

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: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305697 (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-57-70-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

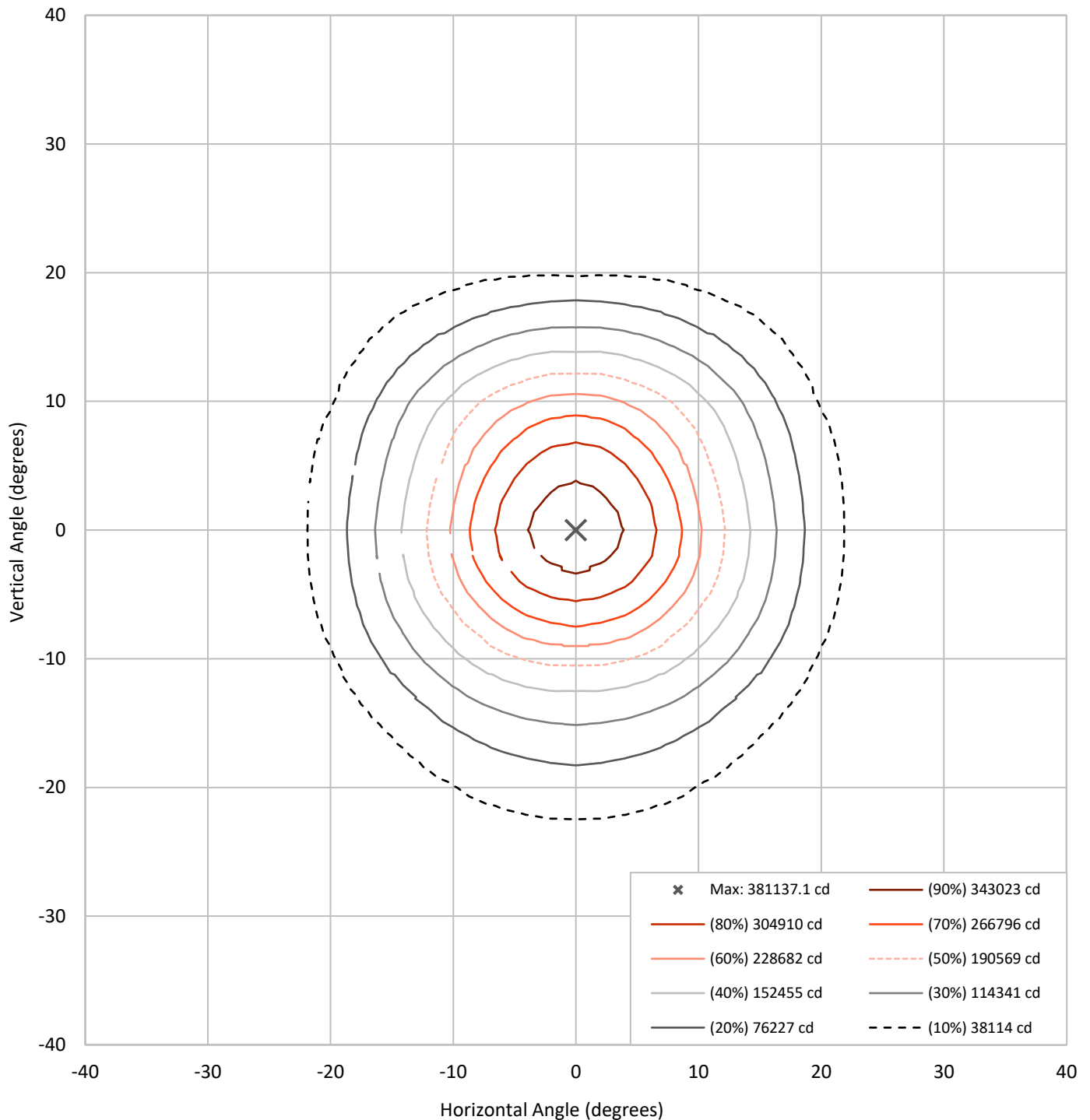
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	78993.7 lumens	Max Intensity:	381137.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	37249.3 lumens	Field Lumens:	67292.4 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

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Iso-Candela Plot



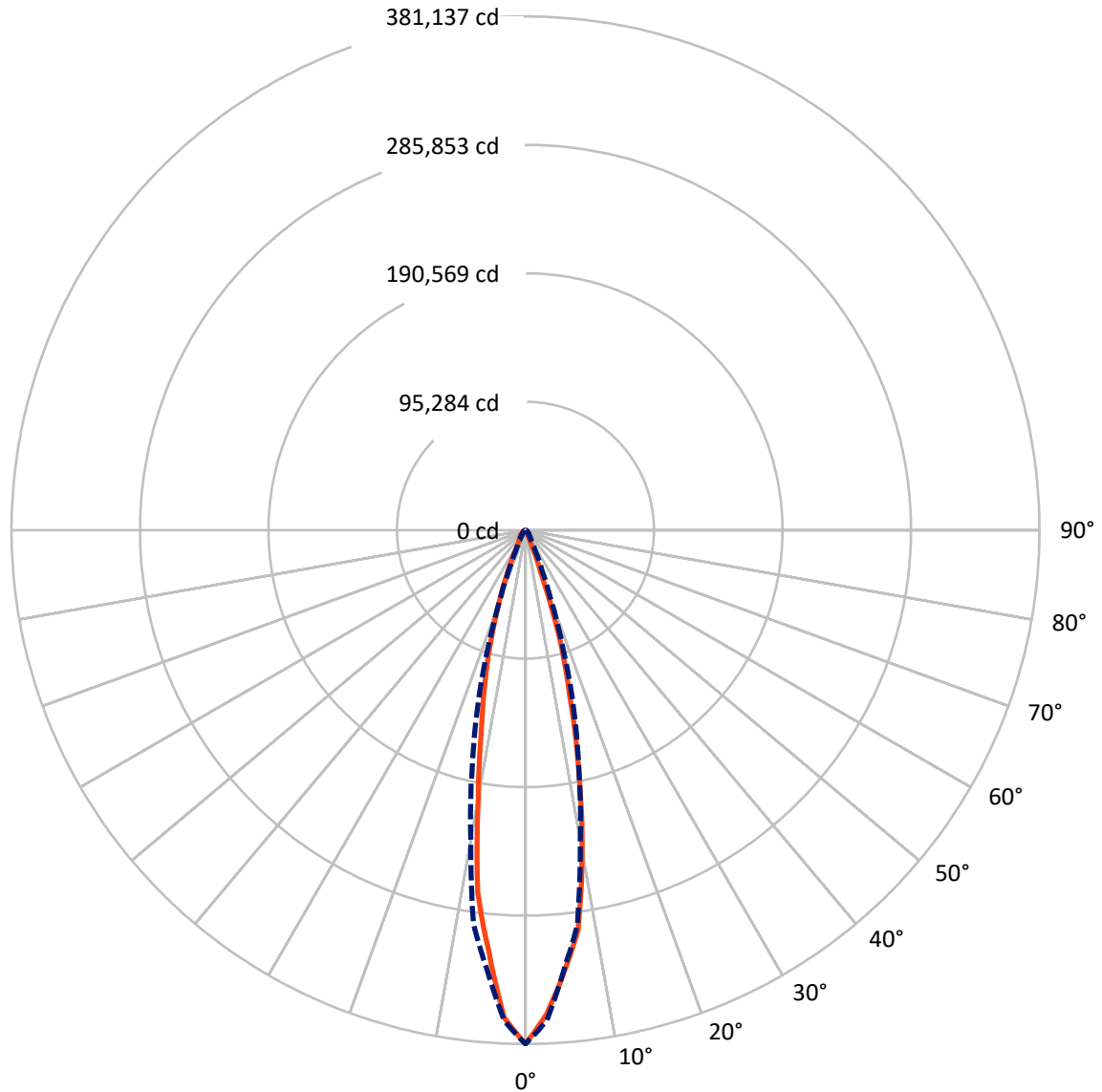
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Lumen Table

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	0.7	0.8	0.6	0.4	0.4	0.4	0.4	0.6	0.8	0.7	0.2	0.1	0.1			
60		0.1	0.5	0.9	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.9	0.5	0.1				
50	0.2	0.2	0.7	0.7	0.8	1.1	2.1	1.4	1.4	2.1	1.1	0.8	0.7	0.7	0.2	0.2			
40		0.4	1.3	3.1	5.5	8.0	11.0	13.2	13.2	11.0	8.0	5.5	3.1	1.3	0.4				
30	0.2	0.7	5.4	16.8	39.0	64.9	133.2	256.4	256.4	133.2	64.9	39.0	16.8	5.4	0.7	0.2			
20		1.6	11.5	42.9	103.9	275.0	1513.9	3572.6	3572.6	1513.9	275.0	103.9	42.9	11.5	1.6				
10	0.4	2.5	15.3	57.1	133.6	586.4	3629.3	8511.4	8511.4	3629.3	586.4	133.6	57.1	15.3	2.5	0.4			
0		3.1	16.4	58.0	133.9	580.6	3565.9	8156.5	8156.5	3565.9	580.6	133.9	58.0	16.4	3.1				
-10	0.7	3.7	15.5	48.2	105.3	277.2	1445.7	3263.0	3263.0	1445.7	277.2	105.3	48.2	15.5	3.7	0.7			
-20		3.9	14.4	36.1	89.7	157.1	359.7	735.4	735.4	359.7	157.1	89.7	36.1	14.4	3.9				
-30	0.6	3.4	12.4	27.3	66.2	129.9	182.5	224.1	224.1	182.5	129.9	66.2	27.3	12.4	3.4	0.6			
-40		2.4	9.4	21.5	40.2	71.4	116.8	149.6	149.6	116.8	71.4	40.2	21.5	9.4	2.4				
-50	0.3	1.2	5.7	14.5	27.4	42.2	56.5	65.4	65.4	56.5	42.2	27.4	14.5	5.7	1.2	0.3			
-60		0.5	2.0	6.3	12.8	20.3	27.7	31.9	31.9	27.7	20.3	12.8	6.3	2.0	0.5				
-70	0.2	1.1	4.0	10.4	14.1	10.4	4.0	1.1	0.2						0.2				
-80		1.1	4.0	10.4	14.1	10.4	4.0	1.1	0.2										
-90	0.2	1.1	4.0	10.4	14.1	10.4	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

