2	575.6	513.1	450.0	380.7
-65°	824.0	765.1	709.9	662.0	613.4	563.8	507.9	450.9	394.8	340.3	279.5
-67.5°	617.6	575.7	536.4	496.5	453.2	407.8	359.7	313.0	272.9	233.6	186.1
-70°	422.9	388.5	353.8	318.9	286.9	257.0	226.6	195.1	162.2	136.7	111.1
-72.5°	244.7	221.0	197.8	176.1	153.4	138.1	123.5	107.0	89.0	69.6	55.2
-75°	117.3	107.0	96.8	87.5	76.9	65.2	58.7	54.3	49.8	45.3	40.9
-77.5°	57.6	54.4	51.3	49.0	46.4	43.4	40.2	37.3	35.4	33.6	31.8
-80°	37.9	36.6	35.2	33.9	32.6	31.3	30.0	28.7	27.5	26.3	25.1
-82.5°	26.1	25.1	24.2	23.6	23.0	22.4	21.7	20.9	20.1	19.3	18.4
-85°	17.7	17.1	16.6	16.3	16.0	15.6	15.2	14.9	14.6	14.2	13.9
-87.5°	13.2	13.1	13.0	12.5	11.9	11.4	10.8	10.7	10.6	10.5	10.4
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.7	7.7	7.7	7.7	7.2	6.8	6.3	5.8	5.8	5.8	5.8
87.5°	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8	3.8	3.8
85°	2.1	2.2	2.2	2.2	2.5	2.9	3.3	3.8	3.8	3.8	3.8
82.5°	2.5	2.8	3.1	3.3	3.3	3.3	3.5	3.8	3.9	3.8	3.8
80°	3.4	3.4	3.6	3.8	3.8	3.8	3.7	3.8	4.1	4.2	4.1
77.5°	4.3	4.0	3.8	3.8	3.8	3.8	3.8	3.9	4.3	4.6	4.6
75°	5.1	4.5	4.0	3.9	3.9	3.8	3.8	4.0	4.4	4.9	5.1
72.5°	5.6	5.1	4.4	4.0	4.3	4.4	4.1	4.0	4.5	5.0	5.5
70°	8.2	6.3	5.4	5.0	4.9	5.0	4.9	4.6	4.6	5.0	5.5
67.5°	12.5	9.5	7.4	6.0	5.5	5.4	5.7	5.3	5.0	5.1	5.6
65°	22.5	15.1	9.4	7.5	6.3	5.7	5.8	5.8	5.5	5.4	5.6
62.5°	32.1	22.4	15.3	10.0	7.1	6.1	5.8	6.0	5.9	5.6	5.7
60°	41.9	31.3	21.8	15.3	9.7	6.3	6.0	6.3	6.2	5.8	5.8
57.5°	42.3	38.8	30.7	21.5	14.3	8.4	6.2	6.6	6.6	6.2	5.8
55°	40.3	38.3	36.7	29.3	19.6	12.3	7.8	7.1	7.1	6.6	5.9
52.5°	35.8	37.7	38.0	34.8	26.4	16.7	11.3	7.6	7.6	7.2	6.4
50°	31.0	36.1	39.0	37.4	32.2	23.0	14.5	10.1	8.2	7.7	6.9
47.5°	29.1	35.0	39.1	40.1	35.7	29.1	19.5	12.7	8.8	8.3	7.5
45°	29.4	34.3	39.5	41.5	39.6	33.4	24.9	15.0	10.8	8.9	8.0
42.5°	31.7	36.0	39.5	43.7	42.2	37.0	30.1	19.3	12.7	9.5	8.5
40°	43.0	40.1	41.0	45.7	45.3	40.4	33.4	23.9	14.3	10.4	9.0
37.5°	58.4	51.1	46.4	52.3	50.0	43.9	36.4	28.2	16.4	11.6	9.5
35°	99.5	68.5	68.1	68.4	59.4	48.0	39.2	31.7	20.3	12.8	9.9
32.5°	151.7	118.2	115.1	95.8	72.4	52.7	42.7	34.8	24.2	13.8	10.4
