

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: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-3S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

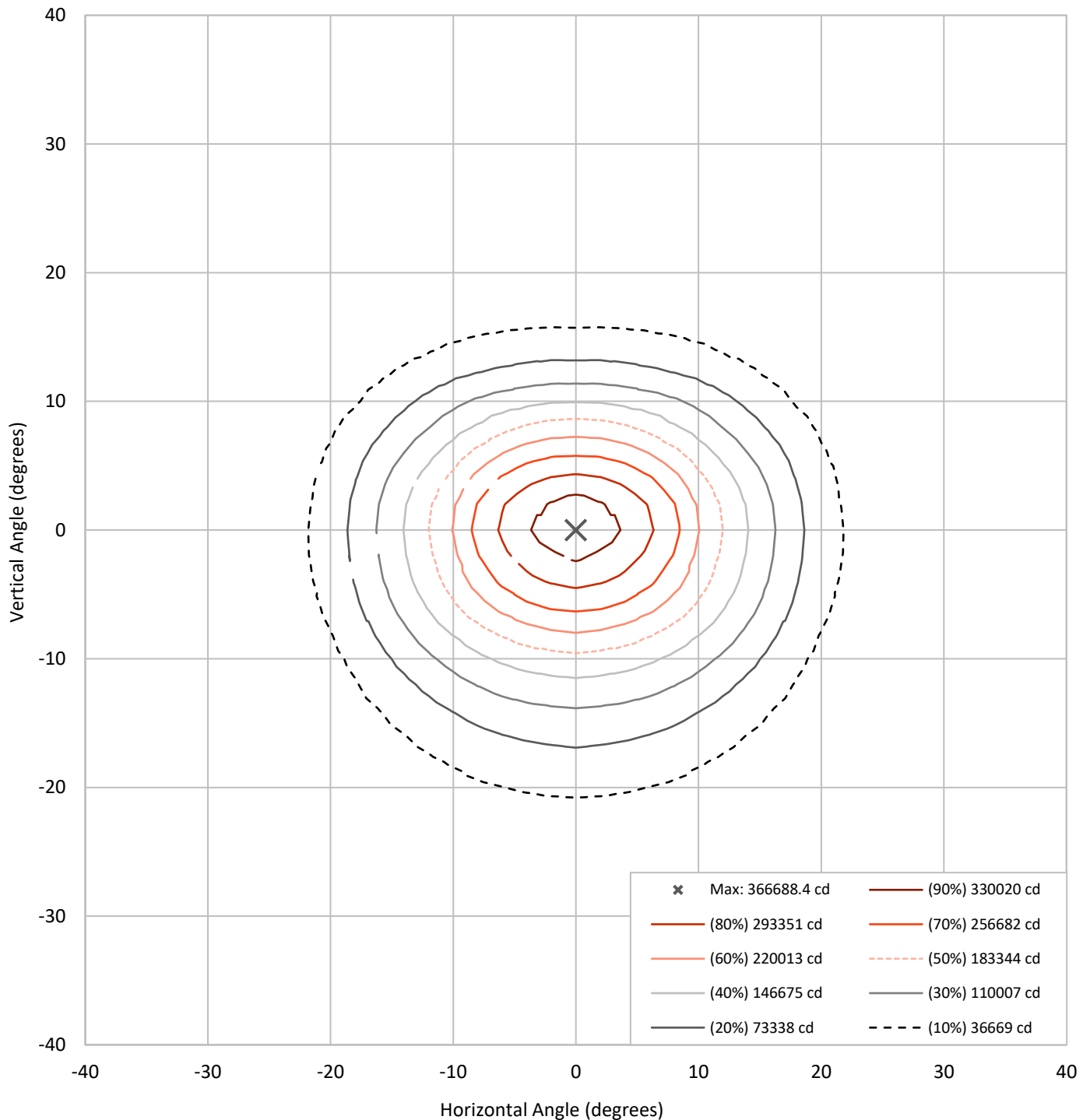
Test Method: LM-79-08  
Report Number: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-640L-57-70-3S-CV5-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	61301.2 lumens	Max Intensity:	366688.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	26223.2 lumens	Field Lumens:	52388 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
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





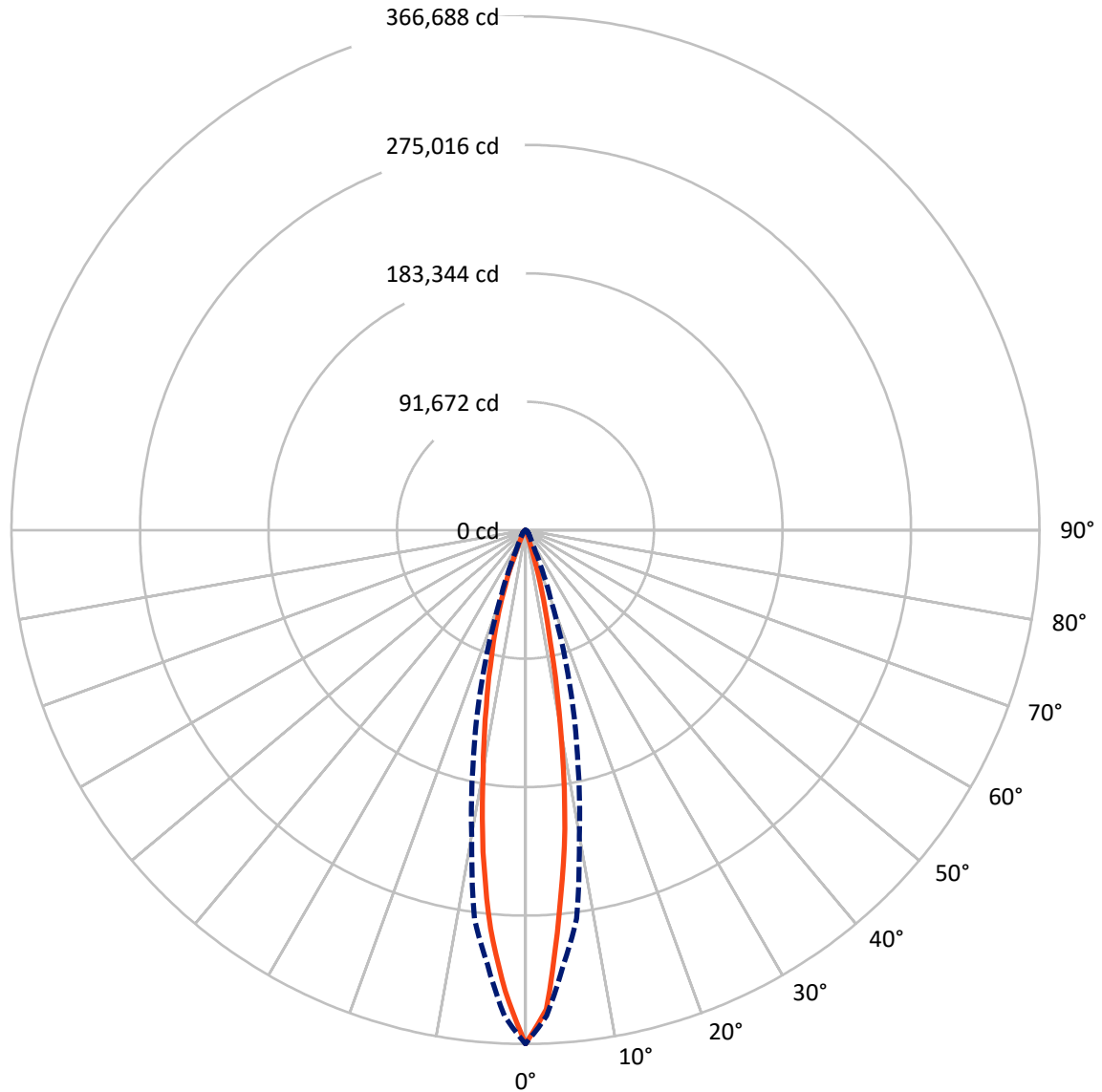
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### Lumen Table

90	0.2	0.5		0.7		0.8		0.9		0.8		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.8		0.9		0.8		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.6	0.9	1.7	2.4	3.0	3.9	3.9	3.0	2.4	1.7	0.9	0.6	0.2				
30	0.3	0.5	1.7	4.3	8.1	12.3	27.9	56.0	56.0	27.9	12.3	8.1	4.3	1.7	0.5	0.3			
20		1.2	6.3	20.1	44.1	118.4	656.7	1502.6	1502.6	656.7	118.4	44.1	20.1	6.3	1.2				
10	0.4	2.2	13.2	47.7	111.2	488.9	3066.6	7158.1	7158.1	3066.6	488.9	111.2	47.7	13.2	2.2	0.4			
0		3.0	15.8	55.8	124.7	521.1	3270.8	7372.7	7372.7	3270.8	521.1	124.7	55.8	15.8	3.0				