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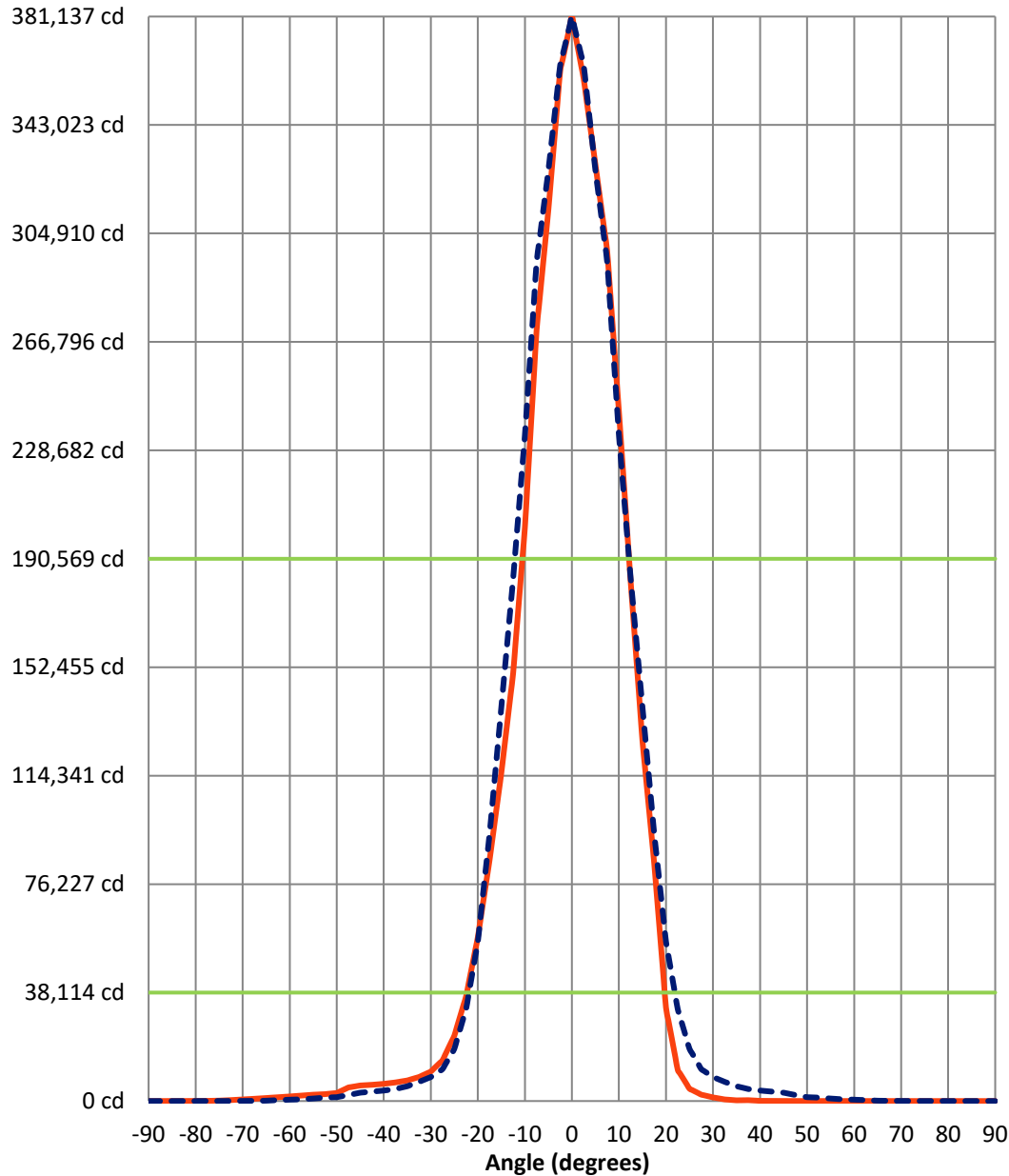
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.3°
 V Angle: 22.7°
 Lumens: 37249.3
 Efficiency: 47.2%

Field:
 H Angle: 43.8°
 V Angle: 42.1°
 Lumens: 67292.4
 Efficiency: 85.2%

Spill:
 Lumens: 11701.3
 Efficiency: 14.8%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.9	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.9	4.0	4.1	4.1	4.1	4.0	3.9	3.9	3.9	3.9	3.9
85°	3.9	4.1	4.2	4.3	4.2	4.1	3.9	3.9	3.9	3.9	3.9
82.5°	3.9	4.1	4.4	4.5	4.4	4.2	3.9	3.9	3.9	4.0	3.9
80°	3.9	4.2	4.6	4.7	4.6	4.3	4.0	4.2	4.3	4.2	3.9
77.5°	3.9	4.3	4.7	4.8	4.8	4.5	4.5	4.6	4.6	4.4	4.0
75°	3.9	4.4	4.9	5.0	4.9	4.8	5.0	5.1	5.0	4.5	4.0
72.5°	3.9	4.5	5.0	5.2	5.1	5.1	5.4	5.5	5.0	4.6	4.1
70°	3.9	4.5	5.2	5.4	5.3	5.4	5.8	5.5	5.1	4.6	4.7
67.5°	3.9	4.6	5.4	5.5	5.4	5.7	5.8	5.6	5.1	5.1	5.4
65°	3.9	4.7	5.5	5.5	5.6	5.8	5.8	5.6	5.4	5.5	5.8
62.5°	3.9	4.8	5.7	5.6	5.7	5.8	5.8	5.7	5.6	5.9	6.0
60°	3.9	4.8	5.8	5.7	5.8	5.8	5.8	5.8	5.8	6.2	6.3
57.5°	3.9	4.9	5.8	5.7	5.8	5.8	5.9	5.8	6.2	6.6	6.6
55°	3.9	5.0	5.8	5.7	5.8	5.8	6.0	5.9	6.6	7.1	7.1
52.5°	3.9	5.1	5.8	5.8	5.8	5.8	6.2	6.4	7.2	7.6	7.6
50°	3.9	5.1	5.8	5.8	5.8	6.0	6.3	6.9	7.7	8.2	10.2
47.5°	3.9	5.2	5.8	5.8	5.8	6.2	6.6	7.5	8.4	8.9	12.8
45°	3.9	5.2	5.8	5.8	5.8	6.4	7.0	8.0	9.0	11.0	15.2
42.5°	3.9	5.3	5.8	5.8	5.8	6.6	7.5	8.5	9.6	12.8	19.6
40°	3.9	5.4	5.8	5.8	5.9	6.9	7.9	9.1	10.5	14.5	24.1
37.5°	3.9	5.4	5.8	5.8	6.1	7.1	8.3	9.5	11.8	16.6	28.5
35°	3.9	5.5	5.8	5.8	6.3	7.4	8.7	10.0	12.9	20.6	32.0
32.5°	3.9	5.5	5.8	5.8	6.5	7.8	9.1	10.5	14.0	24.5	35.2
30°	3.9	5.5	5.8	5.8	6.7	8.1	9.5	11.0	15.0	28.4	38.4
27.5°	3.9	5.6	5.8	5.8	6.8	8.4	9.9	11.8	16.7	32.3	41.8
25°	3.9	5.6	5.8	5.8	7.0	8.7	10.2	12.5	19.8	35.4	45.4
22.5°	3.9	5.7	5.8	5.8	7.1	8.9	10.5	13.2	22.7	38.2	51.7
20°	3.9	5.7	5.8	5.8	7.2	9.1	10.9	13.7	25.5	40.9	58.5
17.5°	3.9	5.7	5.8	5.8	7.3	9.2	11.2	14.2	28.2	43.6	65.7
15°	3.9	5.7	5.8	5.8	7.4	9.4	11.5	14.8	30.6	46.2	73.0
12.5°	3.9	5.8	5.8	5.8	7.5	9.5	11.9	15.6	33.4	48.7	80.4
10°	3.9	5.8	5.8	5.8	7.6	9.5	12.3	16.4	36.6	52.7	88.6
7.5°	3.9	5.8	5.8	5.8	7.6	9.6	12.6	17.3	39.5	56.8	98.8
5°	3.9	5.8	5.8	5.8	7.7	9.7	13.0	18.0	42.2	60.7	108.6
2.5°	3.9	5.8	5.8	5.8	7.7	9.7	13.3	18.7	44.5	64.4	117.7
0°	3.9	5.8	5.8	5.8	7.7	9.7	13.6	19.4	46.5	67.8	125.9
-2.5°	3.9	5.8	5.9	6.1	8.0	10.5	15.9	25.4	57.2	85.2	148.3
-5°	3.9	5.8	6.0	6.3	8.4	11.3	18.1	31.2	67.2	101.9	169.2
-7.5°	3.9	5.8	6.0	6.6	8.7	12.1	20.2	36.7	76.4	117.5	188.5
-10°	3.9	5.8	6.1	6.8	9.0	12.8	22.0	41.6	84.5	131.8	205.8
-12.5°	3.9	5.8	6.2	7.0	9.2	13.4	23.6	45.8	91.4	144.6	223.3
-15°	3.9	5.7	6.3	7.2	9.5	14.0	25.0	49.2	97.6	156.2	238.9
-17.5°	3.9	5.7	6.3	7.4	9.7	14.4	26.0	52.4	103.0	165.9	250.7
-20°	3.9	5.7	6.4	7.6	9.9	14.8	26.9	55.1	106.6	173.5	258.6