30°	252.8	227.2	179.9	131.1	92.8	65.1	47.8	38.1	28.1	14.8	10.9
27.5°	418.9	361.8	267.9	190.9	126.9	81.0	54.8	41.4	32.0	16.5	11.7
25°	590.5	517.7	398.4	267.7	166.3	113.1	62.8	44.9	35.1	19.5	12.4
22.5°	756.8	679.9	545.8	354.9	224.0	154.4	80.2	51.2	37.8	22.5	13.0
20°	918.7	845.9	696.6	434.4	291.8	204.9	110.4	58.0	40.6	25.3	13.6
17.5°	1097.4	973.7	781.3	527.5	359.0	255.9	145.2	65.0	43.2	27.9	14.0
15°	1317.0	1049.3	863.0	610.3	418.8	306.7	183.4	72.3	45.8	30.3	14.6
12.5°	1513.6	1119.2	943.4	682.9	471.8	356.9	223.9	79.6	48.2	33.1	15.4
10°	1698.2	1183.5	1021.1	745.5	518.6	406.0	265.2	87.8	52.2	36.2	16.3
7.5°	1866.7	1242.3	1094.1	798.5	556.9	439.8	290.8	97.8	56.2	39.1	17.1
5°	2004.2	1289.0	1145.0	834.6	575.7	456.0	309.4	107.5	60.1	41.8	17.8
2.5°	2068.9	1321.1	1176.3	861.7	591.6	468.7	323.0	116.6	63.8	44.1	18.5
0°	2102.6	1348.7	1197.1	880.6	604.3	477.7	331.9	124.7	67.1	46.0	19.2
-2.5°	2107.6	1354.8	1202.4	899.9	624.5	490.8	343.6	146.9	84.4	56.6	25.2
-5°	2081.1	1355.6	1198.6	910.7	640.6	500.3	351.4	167.6	100.9	66.5	30.9
-7.5°	1990.8	1335.2	1178.0	911.6	652.2	506.1	356.0	186.7	116.4	75.6	36.3
-10°	1863.4	1299.4	1138.4	896.1	663.0	514.2	359.8	203.9	130.6	83.7	41.2
-12.5°	1707.6	1259.1	1097.7	877.4	671.1	525.3	371.9	221.3	143.3	90.6	45.4
-15°	1524.5	1214.5	1058.3	856.9	675.9	534.3	380.4	236.6	154.7	96.7	48.8
-17.5°	1323.2	1166.0	1022.3	836.3	677.6	541.6	385.3	248.4	164.3	102.0	51.9
-20°	1278.5	1137.2	990.7	816.6	676.5	547.4	386.8	256.2	171.9	105.6	54.6



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1261.5	1124.2	970.3	807.7	674.7	552.2	384.9	259.7	177.2	107.3	56.2
-25°	1243.8	1108.5	947.2	795.1	674.4	545.6	383.8	258.6	180.2	107.0	56.4
-27.5°	1222.9	1086.5	918.4	775.1	660.8	535.5	381.3	261.1	180.3	104.6	55.4
-30°	1199.3	1049.3	889.3	750.1	642.2	508.2	372.8	260.6	177.1	102.2	52.9
-32.5°	1165.9	1006.1	853.1	725.8	611.6	478.4	353.5	256.9	171.0	99.2	51.1
-35°	1109.2	956.5	809.3	695.6	575.7	450.3	333.0	249.7	161.8	94.1	48.9
-37.5°	1046.2	900.1	770.8	657.8	538.4	419.4	317.3	233.8	149.7	86.9	45.5