-10	0.6	3.2	13.5	42.3	88.5	224.6	1187.5	2672.6	2672.6	1187.5	224.6	88.5	42.3	13.5	3.2	0.6			
-20		3.1	11.0	26.5	62.5	106.0	230.0	462.4	462.4	230.0	106.0	62.5	26.5	11.0	3.1				
-30	0.5	2.7	8.8	18.5	40.5	73.0	99.3	115.8	115.8	99.3	73.0	40.5	18.5	8.8	2.7	0.5			
-40		1.9	6.5	14.1	25.2	41.0	62.8	79.0	79.0	62.8	41.0	25.2	14.1	6.5	1.9				
-50	0.3	0.9	3.9	8.9	15.9	23.5	29.7	33.4	33.4	29.7	23.5	15.9	8.9	3.9	0.9	0.3			
-60		0.3	1.3	3.8	7.2	11.1	14.9	17.1	17.1	14.9	11.1	7.2	3.8	1.3	0.3				
-70	0.2	0.9		2.9		7.9		12.2		7.9		2.9		0.9		0.2			
-80		0.9		2.9		7.9		12.2		7.9		2.9		0.9					
-90	0.2	0.9		2.9		7.9		12.2		7.9		2.9		0.9		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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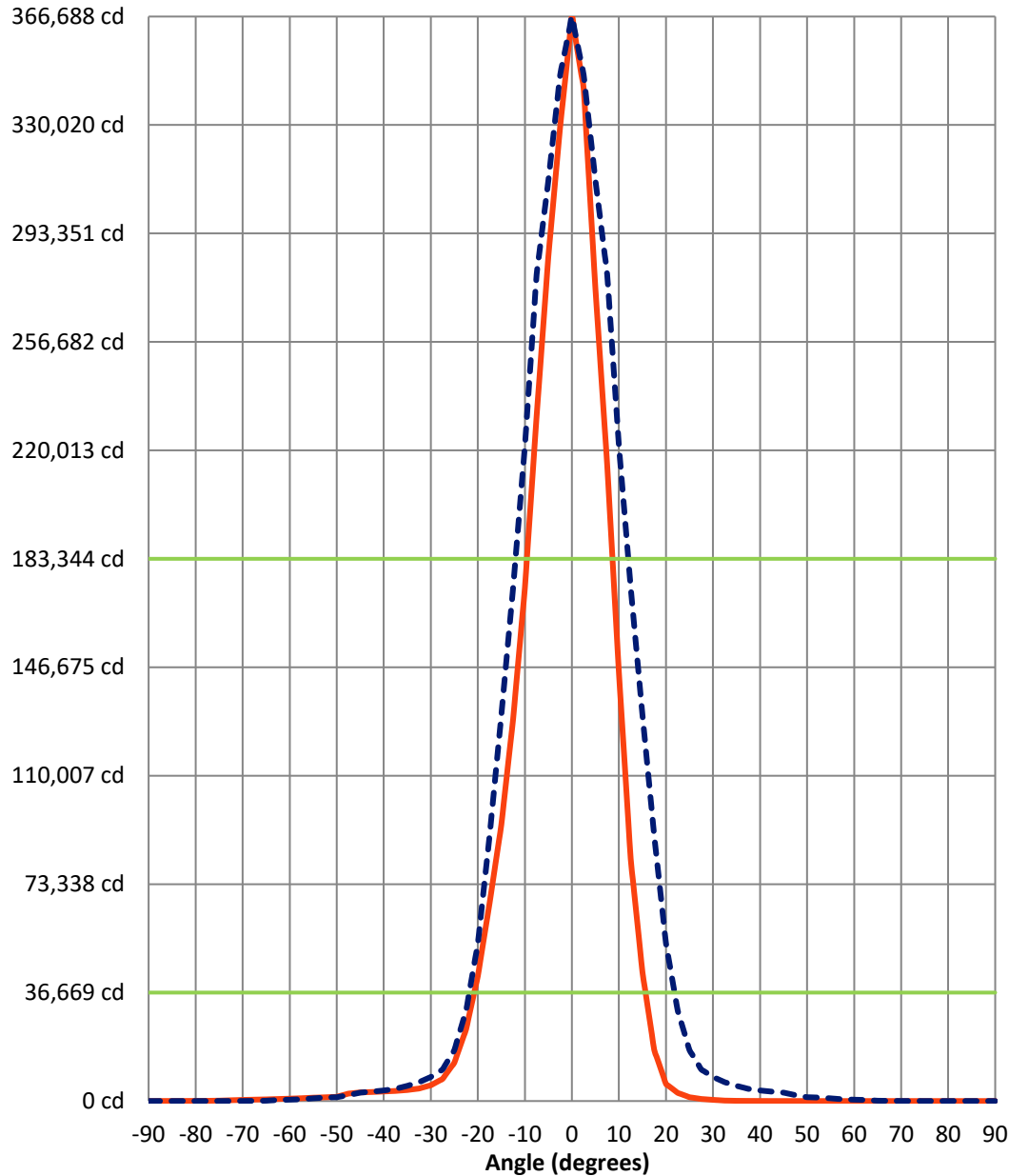
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24°  
 V Angle: 18.2°  
 Lumens: 26223.2  
 Efficiency: 42.8%

**Field:**  
 H Angle: 43.7°  
 V Angle: 36.4°  
 Lumens: 52388  
 Efficiency: 85.5%

**Spill:**  
 Lumens: 8913.2  
 Efficiency: 14.5%

— 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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.3
67.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	8.4	9.1
65°	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.7	8.3	9.1	9.5
62.5°	7.7	7.7	7.7	7.7	7.7	7.9	7.9	8.1	9.0	9.6	9.0