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 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.9	5.7	6.4	7.8	10.1	15.0	27.8	56.7	108.3	178.9	262.1
-25°	3.9	5.7	6.5	7.9	10.3	15.2	28.1	57.0	108.0	181.9	261.1
-27.5°	3.9	5.6	6.5	8.0	10.5	15.2	27.7	55.9	105.5	182.0	263.6
-30°	3.9	5.6	6.5	8.1	10.6	15.2	26.5	53.4	103.1	178.8	263.1
-32.5°	3.9	5.6	6.5	8.2	10.7	14.9	24.6	51.6	100.1	172.6	259.3
-35°	3.9	5.6	6.5	8.2	10.7	14.5	23.7	49.3	95.0	163.3	252.1
-37.5°	3.9	5.5	6.5	8.2	10.7	14.1	23.1	45.9	87.8	151.0	236.1
-40°	3.9	5.5	6.4	8.2	10.7	14.0	22.2	41.3	78.4	139.6	216.1
-42.5°	3.9	5.5	6.4	8.2	10.6	13.9	21.1	35.6	70.4	124.9	193.2
-45°	3.9	5.4	6.4	8.1	10.5	13.8	19.6	30.9	62.4	107.7	168.3
-47.5°	3.9	5.4	6.3	8.0	10.3	13.5	17.9	28.8	52.8	88.7	146.5
-50°	3.9	5.4	6.2	7.8	10.2	13.1	17.2	26.4	41.4	75.5	122.2
-52.5°	3.9	5.4	6.1	7.7	10.0	12.7	16.7	23.6	35.2	61.1	96.7
-55°	3.9	5.3	6.0	7.5	9.7	12.3	16.0	20.6	31.3	45.6	78.8
-57.5°	3.9	5.3	5.9	7.4	9.4	11.9	15.2	19.6	27.1	38.2	59.7
-60°	3.9	5.3	5.8	7.2	9.1	11.5	14.3	18.4	23.3	33.0	44.1
-62.5°	3.9	5.2	5.8	7.0	8.8	11.0	13.6	17.1	21.8	27.6	37.7
-65°	3.9	5.2	5.8	6.7	8.4	10.5	12.9	15.9	20.1	24.8	31.1
-67.5°	3.9	5.2	5.8	6.5	8.0	9.9	12.2	15.0	18.3	22.6	27.3
-70°	3.9	5.1	5.8	6.2	7.6	9.4	11.4	14.0	17.0	20.4	24.6
-72.5°	3.9	5.1	5.8	6.2	7.2	8.7	10.5	12.9	15.7	18.7	22.0
-75°	3.9	5.1	5.8	6.1	6.8	8.1	9.6	11.8	14.3	17.0	19.9
-77.5°	3.9	5.0	5.8	6.1	6.6	7.4	8.7	10.6	12.8	15.1	17.7
-80°	3.9	5.0	5.8	6.0	6.4	7.0	7.8	9.4	11.3	13.3	15.4
-82.5°	3.9	5.0	5.8	6.0	6.3	6.7	7.3	8.3	9.7	11.3	13.1
-85°	3.9	4.9	5.8	5.9	6.1	6.4	6.8	7.5	8.4	9.5	10.7
-87.5°	3.9	4.9	5.8	5.9	6.0	6.1	6.3	6.7	7.1	7.6	8.2
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9



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 CATALOG NUMBER: EPH-08-640L-57-70-3S-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°	3.4	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	3.4	2.9	2.5	2.2	2.2	2.2	2.1	1.9	1.9	1.9	1.9
82.5°	3.6	3.4	3.3	3.3	3.2	2.9	2.5	2.2	2.2	2.2	2.1
80°	3.8	3.9	3.9	3.9	3.7	3.5	3.5	3.6	3.4	3.1	2.8
77.5°	3.9	3.9	3.9	3.9	3.9	4.1	4.4	4.8	4.8	4.6	4.4
75°	3.9	3.9	4.0	4.0	4.1	4.5	5.2	5.7	5.6	5.5	5.5
72.5°	4.2	4.4	4.4	4.1	4.5	5.1	5.6	5.8	6.9	8.5	9.6
70°	5.0	5.1	4.9	5.0	5.5	6.3	8.3	11.0	13.7	15.7	18.3
67.5°	5.7	5.5	5.5	6.0	7.4	9.6	12.7	19.5	27.1	30.1	31.6
65°	5.8	5.7	6.3	7.6	9.5	15.2	22.7	31.6	40.9	43.0	42.8
62.5°	5.8	6.1	7.1	10.0	15.5	22.6	32.4	42.3	52.1	50.5	44.6
60°	6.0	6.3	9.8	15.5	22.0	31.5	42.2	47.5	50.7	50.3	43.3
57.5°	6.2	8.5	14.4	21.7	30.9	39.1	42.6	45.8	47.6	49.2	40.8
55°	7.8	12.4	19.9	29.5	37.0	38.6	40.6	41.7	43.3	40.3	31.2
52.5°	11.4	16.9	26.6	35.1	38.4	38.0	36.1	36.3	33.6	29.3	24.8
50°	14.7	23.2	32.5	37.8	39.3	36.4	31.3	29.7	26.9	23.4	20.3
47.5°	19.7	29.4	36.0	40.4	39.4	35.3	29.3	25.7	22.8	21.9	18.8
45°	25.2	33.7	40.0	41.9	39.8	34.6	29.7	23.1	24.5	24.3	24.1
42.5°	30.4	37.3	42.6	44.1	39.8	36.3	32.0	30.5	30.3	34.2	36.8
40°	33.8	40.8	45.8	46.2	41.4	40.5	43.4	45.3	43.5	50.1	55.7
37.5°	36.8	44.3	50.5	52.8	46.8	51.5	58.8	79.3	81.2	69.5	89.1
35°	39.6	48.5	60.0	69.0	68.7	69.1	100.4	131.4	145.9	127.7	144.6
32.5°	43.2	53.3	73.1	96.6	116.1	119.2	153.2	216.2	245.8	247.0	244.6
30°	48.3	65.7	93.6	132.3	181.6	229.4	255.2	324.5	372.1	453.4	515.1
27.5°	55.3	81.8	128.0	192.7	270.4	365.2	422.8	462.9	580.2	732.4	896.5
25°	63.4	114.1	167.9	270.2	402.2	522.6	596.1	644.2	849.0	1151.0	1362.2
22.5°	81.0	155.8	226.1	358.2	550.9	686.3	763.9	919.2	1236.7	1642.1	1892.2
20°	111.4	206.8	294.5	438.4	703.1	853.9	927.4	1235.5	1725.7	2141.3	2485.8
17.5°	146.5	258.2	362.3	532.5	788.7	982.9	1107.8	1574.1	2246.6	2619.9	3014.5
15°	185.1	309.5	422.7	616.0	871.1	1059.2	1329.4	1982.4	2723.0	3079.5	3486.6
12.5°	225.9	360.2	476.2	689.3	952.3	1129.8	1527.8	2273.5	2968.9	3451.7	3979.8
10°	267.7	409.8	523.4	752.5	1030.7	1194.6	1714.2	2516.2	3099.0	3553.0	4169.3
7.5°	293.5	443.8	562.0	806.0	1104.4	1254.0	1884.3	2712.1	3191.2	3613.0	4195.1
5°	312.2	460.3	581.1	842.5	1155.8	1301.1	2023.2	2863.2	3251.3	3636.9	4149.2
2.5°	326.0	473.1	597.2	869.8	1187.4	1333.6	2088.4	2921.4	3290.9	3666.2	4156.0
0°	335.0	482.2	610.0	888.9	1208.4	1361.4	2122.4	2941.6	3315.3	3691.0	4225.5
-2.5°	346.9	495.4	630.3	908.3	1213.7	1367.6	2127.4	2933.7	3329.3	3750.4	4300.6
-5°	354.7	505.0	646.6	919.3	1209.9	1368.4	2100.7	2891.7	3309.1	3735.8	4271.7
-7.5°	359.3	510.8	658.3	920.2	1189.1	1347.7	2009.6	2760.0	3195.5	3595.9	4122.6
-10°	363.2	519.1	669.3	904.5	1149.1	1311.6	1881.0	2603.6	3069.5	3438.2	3932.8
-12.5°	375.4	530.3	677.4	885.6	1108.0	1270.9	1723.7	2427.3	2933.5	3265.0	3728.2
-15°	383.9	539.4	682.3	865.0	1068.2	1225.9	1538.9	2235.2	2829.8	3202.2	3599.3
-17.5°	388.9	546.7	684.0	844.1	1031.9	1177.0	1335.7	2056.9	2747.3	3168.2	3534.8
-20°	390.4	552.5	682.8	824.3	1000.0	1147.8	1290.6	1840.5	2545.5	3114.0	3477.8