-40°	979.9	845.0	728.2	615.6	501.1	386.0	298.2	214.1	138.3	77.6	41.0
-42.5°	909.8	793.4	681.3	572.1	461.8	361.1	275.5	191.4	123.7	69.7	35.3
-45°	847.9	737.3	630.6	524.9	421.6	332.7	247.0	166.8	106.7	61.8	30.7
-47.5°	781.6	678.2	575.2	473.8	385.5	299.6	215.2	145.1	87.9	52.4	28.6
-50°	713.8	614.1	515.2	425.8	344.2	260.3	182.1	121.1	74.8	41.0	26.2
-52.5°	642.0	544.6	456.9	376.5	295.6	217.3	151.9	95.8	60.6	34.9	23.4
-55°	560.8	477.1	398.9	319.6	242.5	177.5	119.0	78.1	45.2	31.0	20.5
-57.5°	483.9	409.5	331.8	256.7	192.3	136.4	92.5	59.2	37.9	26.9	19.4
-60°	403.9	329.7	258.0	197.6	143.1	100.7	69.4	43.7	32.7	23.1	18.2
-62.5°	312.4	247.4	191.3	139.5	101.9	72.5	48.2	37.4	27.3	21.6	16.9
-65°	224.9	172.9	125.5	96.3	68.8	48.6	40.4	30.8	24.6	19.9	15.7
-67.5°	140.1	110.6	83.1	58.1	47.1	39.8	32.3	27.0	22.4	18.1	14.8
-70°	85.4	61.5	50.3	44.0	37.5	31.5	28.2	24.4	20.2	16.9	13.8
-72.5°	49.8	44.3	39.0	33.8	30.6	27.6	24.8	21.8	18.5	15.6	12.8
-75°	36.4	33.7	31.2	28.6	26.0	23.6	21.8	19.7	16.8	14.2	11.7
-77.5°	29.8	27.7	25.5	23.7	22.0	20.5	19.1	17.6	15.1	12.7	10.6
-80°	23.6	22.1	20.7	19.5	18.3	17.3	16.4	15.3	13.2	11.2	9.4
-82.5°	17.5	16.9	16.3	15.7	15.0	14.4	13.7	13.0	11.2	9.7	8.3
-85°	13.5	13.2	12.8	12.3	11.9	11.5	11.1	10.6	9.4	8.4	7.5
-87.5°	10.3	10.1	10.0	9.9	9.5	9.1	8.7	8.2	7.6	7.1	6.7
-90°	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8	3.8	3.8



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.8	5.8	5.8	5.8	5.8	4.8	3.8
87.5°	3.8	3.9	4.0	4.0	4.0	3.9	3.8
85°	3.8	4.0	4.1	4.2	4.1	4.0	3.8
82.5°	3.8	4.1	4.3	4.4	4.3	4.1	3.8
80°	3.9	4.3	4.5	4.6	4.5	4.1	3.8
77.5°	4.4	4.5	4.7	4.8	4.7	4.2	3.8
75°	4.9	4.8	4.9	5.0	4.8	4.3	3.8
72.5°	5.4	5.1	5.1	5.2	5.0	4.4	3.8
70°	5.8	5.4	5.2	5.4	5.2	4.5	3.8
67.5°	5.8	5.7	5.4	5.5	5.3	4.6	3.8
65°	5.8	5.8	5.5	5.5	5.5	4.6	3.8
62.5°	5.8	5.8	5.7	5.6	5.6	4.7	3.8
60°	5.8	5.8	5.8	5.6	5.8	4.8	3.8
57.5°	5.9	5.8	5.8	5.7	5.8	4.9	3.8
55°	6.0	5.8	5.8	5.7	5.8	4.9	3.8
52.5°	6.2	5.8	5.8	5.8	5.8	5.0	3.8
50°	6.3	6.0	5.8	5.8	5.8	5.1	3.8
47.5°	6.6	6.2	5.8	5.8	5.8	5.2	3.8