60°	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.6	9.6	9.3	8.5
57.5°	7.7	7.7	7.7	7.7	7.9	8.3	8.5	9.1	9.6	9.1	8.4
55°	7.7	7.7	7.8	7.7	8.1	8.5	8.8	9.6	9.5	9.0	8.5
52.5°	7.7	7.7	7.8	7.7	8.3	8.7	9.2	9.7	9.5	9.1	8.6
50°	7.7	7.7	7.8	7.7	8.5	9.0	9.5	9.8	9.6	9.2	10.5
47.5°	7.7	7.7	7.9	7.7	8.8	9.2	9.7	10.0	9.7	9.3	12.1
45°	7.7	7.7	7.9	7.9	9.0	9.3	9.9	10.1	9.9	10.3	13.3
42.5°	7.7	7.7	8.0	8.1	9.2	9.5	10.1	10.3	10.1	10.9	14.6
40°	7.7	7.7	8.1	8.3	9.4	9.6	10.3	10.6	10.6	11.3	15.8
37.5°	7.7	7.7	8.2	8.6	9.5	9.7	10.5	10.9	11.4	12.5	16.9
35°	7.7	7.7	8.2	8.8	9.6	9.8	10.8	11.3	12.2	14.5	17.6
32.5°	7.7	7.7	8.3	8.9	9.6	10.0	11.1	11.7	13.1	16.6	19.3
30°	7.7	7.7	8.4	9.1	9.7	10.2	11.4	12.2	14.0	18.8	21.5
27.5°	7.7	7.7	8.5	9.2	9.7	10.4	11.7	12.9	15.3	21.0	24.0
25°	7.7	7.7	8.6	9.3	9.7	10.7	12.1	13.7	17.1	23.1	27.0
22.5°	7.7	7.7	8.7	9.4	9.7	10.9	12.4	14.4	18.9	25.4	32.5
20°	7.7	7.7	8.9	9.5	9.7	11.0	12.8	15.2	20.6	27.9	38.6
17.5°	7.7	7.7	9.0	9.6	9.7	11.2	13.0	15.9	22.3	30.5	45.2
15°	7.7	7.7	9.1	9.6	9.7	11.3	13.2	16.8	24.0	33.1	52.0
12.5°	7.7	7.7	9.2	9.7	9.7	11.4	13.3	17.8	25.9	35.9	59.1
10°	7.7	7.7	9.3	9.7	9.7	11.5	13.4	18.9	28.0	40.5	67.7
7.5°	7.7	7.7	9.4	9.7	9.7	11.5	13.5	20.0	29.9	45.5	79.8
5°	7.7	7.7	9.5	9.7	9.7	11.6	13.6	21.2	31.7	50.5	91.8
2.5°	7.7	7.7	9.6	9.7	9.7	11.6	13.6	22.2	33.4	55.4	103.4
0°	7.7	7.7	9.7	9.7	9.7	11.6	13.6	23.2	34.9	60.0	114.3