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	388.5	557.4	681.1	815.3	979.4	1134.7	1273.3	1601.3	2279.0	3035.8	3404.9
-25°	387.4	550.7	680.8	802.6	956.2	1118.9	1255.5	1377.7	1979.4	2735.1	3307.0
-27.5°	384.9	540.5	667.0	782.4	927.1	1096.7	1234.4	1355.0	1703.3	2393.5	3153.1
-30°	376.3	513.0	648.2	757.2	897.7	1059.2	1210.6	1338.4	1468.6	2044.7	2753.4
-32.5°	356.8	482.9	617.3	732.6	861.1	1015.6	1176.9	1309.1	1441.3	1652.7	2324.8
-35°	336.2	454.5	581.1	702.1	816.9	965.5	1119.6	1269.9	1401.4	1539.7	1867.6
-37.5°	320.3	423.4	543.4	664.0	778.0	908.6	1056.1	1208.0	1349.8	1492.6	1654.0
-40°	301.0	389.6	505.8	621.4	735.1	853.0	989.1	1132.8	1281.3	1445.7	1597.1
-42.5°	278.1	364.5	466.1	577.4	687.8	800.9	918.4	1054.4	1209.7	1383.6	1543.8
-45°	249.3	335.8	425.5	529.8	636.5	744.2	855.9	973.8	1129.4	1295.4	1465.8
-47.5°	217.2	302.4	389.1	478.2	580.6	684.5	788.9	907.9	1039.5	1193.9	1359.5
-50°	183.8	262.7	347.4	429.7	520.1	619.9	720.5	835.2	959.2	1087.9	1232.8
-52.5°	153.3	219.3	298.4	380.0	461.2	549.7	648.0	755.0	869.8	992.2	1111.5
-55°	120.1	179.2	244.8	322.7	402.7	481.6	566.1	664.1	769.8	881.6	993.2
-57.5°	93.3	137.6	194.1	259.1	334.9	413.4	488.5	566.8	659.2	759.5	857.1
-60°	70.0	101.6	144.4	199.4	260.4	332.9	407.7	480.1	553.5	627.5	713.9
-62.5°	48.6	73.1	102.8	140.8	193.1	249.7	315.4	384.3	454.3	517.9	581.0
-65°	40.8	49.0	69.4	97.2	126.6	174.5	227.0	282.1	343.5	398.5	455.2
-67.5°	32.6	40.2	47.5	58.6	83.9	111.6	141.4	187.9	235.8	275.4	315.9
-70°	28.5	31.8	37.9	44.4	50.8	62.0	86.2	112.1	138.0	163.7	196.9
-72.5°	25.0	27.9	30.9	34.1	39.4	44.8	50.2	55.7	70.2	89.9	108.0
-75°	22.0	23.9	26.3	29.0	31.6	34.0	36.7	41.2	45.7	50.3	54.8
-77.5°	19.2	20.6	22.2	23.9	25.8	28.0	30.0	32.0	33.9	35.7	37.6
-80°	16.5	17.4	18.4	19.6	20.9	22.3	23.8	25.3	26.5	27.7	28.9
-82.5°	13.8	14.5	15.1	15.8	16.4	17.0	17.6	18.5	19.4	20.3	21.1
-85°	11.2	11.6	12.0	12.4	12.9	13.3	13.6	14.0	14.3	14.7	15.0
-87.5°	8.7	9.2	9.6	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.8
-90°	3.4	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-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	9.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7
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°	4.2	3.9	3.6	3.4	3.1	2.9	2.7	2.3	2.0	1.9	1.9
75°	5.6	5.7	5.8	5.5	5.0	4.6	4.3	3.9	3.6	3.6	3.7
72.5°	10.2	10.2	9.8	9.8	9.2	8.9	9.0	8.8	8.5	8.7	9.1
70°	19.8	20.3	20.0	18.7	16.6	15.1	14.3	13.1	11.7	11.5	12.1
67.5°	31.2	29.8	28.1	25.7	22.3	19.3	17.8	16.4	15.0	14.7	15.1
65°	39.7	33.7	29.6	26.2	23.4	20.7	18.8	17.0	15.1	14.1	13.9
62.5°	38.4	31.5	27.0	23.9	21.3	19.0	16.7	14.5	12.3	10.9	11.0
60°	36.0	28.4	22.5	19.6	17.3	15.6	13.6	11.8	10.5	9.7	9.8
57.5°	30.6	22.4	17.1	15.8	14.2	12.4	11.1	10.4	9.9	9.7	9.7
55°	23.6	18.9	15.8	14.1	12.4	10.8	9.8	10.0	10.0	9.7	10.1
52.5°	19.5	16.7	14.6	12.9	12.2	11.7	11.5	11.5	11.7	12.0	12.3
50°	17.4	15.5	14.6	13.4	13.4	13.4	13.4	14.0	14.6	14.8	14.6
47.5°	17.6	16.9	17.7	15.4	15.8	17.3	17.3	17.5	18.7	19.1	19.0
45°	22.2	26.8	26.8	24.7	23.4	28.6	28.9	26.2	40.2	39.3	29.8
42.5°	39.5	42.1	42.3	44.7	49.6	65.1	94.0	120.0	124.1	109.0	74.8
40°	63.8	61.6	66.5	79.9	118.4	153.5	180.1	259.6	258.9	202.6	204.1
37.5°	103.9	101.6	109.0	149.4	161.8	139.9	197.1	202.6	173.5	206.8	209.7
35°	178.9	202.8	176.8	219.5	221.6	198.2	212.7	237.4	202.4	242.2	259.4
32.5°	326.1	368.3	372.3	369.0	391.1	412.6	399.9	459.9	470.7	510.4	554.2
30°	529.8	611.1	673.2	661.3	697.8	761.8	782.7	874.3	965.6	1022.2	1160.9
27.5°	923.4	964.4	1091.7	1181.4	1160.6	1265.2	1472.7	1536.9	1798.8	1924.1	2104.7
25°	1462.1	1535.0	1716.4	1929.2	2020.3	2195.6	2532.7	2694.1	3037.9	3213.5	3875.4
22.5°	2129.7	2376.4	2604.1	2889.9	3300.2	3648.6	4023.4	4653.4	5676.9	7147.5	8903.1
20°	2891.9	3305.4	3649.6	4177.7	4857.7	5513.0	6482.6	9278.1	12247.1	18440.0	22647.5
17.5°	3612.9	4269.3	4750.2	5451.6	6456.1	8096.4	11436.3	17684.9	27505.4	39502.0	50953.6
15°	4175.6	4846.4	5738.0	6796.6	8330.9	11540.9	17641.6	29992.5	48716.0	66996.2	86230.1
12.5°	4651.1	5360.5	6337.7	7771.8	10066.6	15836.4	26805.4	45410.6	70092.8	97306.2	126059.9
10°	4957.1	5818.6	6989.0	8883.0	12696.2	20893.6	35153.7	60085.0	93262.1	128791.9	160750.8
7.5°	5010.9	6062.2	7544.7	9848.5	15305.4	26169.1	45083.4	74411.9	110747.6	150764.4	191014.2
5°	5032.4	6289.1	8014.3	10606.9	17097.9	29985.2	50803.5	83590.7	123936.5	165034.4	208352.7
2.5°	5089.8	6511.7	8359.0	11137.6	18131.9	32260.7	54109.1	90165.5	132730.2	177357.5	225654.9
0°	5209.3	6744.9	8433.6	11228.0	18348.6	32309.0	56015.9	93933.1	138465.4	183553.4	233930.3
-2.5°	5274.1	6715.0	8370.7	11043.6	18069.3	32314.0	54183.4	91311.9	135474.7	179466.1	230231.4
-5°	5162.9	6415.2	7983.4	10486.9	16846.9	29729.9	50543.1	84543.8	125305.9	164859.1	205681.2
-7.5°	4924.1	5993.3	7433.0	9696.5	14951.4	25724.4	43963.3	71882.4	106495.8	140881.7	172685.6
-10°	4646.0	5546.1	6726.8	8549.0	12272.7	20340.1	34399.0	56366.5	86097.5	115616.4	142456.0
-12.5°	4345.9	5046.9	5921.1	7181.4	9499.6	15358.0	26070.0	42906.9	63465.0	85733.5	110112.2
-15°	4089.5	4606.2	5268.8	6342.2	8110.5	11441.5	17499.6	28703.9	43445.5	60902.9	78873.7
-17.5°	3917.0	4301.3	4878.4	5697.1	6784.0	8762.6	13147.1	19790.0	29275.2	42340.9	54209.6
-20°	3793.3	4154.7	4612.6	5257.3	6167.6	7562.6	9708.0	14286.4	20528.0	28996.7	37052.9