45°	7.0	6.4	5.8	5.8	5.8	5.2	3.8
42.5°	7.5	6.6	5.8	5.8	5.8	5.3	3.8
40°	7.9	6.9	5.9	5.8	5.8	5.3	3.8
37.5°	8.3	7.1	6.1	5.8	5.8	5.4	3.8
35°	8.7	7.4	6.3	5.8	5.8	5.4	3.8
32.5°	9.1	7.8	6.5	5.8	5.8	5.5	3.8
30°	9.4	8.1	6.7	5.8	5.8	5.5	3.8
27.5°	9.8	8.4	6.8	5.8	5.8	5.6	3.8
25°	10.1	8.6	7.0	5.8	5.8	5.6	3.8
22.5°	10.5	8.9	7.1	5.8	5.8	5.6	3.8
20°	10.8	9.0	7.2	5.8	5.8	5.7	3.8
17.5°	11.1	9.2	7.3	5.8	5.8	5.7	3.8
15°	11.4	9.3	7.4	5.8	5.8	5.7	3.8
12.5°	11.8	9.4	7.5	5.8	5.8	5.8	3.8
10°	12.1	9.5	7.6	5.8	5.8	5.8	3.8
7.5°	12.5	9.5	7.6	5.8	5.8	5.8	3.8
5°	12.8	9.6	7.7	5.8	5.8	5.8	3.8
2.5°	13.1	9.6	7.7	5.8	5.8	5.8	3.8
0°	13.4	9.6	7.7	5.8	5.8	5.8	3.8
-2.5°	15.7	10.4	8.0	6.0	5.9	5.8	3.8
-5°	17.9	11.3	8.3	6.3	6.0	5.8	3.8
-7.5°	19.9	12.0	8.6	6.5	6.0	5.8	3.8
-10°	21.8	12.7	8.9	6.8	6.1	5.8	3.8
-12.5°	23.4	13.3	9.2	7.0	6.2	5.8	3.8
-15°	24.7	13.9	9.4	7.2	6.3	5.7	3.8
-17.5°	25.8	14.3	9.7	7.4	6.3	5.7	3.8
-20°	26.7	14.7	9.9	7.6	6.4	5.7	3.8



REPORT NUMBER: P1305601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.6	14.9	10.1	7.7	6.4	5.7	3.8
-25°	27.9	15.1	10.2	7.9	6.5	5.7	3.8
-27.5°	27.4	15.1	10.4	8.0	6.5	5.6	3.8
-30°	26.3	15.0	10.5	8.1	6.5	5.6	3.8
-32.5°	24.5	14.8	10.6	8.1	6.5	5.6	3.8
-35°	23.5	14.3	10.6	8.2	6.5	5.5	3.8
-37.5°	22.9	13.9	10.6	8.2	6.5	5.5	3.8
-40°	22.0	13.9	10.6	8.2	6.4	5.5	3.8
-42.5°	20.9	13.8	10.5	8.1	6.4	5.5	3.8
-45°	19.5	13.6	10.4	8.1	6.4	5.4	3.8
-47.5°	17.8	13.3	10.3	8.0	6.3	5.4	3.8
-50°	17.1	13.0	10.1	7.8	6.2	5.4	3.8
-52.5°	16.5	12.5	9.9	7.7	6.1	5.3	3.8
-55°	15.8	12.2	9.6	7.5	6.0	5.3	3.8
-57.5°	15.0	11.8	9.4	7.4	5.9	5.3	3.8
-60°	14.1	11.4	9.1	7.2	5.8	5.2	3.8
-62.5°	13.5	10.9	8.8	7.0	5.8	5.2	3.8
-65°	12.8	10.4	8.4	6.7	5.8	5.2	3.8
-67.5°	12.1	9.9	8.0	6.5	5.8	5.1	3.8
-70°	11.3	9.3	7.6	6.2	5.8	5.1	3.8
-72.5°	10.5	8.7	7.2	6.2	5.8	5.1	3.8
-75°	9.6	8.1	6.8	6.1	5.8	5.0	3.8
-77.5°	8.7	7.4	6.6	6.1	5.8	5.0	3.8
-80°	7.8	7.0	6.4	6.0	5.8	5.0	3.8
-82.5°	7.3	6.7	6.3	6.0	5.8	4.9	3.8
-85°	6.8	6.4	6.1	5.9	5.8	4.9	3.8
-87.5°	6.3	6.1	6.0	5.9	5.8	4.8	3.8
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8

(END OF REPORT)