-2.5°	7.7	7.7	9.7	9.7	9.9	12.0	15.4	27.7	44.3	73.8	130.9
-5°	7.7	7.7	9.7	9.7	10.0	12.4	17.1	32.0	53.2	86.9	146.2
-7.5°	7.7	7.7	9.7	9.7	10.2	12.8	18.7	35.9	61.6	99.1	160.2
-10°	7.7	7.7	9.6	9.7	10.3	13.1	20.1	39.3	69.1	110.3	172.7
-12.5°	7.7	7.7	9.6	9.7	10.5	13.4	21.3	42.2	75.5	120.3	184.1
-15°	7.7	7.7	9.6	9.7	10.6	13.6	22.3	44.4	81.4	129.4	194.0
-17.5°	7.7	7.7	9.5	9.7	10.6	13.8	23.0	46.9	87.0	137.3	201.9
-20°	7.7	7.7	9.5	9.7	10.7	13.9	23.6	49.2	91.2	143.7	207.8



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 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	7.7	9.4	9.7	10.7	13.9	24.4	50.5	93.8	148.7	211.5
-25°	7.7	7.7	9.3	9.7	10.7	14.0	24.5	50.6	94.9	152.1	212.9
-27.5°	7.7	7.7	9.2	9.7	10.7	14.1	23.9	49.5	94.2	153.6	215.8
-30°	7.7	7.7	9.2	9.7	10.6	14.1	22.7	47.0	92.6	152.6	216.9
-32.5°	7.7	7.7	9.1	9.7	10.6	14.0	20.8	45.2	89.7	149.1	215.9
-35°	7.7	7.7	9.0	9.7	10.6	13.8	19.9	43.0	84.8	143.2	212.8
-37.5°	7.7	7.7	8.9	9.7	10.5	13.6	19.6	39.5	78.1	134.9	198.5
-40°	7.7	7.7	8.8	9.7	10.4	13.5	19.1	35.0	69.4	125.2	181.0
-42.5°	7.7	7.7	8.6	9.7	10.4	13.3	18.5	29.3	61.7	110.0	161.6
-45°	7.7	7.7	8.5	9.7	10.4	13.0	17.6	25.0	53.8	92.9	140.8
-47.5°	7.7	7.7	8.4	9.7	10.4	12.7	16.6	23.8	44.4	74.8	120.2
-50°	7.7	7.7	8.3	9.6	10.3	12.2	16.0	22.3	32.8	61.7	98.3