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3705.0	4030.2	4417.2	4936.0	5748.9	6839.0	8208.5	10430.6	14361.3	19355.3	24956.1
-25°	3618.2	3887.8	4314.7	4872.5	5431.3	6211.4	7157.8	8248.9	10342.9	12563.2	16001.1
-27.5°	3518.8	3852.5	4329.4	4850.5	5354.0	5741.1	6413.0	7165.5	8274.3	9347.7	11113.9
-30°	3446.5	3873.1	4347.7	4848.4	5236.4	5578.5	5954.2	6529.3	7246.8	8005.5	8817.4
-32.5°	3086.3	3809.7	4296.7	4745.7	5066.5	5384.5	5717.4	6116.3	6575.0	7055.6	7548.8
-35°	2603.6	3374.0	4129.6	4481.6	4806.7	5127.4	5474.5	5797.7	6121.3	6446.3	6756.0
-37.5°	2011.9	2766.9	3480.7	4095.7	4469.0	4795.5	5165.6	5497.4	5781.1	6025.4	6263.7
-40°	1757.6	2021.3	2711.8	3359.0	3902.4	4419.8	4768.6	5136.0	5452.5	5677.8	5880.2
-42.5°	1687.7	1836.1	1989.2	2485.6	3085.5	3617.3	4090.5	4550.1	4985.2	5298.4	5539.2
-45°	1626.9	1752.6	1883.7	2030.1	2176.3	2642.6	3134.5	3629.6	4141.7	4600.1	4971.2
-47.5°	1514.5	1666.7	1795.9	1916.9	2033.2	2165.9	2302.9	2500.1	2949.5	3408.2	3826.3
-50°	1375.7	1518.3	1662.2	1805.5	1913.2	2015.0	2119.2	2236.9	2367.8	2501.5	2614.1
-52.5°	1224.4	1355.6	1488.5	1614.9	1735.5	1852.7	1967.1	2070.8	2168.4	2262.5	2317.9
-55°	1101.6	1206.6	1311.3	1419.6	1529.5	1636.7	1743.1	1850.4	1953.7	2052.4	2107.5
-57.5°	958.3	1063.0	1163.2	1245.7	1331.0	1418.2	1509.2	1601.6	1692.2	1776.6	1824.0
-60°	802.7	893.5	980.3	1060.4	1139.4	1216.7	1291.3	1364.6	1435.0	1496.3	1533.5
-62.5°	646.2	720.1	792.1	860.2	926.6	991.7	1061.5	1127.7	1189.9	1240.3	1271.3
-65°	512.7	569.1	619.1	668.2	716.6	772.3	831.7	888.0	940.7	981.8	1008.9
-67.5°	363.1	411.6	457.5	501.2	541.4	581.1	623.4	664.6	704.4	735.1	757.0
-70°	228.7	259.4	289.6	321.9	357.1	392.1	426.9	459.0	488.3	510.3	526.9
-72.5°	124.7	139.4	154.8	177.7	199.7	223.0	247.0	269.6	290.8	305.6	316.6
-75°	59.2	65.8	77.7	88.3	97.7	108.0	118.4	127.9	136.6	141.2	143.8
-77.5°	40.5	43.8	46.8	49.5	51.8	54.9	58.2	61.5	64.8	66.9	68.6
-80°	30.2	31.5	32.9	34.2	35.5	36.9	38.3	39.5	40.7	41.7	42.7
-82.5°	21.8	22.5	23.2	23.8	24.4	25.3	26.3	27.2	28.0	28.8	29.5
-85°	15.3	15.7	16.1	16.4	16.7	17.2	17.8	18.4	19.0	19.1	19.2
-87.5°	10.9	11.5	12.1	12.7	13.2	13.3	13.4	13.4	13.5	13.5	13.5
-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: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.7	9.7	10.7	11.6	10.7	9.7	9.7	9.7	9.7	9.7	9.7
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	2.9	3.9	2.9	1.9	1.9	1.9	1.9	2.0	2.3
75°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.6	3.6	3.9
72.5°	9.3	9.5	9.7	9.7	9.7	9.5	9.3	9.1	8.7	8.5	8.8
70°	12.8	13.4	13.6	13.6	13.6	13.4	12.8	12.1	11.5	11.7	13.1
67.5°	15.3	15.4	15.5	15.5	15.5	15.4	15.3	15.1	14.7	15.0	16.4
65°	13.8	13.7	12.7	11.6	12.7	13.7	13.8	13.9	14.1	15.1	17.0
62.5°	11.2	11.6	11.6	11.6	11.6	11.6	11.2	11.0	10.9	12.3	14.5
60°	9.8	9.8	9.7	9.7	9.7	9.8	9.8	9.8	9.7	10.5	11.8
57.5°	9.7	9.7	10.5	11.6	10.5	9.7	9.7	9.7	9.7	9.9	10.4
55°	10.7	11.3	11.6	11.6	11.6	11.3	10.7	10.1	9.7	10.0	10.0
52.5°	12.2	11.8	11.6	11.6	11.6	11.8	12.2	12.3	12.0	11.7	11.5
50°	14.2	13.7	13.6	13.6	13.6	13.7	14.2	14.6	14.8	14.6	14.0
47.5°	18.5	17.8	17.3	17.4	17.3	17.8	18.5	19.0	19.1	18.7	17.5
45°	30.5	30.6	30.7	31.0	30.7	30.6	30.5	29.8	39.3	40.2	26.2
42.5°	71.8	62.1	53.6	54.2	53.6	62.1	71.8	74.8	109.0	124.1	120.0
40°	184.0	137.6	91.5	77.5	91.5	137.6	184.0	204.1	202.6	258.9	259.6
37.5°	189.5	193.3	227.4	306.0	227.4	193.3	189.5	209.7	206.8	173.5	202.6
35°	264.7	268.8	259.4	253.7	259.4	268.8	264.7	259.4	242.2	202.4	237.4
32.5°	563.0	588.0	584.9	569.3	584.9	588.0	563.0	554.2	510.4	470.7	459.9
30°	1212.6	1276.0	1269.2	1282.0	1269.2	1276.0	1212.6	1160.9	1022.2	965.6	874.3
27.5°	2176.2	2254.6	2268.9	2252.2	2268.9	2254.6	2176.2	2104.7	1924.1	1798.8	1536.9
25°	4319.9	4443.9	4398.6	4339.8	4398.6	4443.9	4319.9	3875.4	3213.5	3037.9	2694.1
22.5°	10955.6	11446.2	11395.7	10982.0	11395.7	11446.2	10955.6	8903.1	7147.5	5676.9	4653.4
20°	30099.5	33338.4	34747.9	32837.7	34747.9	33338.4	30099.5	22647.5	18440.0	12247.1	9278.1
17.5°	63709.8	73578.0	80594.5	83522.3	80594.5	73578.0	63709.8	50953.6	39502.0	27505.4	17684.9
15°	104212.9	119067.6	127706.8	126546.1	127706.8	119067.6	104212.9	86230.1	66996.2	48716.0	29992.5
12.5°	149853.1	167459.4	182050.4	182359.7	182050.4	167459.4	149853.1	126059.9	97306.2	70092.8	45410.6
10°	193998.7	218434.7	238349.7	242208.9	238349.7	218434.7	193998.7	160750.8	128791.9	93262.1	60085.0
7.5°	227117.9	264578.0	289576.9	298737.1	289576.9	264578.0	227117.9	191014.2	150764.4	110747.6	74411.9
5°	259847.6	299099.7	324572.2	329091.1	324572.2	299099.7	259847.6	208352.7	165034.4	123936.5	83590.7
2.5°	281923.2	321518.1	343808.7	359269.9	343808.7	321518.1	281923.2	225654.9	177357.5	132730.2	90165.5
0°	294854.3	327115.8	363999.8	381137.1	363999.8	327115.8	294854.3	233930.3	183553.4	138465.4	93933.1
-2.5°	285077.3	321370.8	342487.6	361961.6	342487.6	321370.8	285077.3	230231.4	179466.1	135474.7	91311.9
-5°	252697.1	292168.2	310823.8	313258.1	310823.8	292168.2	252697.1	205681.2	164859.1	125305.9	84543.8
-7.5°	206483.2	243233.9	261145.3	271033.1	261145.3	243233.9	206483.2	172685.6	140881.7	106495.8	71882.4
-10°	167150.2	188597.2	200655.0	201448.9	200655.0	188597.2	167150.2	142456.0	115616.4	86097.5	56366.5
-12.5°	129048.8	143434.7	150566.1	150305.3	150566.1	143434.7	129048.8	110112.2	85733.5	63465.0	42906.9
-15°	94698.2	105874.6	112307.2	115391.7	112307.2	105874.6	94698.2	78873.7	60902.9	43445.5	28703.9
-17.5°	66841.1	75719.8	82165.4	84769.4	82165.4	75719.8	66841.1	54209.6	42340.9	29275.2	19790.0
-20°	45567.7	51652.7	55834.5	57609.7	55834.5	51652.7	45567.7	37052.9	28996.7	20528.0	14286.4