-52.5°	7.7	7.7	8.1	9.4	10.2	11.7	15.3	20.6	27.6	48.0	76.0
-55°	7.7	7.7	8.0	9.2	10.1	11.5	14.6	18.8	25.1	33.8	59.9
-57.5°	7.7	7.7	7.8	9.0	9.9	11.2	13.7	17.7	22.5	28.2	43.3
-60°	7.7	7.7	7.7	8.8	9.7	10.8	12.8	16.4	20.0	25.2	30.6
-62.5°	7.7	7.7	7.7	8.7	9.5	10.4	12.1	15.0	18.4	22.1	27.1
-65°	7.7	7.7	7.7	8.5	9.3	9.9	11.4	13.7	16.7	19.9	23.5
-67.5°	7.7	7.7	7.7	8.3	9.2	9.6	10.7	12.7	15.0	18.0	20.9
-70°	7.7	7.7	7.7	8.1	9.0	9.5	9.8	11.7	13.9	16.0	18.8
-72.5°	7.7	7.7	7.7	8.1	8.8	9.4	9.7	10.7	12.7	14.7	16.7
-75°	7.7	7.7	7.7	8.0	8.7	9.3	9.7	10.3	11.5	13.4	15.3
-77.5°	7.7	7.7	7.7	8.0	8.5	9.2	9.7	10.1	10.9	12.2	13.8
-80°	7.7	7.7	7.7	7.9	8.4	9.0	9.7	9.9	10.4	11.2	12.3
-82.5°	7.7	7.7	7.7	7.9	8.2	8.7	9.2	9.5	9.7	10.1	10.7
-85°	7.7	7.7	7.7	7.8	8.0	8.3	8.7	8.9	9.1	9.2	9.4
-87.5°	7.7	7.7	7.7	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.5
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.2	8.7	9.2
87.5°	7.4	7.2	7.0	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.8
85°	7.7	7.7	7.7	7.7	7.2	6.8	6.3	5.8	5.8	5.8	5.8
82.5°	7.7	7.7	7.7	7.7	7.3	6.8	6.4	6.1	6.1	6.1	6.0
80°	7.7	7.7	7.7	7.7	7.5	7.3	7.3	7.4	7.2	6.8	6.4
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	6.9	6.4
75°	7.7	7.7	7.8	7.8	7.7	7.7	7.7	7.7	7.5	7.4	7.4
72.5°	8.0	8.3	8.2	7.9	7.7	7.7	7.7	7.7	9.1	11.1	12.5
70°	8.8	8.9	8.3	7.9	7.7	8.2	10.6	13.9	17.3	19.8	23.0