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30014.9	34094.3	36961.4	36807.5	36961.4	34094.3	30014.9	24956.1	19355.3	14361.3	10430.6
-25°	19134.1	21377.1	22849.8	22969.1	22849.8	21377.1	19134.1	16001.1	12563.2	10342.9	8248.9
-27.5°	12664.2	13650.2	14244.5	14347.7	14244.5	13650.2	12664.2	11113.9	9347.7	8274.3	7165.5
-30°	9585.1	10038.8	10378.5	10364.3	10378.5	10038.8	9585.1	8817.4	8005.5	7246.8	6529.3
-32.5°	7968.4	8191.7	8340.5	8460.7	8340.5	8191.7	7968.4	7548.8	7055.6	6575.0	6116.3
-35°	6968.5	7082.2	7165.2	7240.7	7165.2	7082.2	6968.5	6756.0	6446.3	6121.3	5797.7
-37.5°	6400.9	6479.5	6531.7	6549.3	6531.7	6479.5	6400.9	6263.7	6025.4	5781.1	5497.4
-40°	5957.6	6001.9	6028.3	6043.9	6028.3	6001.9	5957.6	5880.2	5677.8	5452.5	5136.0
-42.5°	5624.9	5685.7	5717.2	5716.6	5717.2	5685.7	5624.9	5539.2	5298.4	4985.2	4550.1
-45°	5184.1	5337.9	5431.1	5470.7	5431.1	5337.9	5184.1	4971.2	4600.1	4141.7	3629.6
-47.5°	4169.0	4461.0	4665.9	4773.5	4665.9	4461.0	4169.0	3826.3	3408.2	2949.5	2500.1
-50°	2715.4	2813.1	2854.1	2837.0	2854.1	2813.1	2715.4	2614.1	2501.5	2367.8	2236.9
-52.5°	2358.9	2393.9	2415.1	2424.5	2415.1	2393.9	2358.9	2317.9	2262.5	2168.4	2070.8
-55°	2153.9	2192.9	2218.0	2230.9	2218.0	2192.9	2153.9	2107.5	2052.4	1953.7	1850.4
-57.5°	1863.5	1894.9	1914.1	1923.0	1914.1	1894.9	1863.5	1824.0	1776.6	1692.2	1601.6
-60°	1565.2	1591.0	1607.9	1617.0	1607.9	1591.0	1565.2	1533.5	1496.3	1435.0	1364.6
-62.5°	1296.4	1315.4	1332.1	1343.9	1332.1	1315.4	1296.4	1271.3	1240.3	1189.9	1127.7
-65°	1031.0	1048.0	1060.1	1067.0	1060.1	1048.0	1031.0	1008.9	981.8	940.7	888.0
-67.5°	774.9	788.7	800.1	807.5	800.1	788.7	774.9	757.0	735.1	704.4	664.6
-70°	540.4	550.5	560.4	567.4	560.4	550.5	540.4	526.9	510.3	488.3	459.0
-72.5°	325.4	331.8	334.8	335.0	334.8	331.8	325.4	316.6	305.6	290.8	269.6
-75°	145.2	145.6	148.6	151.0	148.6	145.6	145.2	143.8	141.2	136.6	127.9
-77.5°	70.0	71.2	72.5	73.6	72.5	71.2	70.0	68.6	66.9	64.8	61.5
-80°	43.5	44.3	44.4	44.5	44.4	44.3	43.5	42.7	41.7	40.7	39.5
-82.5°	30.2	30.9	31.0	31.0	31.0	30.9	30.2	29.5	28.8	28.0	27.2
-85°	19.3	19.4	19.4	19.4	19.4	19.4	19.3	19.2	19.1	19.0	18.4
-87.5°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5	13.5	13.5	13.4
-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: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.7	9.7	9.7	9.2	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	3.1	3.4	3.6
77.5°	2.7	2.9	3.1	3.4	3.6	3.9	4.2	4.4	4.6	4.8	4.8
75°	4.3	4.6	5.0	5.5	5.8	5.7	5.6	5.5	5.5	5.6	5.7
72.5°	9.0	8.9	9.2	9.8	9.8	10.2	10.2	9.6	8.5	6.9	5.8
70°	14.3	15.1	16.6	18.7	20.0	20.3	19.8	18.3	15.7	13.7	11.0
67.5°	17.8	19.3	22.3	25.7	28.1	29.8	31.2	31.6	30.1	27.1	19.5
65°	18.8	20.7	23.4	26.2	29.6	33.7	39.7	42.8	43.0	40.9	31.6
62.5°	16.7	19.0	21.3	23.9	27.0	31.5	38.4	44.6	50.5	52.1	42.3
60°	13.6	15.6	17.3	19.6	22.5	28.4	36.0	43.3	50.3	50.7	47.5
57.5°	11.1	12.4	14.2	15.8	17.1	22.4	30.6	40.8	49.2	47.6	45.8
55°	9.8	10.8	12.4	14.1	15.8	18.9	23.6	31.2	40.3	43.3	41.7
52.5°	11.5	11.7	12.2	12.9	14.6	16.7	19.5	24.8	29.3	33.6	36.3
50°	13.4	13.4	13.4	13.4	14.6	15.5	17.4	20.3	23.4	26.9	29.7
47.5°	17.3	17.3	15.8	15.4	17.7	16.9	17.6	18.8	21.9	22.8	25.7
45°	28.9	28.6	23.4	24.7	26.8	26.8	22.2	24.1	24.3	24.5	23.1
42.5°	94.0	65.1	49.6	44.7	42.3	42.1	39.5	36.8	34.2	30.3	30.5
40°	180.1	153.5	118.4	79.9	66.5	61.6	63.8	55.7	50.1	43.5	45.3
37.5°	197.1	139.9	161.8	149.4	109.0	101.6	103.9	89.1	69.5	81.2	79.3
35°	212.7	198.2	221.6	219.5	176.8	202.8	178.9	144.6	127.7	145.9	131.4
32.5°	399.9	412.6	391.1	369.0	372.3	368.3	326.1	244.6	247.0	245.8	216.2
30°	782.7	761.8	697.8	661.3	673.2	611.1	529.8	515.1	453.4	372.1	324.5
27.5°	1472.7	1265.2	1160.6	1181.4	1091.7	964.4	923.4	896.5	732.4	580.2	462.9
25°	2532.7	2195.6	2020.3	1929.2	1716.4	1535.0	1462.1	1362.2	1151.0	849.0	644.2
22.5°	4023.4	3648.6	3300.2	2889.9	2604.1	2376.4	2129.7	1892.2	1642.1	1236.7	919.2
20°	6482.6	5513.0	4857.7	4177.7	3649.6	3305.4	2891.9	2485.8	2141.3	1725.7	1235.5
17.5°	11436.3	8096.4	6456.1	5451.6	4750.2	4269.3	3612.9	3014.5	2619.9	2246.6	1574.1
15°	17641.6	11540.9	8330.9	6796.6	5738.0	4846.4	4175.6	3486.6	3079.5	2723.0	1982.4
12.5°	26805.4	15836.4	10066.6	7771.8	6337.7	5360.5	4651.1	3979.8	3451.7	2968.9	2273.5
10°	35153.7	20893.6	12696.2	8883.0	6989.0	5818.6	4957.1	4169.3	3553.0	3099.0	2516.2
7.5°	45083.4	26169.1	15305.4	9848.5	7544.7	6062.2	5010.9	4195.1	3613.0	3191.2	2712.1
5°	50803.5	29985.2	17097.9	10606.9	8014.3	6289.1	5032.4	4149.2	3636.9	3251.3	2863.2
2.5°	54109.1	32260.7	18131.9	11137.6	8359.0	6511.7	5089.8	4156.0	3666.2	3290.9	2921.4
0°	56015.9	32309.0	18348.6	11228.0	8433.6	6744.9	5209.3	4225.5	3691.0	3315.3	2941.6
-2.5°	54183.4	32314.0	18069.3	11043.6	8370.7	6715.0	5274.1	4300.6	3750.4	3329.3	2933.7
-5°	50543.1	29729.9	16846.9	10486.9	7983.4	6415.2	5162.9	4271.7	3735.8	3309.1	2891.7
-7.5°	43963.3	25724.4	14951.4	9696.5	7433.0	5993.3	4924.1	4122.6	3595.9	3195.5	2760.0
-10°	34399.0	20340.1	12272.7	8549.0	6726.8	5546.1	4646.0	3932.8	3438.2	3069.5	2603.6
-12.5°	26070.0	15358.0	9499.6	7181.4	5921.1	5046.9	4345.9	3728.2	3265.0	2933.5	2427.3
-15°	17499.6	11441.5	8110.5	6342.2	5268.8	4606.2	4089.5	3599.3	3202.2	2829.8	2235.2
-17.5°	13147.1	8762.6	6784.0	5697.1	4878.4	4301.3	3917.0	3534.8	3168.2	2747.3	2056.9
-20°	9708.0	7562.6	6167.6	5257.3	4612.6	4154.7	3793.3	3477.8	3114.0	2545.5	1840.5



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8208.5	6839.0	5748.9	4936.0	4417.2	4030.2	3705.0	3404.9	3035.8	2279.0	1601.3
-25°	7157.8	6211.4	5431.3	4872.5	4314.7	3887.8	3618.2	3307.0	2735.1	1979.4	1377.7
-27.5°	6413.0	5741.1	5354.0	4850.5	4329.4	3852.5	3518.8	3153.1	2393.5	1703.3	1355.0
-30°	5954.2	5578.5	5236.4	4848.4	4347.7	3873.1	3446.5	2753.4	2044.7	1468.6	1338.4
-32.5°	5717.4	5384.5	5066.5	4745.7	4296.7	3809.7	3086.3	2324.8	1652.7	1441.3	1309.1
-35°	5474.5	5127.4	4806.7	4481.6	4129.6	3374.0	2603.6	1867.6	1539.7	1401.4	1269.9
-37.5°	5165.6	4795.5	4469.0	4095.7	3480.7	2766.9	2011.9	1654.0	1492.6	1349.8	1208.0
-40°	4768.6	4419.8	3902.4	3359.0	2711.8	2021.3	1757.6	1597.1	1445.7	1281.3	1132.8
-42.5°	4090.5	3617.3	3085.5	2485.6	1989.2	1836.1	1687.7	1543.8	1383.6	1209.7	1054.4
-45°	3134.5	2642.6	2176.3	2030.1	1883.7	1752.6	1626.9	1465.8	1295.4	1129.4	973.8
-47.5°	2302.9	2165.9	2033.2	1916.9	1795.9	1666.7	1514.5	1359.5	1193.9	1039.5	907.9
-50°	2119.2	2015.0	1913.2	1805.5	1662.2	1518.3	1375.7	1232.8	1087.9	959.2	835.2
-52.5°	1967.1	1852.7	1735.5	1614.9	1488.5	1355.6	1224.4	1111.5	992.2	869.8	755.0
-55°	1743.1	1636.7	1529.5	1419.6	1311.3	1206.6	1101.6	993.2	881.6	769.8	664.1
-57.5°	1509.2	1418.2	1331.0	1245.7	1163.2	1063.0	958.3	857.1	759.5	659.2	566.8
-60°	1291.3	1216.7	1139.4	1060.4	980.3	893.5	802.7	713.9	627.5	553.5	480.1
-62.5°	1061.5	991.7	926.6	860.2	792.1	720.1	646.2	581.0	517.9	454.3	384.3
-65°	831.7	772.3	716.6	668.2	619.1	569.1	512.7	455.2	398.5	343.5	282.1
-67.5°	623.4	581.1	541.4	501.2	457.5	411.6	363.1	315.9	275.4	235.8	187.9
-70°	426.9	392.1	357.1	321.9	289.6	259.4	228.7	196.9	163.7	138.0	112.1
-72.5°	247.0	223.0	199.7	177.7	154.8	139.4	124.7	108.0	89.9	70.2	55.7
-75°	118.4	108.0	97.7	88.3	77.7	65.8	59.2	54.8	50.3	45.7	41.2
-77.5°	58.2	54.9	51.8	49.5	46.8	43.8	40.5	37.6	35.7	33.9	32.0
-80°	38.3	36.9	35.5	34.2	32.9	31.5	30.2	28.9	27.7	26.5	25.3
-82.5°	26.3	25.3	24.4	23.8	23.2	22.5	21.8	21.1	20.3	19.4	18.5
-85°	17.8	17.2	16.7	16.4	16.1	15.7	15.3	15.0	14.7	14.3	14.0
-87.5°	13.4	13.3	13.2	12.7	12.1	11.5	10.9	10.8	10.7	10.6	10.5
-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: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-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	3.4	3.9	3.9	3.9	3.9
85°	2.1	2.2	2.2	2.2	2.5	2.9	3.4	3.9	3.9	3.9	3.9
82.5°	2.5	2.9	3.2	3.3	3.3	3.4	3.6	3.9	4.0	3.9	3.9
80°	3.5	3.5	3.7	3.9	3.9	3.9	3.8	3.9	4.2	4.3	4.2
77.5°	4.4	4.1	3.9	3.9	3.9	3.9	3.9	4.0	4.4	4.6	4.6
75°	5.2	4.5	4.1	4.0	4.0	3.9	3.9	4.0	4.5	5.0	5.1
72.5°	5.6	5.1	4.5	4.1	4.4	4.4	4.2	4.1	4.6	5.0	5.5
70°	8.3	6.3	5.5	5.0	4.9	5.1	5.0	4.7	4.6	5.1	5.5
67.5°	12.7	9.6	7.4	6.0	5.5	5.5	5.7	5.4	5.1	5.1	5.6
65°	22.7	15.2	9.5	7.6	6.3	5.7	5.8	5.8	5.5	5.4	5.6
62.5°	32.4	22.6	15.5	10.0	7.1	6.1	5.8	6.0	5.9	5.6	5.7
60°	42.2	31.5	22.0	15.5	9.8	6.3	6.0	6.3	6.2	5.8	5.8
57.5°	42.6	39.1	30.9	21.7	14.4	8.5	6.2	6.6	6.6	6.2	5.8
55°	40.6	38.6	37.0	29.5	19.9	12.4	7.8	7.1	7.1	6.6	5.9
52.5°	36.1	38.0	38.4	35.1	26.6	16.9	11.4	7.6	7.6	7.2	6.4
50°	31.3	36.4	39.3	37.8	32.5	23.2	14.7	10.2	8.2	7.7	6.9
47.5°	29.3	35.3	39.4	40.4	36.0	29.4	19.7	12.8	8.9	8.4	7.5
45°	29.7	34.6	39.8	41.9	40.0	33.7	25.2	15.2	11.0	9.0	8.0
42.5°	32.0	36.3	39.8	44.1	42.6	37.3	30.4	19.6	12.8	9.6	8.5
40°	43.4	40.5	41.4	46.2	45.8	40.8	33.8	24.1	14.5	10.5	9.1
37.5°	58.8	51.5	46.8	52.8	50.5	44.3	36.8	28.5	16.6	11.8	9.5
35°	100.4	69.1	68.7	69.0	60.0	48.5	39.6	32.0	20.6	12.9	10.0
32.5°	153.2	119.2	116.1	96.6	73.1	53.3	43.2	35.2	24.5	14.0	10.5
30°	255.2	229.4	181.6	132.3	93.6	65.7	48.3	38.4	28.4	15.0	11.0
27.5°	422.8	365.2	270.4	192.7	128.0	81.8	55.3	41.8	32.3	16.7	11.8
25°	596.1	522.6	402.2	270.2	167.9	114.1	63.4	45.4	35.4	19.8	12.5
22.5°	763.9	686.3	550.9	358.2	226.1	155.8	81.0	51.7	38.2	22.7	13.2
20°	927.4	853.9	703.1	438.4	294.5	206.8	111.4	58.5	40.9	25.5	13.7
17.5°	1107.8	982.9	788.7	532.5	362.3	258.2	146.5	65.7	43.6	28.2	14.2
15°	1329.4	1059.2	871.1	616.0	422.7	309.5	185.1	73.0	46.2	30.6	14.8
12.5°	1527.8	1129.8	952.3	689.3	476.2	360.2	225.9	80.4	48.7	33.4	15.6
10°	1714.2	1194.6	1030.7	752.5	523.4	409.8	267.7	88.6	52.7	36.6	16.4
7.5°	1884.3	1254.0	1104.4	806.0	562.0	443.8	293.5	98.8	56.8	39.5	17.3
5°	2023.2	1301.1	1155.8	842.5	581.1	460.3	312.2	108.6	60.7	42.2	18.0
2.5°	2088.4	1333.6	1187.4	869.8	597.2	473.1	326.0	117.7	64.4	44.5	18.7
0°	2122.4	1361.4	1208.4	888.9	610.0	482.2	335.0	125.9	67.8	46.5	19.4
-2.5°	2127.4	1367.6	1213.7	908.3	630.3	495.4	346.9	148.3	85.2	57.2	25.4
-5°	2100.7	1368.4	1209.9	919.3	646.6	505.0	354.7	169.2	101.9	67.2	31.2
-7.5°	2009.6	1347.7	1189.1	920.2	658.3	510.8	359.3	188.5	117.5	76.4	36.7
-10°	1881.0	1311.6	1149.1	904.5	669.3	519.1	363.2	205.8	131.8	84.5	41.6
-12.5°	1723.7	1270.9	1108.0	885.6	677.4	530.3	375.4	223.3	144.6	91.4	45.8
-15°	1538.9	1225.9	1068.2	865.0	682.3	539.4	383.9	238.9	156.2	97.6	49.2
-17.5°	1335.7	1177.0	1031.9	844.1	684.0	546.7	388.9	250.7	165.9	103.0	52.4
-20°	1290.6	1147.8	1000.0	824.3	682.8	552.5	390.4	258.6	173.5	106.6	55.1



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1273.3	1134.7	979.4	815.3	681.1	557.4	388.5	262.1	178.9	108.3	56.7
-25°	1255.5	1118.9	956.2	802.6	680.8	550.7	387.4	261.1	181.9	108.0	57.0
-27.5°	1234.4	1096.7	927.1	782.4	667.0	540.5	384.9	263.6	182.0	105.5	55.9
-30°	1210.6	1059.2	897.7	757.2	648.2	513.0	376.3	263.1	178.8	103.1	53.4
-32.5°	1176.9	1015.6	861.1	732.6	617.3	482.9	356.8	259.3	172.6	100.1	51.6
-35°	1119.6	965.5	816.9	702.1	581.1	454.5	336.2	252.1	163.3	95.0	49.3
-37.5°	1056.1	908.6	778.0	664.0	543.4	423.4	320.3	236.1	151.0	87.8	45.9
-40°	989.1	853.0	735.1	621.4	505.8	389.6	301.0	216.1	139.6	78.4	41.3
-42.5°	918.4	800.9	687.8	577.4	466.1	364.5	278.1	193.2	124.9	70.4	35.6
-45°	855.9	744.2	636.5	529.8	425.5	335.8	249.3	168.3	107.7	62.4	30.9
-47.5°	788.9	684.5	580.6	478.2	389.1	302.4	217.2	146.5	88.7	52.8	28.8
-50°	720.5	619.9	520.1	429.7	347.4	262.7	183.8	122.2	75.5	41.4	26.4
-52.5°	648.0	549.7	461.2	380.0	298.4	219.3	153.3	96.7	61.1	35.2	23.6
-55°	566.1	481.6	402.7	322.7	244.8	179.2	120.1	78.8	45.6	31.3	20.6
-57.5°	488.5	413.4	334.9	259.1	194.1	137.6	93.3	59.7	38.2	27.1	19.6
-60°	407.7	332.9	260.4	199.4	144.4	101.6	70.0	44.1	33.0	23.3	18.4
-62.5°	315.4	249.7	193.1	140.8	102.8	73.1	48.6	37.7	27.6	21.8	17.1
-65°	227.0	174.5	126.6	97.2	69.4	49.0	40.8	31.1	24.8	20.1	15.9
-67.5°	141.4	111.6	83.9	58.6	47.5	40.2	32.6	27.3	22.6	18.3	15.0
-70°	86.2	62.0	50.8	44.4	37.9	31.8	28.5	24.6	20.4	17.0	14.0
-72.5°	50.2	44.8	39.4	34.1	30.9	27.9	25.0	22.0	18.7	15.7	12.9
-75°	36.7	34.0	31.6	29.0	26.3	23.9	22.0	19.9	17.0	14.3	11.8
-77.5°	30.0	28.0	25.8	23.9	22.2	20.6	19.2	17.7	15.1	12.8	10.6
-80°	23.8	22.3	20.9	19.6	18.4	17.4	16.5	15.4	13.3	11.3	9.4
-82.5°	17.6	17.0	16.4	15.8	15.1	14.5	13.8	13.1	11.3	9.7	8.3
-85°	13.6	13.3	12.9	12.4	12.0	11.6	11.2	10.7	9.5	8.4	7.5
-87.5°	10.3	10.2	10.1	9.9	9.6	9.2	8.7	8.2	7.6	7.1	6.7
-90°	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9	3.9	3.9



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-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	3.9
87.5°	3.9	4.0	4.1	4.1	4.1	4.0	3.9
85°	3.9	4.1	4.2	4.3	4.2	4.1	3.9
82.5°	3.9	4.2	4.4	4.5	4.4	4.1	3.9
80°	4.0	4.3	4.6	4.7	4.6	4.2	3.9
77.5°	4.5	4.5	4.8	4.8	4.7	4.3	3.9
75°	5.0	4.8	4.9	5.0	4.9	4.4	3.9
72.5°	5.4	5.1	5.1	5.2	5.0	4.5	3.9
70°	5.8	5.4	5.3	5.4	5.2	4.5	3.9
67.5°	5.8	5.7	5.4	5.5	5.4	4.6	3.9
65°	5.8	5.8	5.6	5.5	5.5	4.7	3.9
62.5°	5.8	5.8	5.7	5.6	5.7	4.8	3.9
60°	5.8	5.8	5.8	5.7	5.8	4.8	3.9
57.5°	5.9	5.8	5.8	5.7	5.8	4.9	3.9
55°	6.0	5.8	5.8	5.7	5.8	5.0	3.9
52.5°	6.2	5.8	5.8	5.8	5.8	5.1	3.9
50°	6.3	6.0	5.8	5.8	5.8	5.1	3.9
47.5°	6.6	6.2	5.8	5.8	5.8	5.2	3.9
45°	7.0	6.4	5.8	5.8	5.8	5.2	3.9
42.5°	7.5	6.6	5.8	5.8	5.8	5.3	3.9
40°	7.9	6.9	5.9	5.8	5.8	5.4	3.9
37.5°	8.3	7.1	6.1	5.8	5.8	5.4	3.9
35°	8.7	7.4	6.3	5.8	5.8	5.5	3.9
32.5°	9.1	7.8	6.5	5.8	5.8	5.5	3.9
30°	9.5	8.1	6.7	5.8	5.8	5.5	3.9
27.5°	9.9	8.4	6.8	5.8	5.8	5.6	3.9
25°	10.2	8.7	7.0	5.8	5.8	5.6	3.9
22.5°	10.5	8.9	7.1	5.8	5.8	5.7	3.9
20°	10.9	9.1	7.2	5.8	5.8	5.7	3.9
17.5°	11.2	9.2	7.3	5.8	5.8	5.7	3.9
15°	11.5	9.4	7.4	5.8	5.8	5.7	3.9
12.5°	11.9	9.5	7.5	5.8	5.8	5.8	3.9
10°	12.3	9.5	7.6	5.8	5.8	5.8	3.9
7.5°	12.6	9.6	7.6	5.8	5.8	5.8	3.9
5°	13.0	9.7	7.7	5.8	5.8	5.8	3.9
2.5°	13.3	9.7	7.7	5.8	5.8	5.8	3.9
0°	13.6	9.7	7.7	5.8	5.8	5.8	3.9
-2.5°	15.9	10.5	8.0	6.1	5.9	5.8	3.9
-5°	18.1	11.3	8.4	6.3	6.0	5.8	3.9
-7.5°	20.2	12.1	8.7	6.6	6.0	5.8	3.9
-10°	22.0	12.8	9.0	6.8	6.1	5.8	3.9
-12.5°	23.6	13.4	9.2	7.0	6.2	5.8	3.9
-15°	25.0	14.0	9.5	7.2	6.3	5.7	3.9
-17.5°	26.0	14.4	9.7	7.4	6.3	5.7	3.9
-20°	26.9	14.8	9.9	7.6	6.4	5.7	3.9



REPORT NUMBER: P1305697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.8	15.0	10.1	7.8	6.4	5.7	3.9
-25°	28.1	15.2	10.3	7.9	6.5	5.7	3.9
-27.5°	27.7	15.2	10.5	8.0	6.5	5.6	3.9
-30°	26.5	15.2	10.6	8.1	6.5	5.6	3.9
-32.5°	24.6	14.9	10.7	8.2	6.5	5.6	3.9
-35°	23.7	14.5	10.7	8.2	6.5	5.6	3.9
-37.5°	23.1	14.1	10.7	8.2	6.5	5.5	3.9
-40°	22.2	14.0	10.7	8.2	6.4	5.5	3.9
-42.5°	21.1	13.9	10.6	8.2	6.4	5.5	3.9
-45°	19.6	13.8	10.5	8.1	6.4	5.4	3.9
-47.5°	17.9	13.5	10.3	8.0	6.3	5.4	3.9
-50°	17.2	13.1	10.2	7.8	6.2	5.4	3.9
-52.5°	16.7	12.7	10.0	7.7	6.1	5.4	3.9
-55°	16.0	12.3	9.7	7.5	6.0	5.3	3.9
-57.5°	15.2	11.9	9.4	7.4	5.9	5.3	3.9
-60°	14.3	11.5	9.1	7.2	5.8	5.3	3.9
-62.5°	13.6	11.0	8.8	7.0	5.8	5.2	3.9
-65°	12.9	10.5	8.4	6.7	5.8	5.2	3.9
-67.5°	12.2	9.9	8.0	6.5	5.8	5.2	3.9
-70°	11.4	9.4	7.6	6.2	5.8	5.1	3.9
-72.5°	10.5	8.7	7.2	6.2	5.8	5.1	3.9
-75°	9.6	8.1	6.8	6.1	5.8	5.1	3.9
-77.5°	8.7	7.4	6.6	6.1	5.8	5.0	3.9
-80°	7.8	7.0	6.4	6.0	5.8	5.0	3.9
-82.5°	7.3	6.7	6.3	6.0	5.8	5.0	3.9
-85°	6.8	6.4	6.1	5.9	5.8	4.9	3.9
-87.5°	6.3	6.1	6.0	5.9	5.8	4.9	3.9
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9

(END OF REPORT)