67.5°	9.4	8.5	7.9	7.9	9.3	11.9	15.6	23.9	33.1	36.7	37.8
65°	8.7	7.9	8.2	9.5	11.4	18.3	27.4	38.1	45.9	45.4	43.1
62.5°	7.9	8.0	9.0	12.1	18.4	27.0	35.2	42.7	50.2	48.2	41.3
60°	7.8	8.2	11.8	18.2	24.8	31.0	38.8	43.0	46.4	46.2	36.6
57.5°	8.0	10.4	16.8	23.0	28.2	33.0	35.4	38.4	39.6	39.7	29.7
55°	9.3	14.4	20.5	25.8	29.7	29.0	29.9	30.3	30.5	28.5	20.2
52.5°	12.3	17.7	22.7	27.3	28.3	25.4	22.2	22.4	20.9	17.7	14.6
50°	14.8	19.6	24.6	27.7	26.5	21.2	16.4	16.4	14.9	12.9	11.1
47.5°	16.6	21.5	26.2	27.9	23.5	19.2	15.2	13.2	11.8	11.4	10.2
45°	18.2	22.9	27.9	26.1	22.2	19.0	15.7	11.6	12.1	12.1	12.4
42.5°	19.7	23.9	26.7	25.0	22.7	20.3	17.2	14.9	14.0	15.4	16.0
40°	20.4	24.6	25.9	26.3	24.1	22.8	22.4	20.7	17.9	20.4	21.2
37.5°	20.7	24.5	26.9	30.2	27.2	28.0	29.2	29.6	28.0	27.3	30.7
35°	20.7	25.2	32.5	36.3	33.9	35.6	39.0	40.6	40.5	39.8	45.7
32.5°	21.2	26.6	40.2	43.4	45.9	48.0	50.2	53.8	57.1	60.9	70.5
30°	23.9	33.7	48.9	51.4	60.6	70.1	67.5	69.2	76.8	101.0	122.2
27.5°	29.8	43.4	56.6	64.4	79.2	99.2	105.4	93.1	115.2	152.8	188.7
25°	36.7	70.4	64.8	80.3	107.9	137.8	154.5	152.6	174.2	221.8	264.4
22.5°	51.6	105.6	102.2	97.6	141.2	185.1	213.6	263.2	333.0	332.7	348.2
20°	77.5	139.1	149.4	162.4	190.4	239.5	280.3	411.6	557.1	606.5	552.7
17.5°	107.8	176.1	203.2	246.9	309.2	340.9	364.3	589.0	834.9	932.4	963.0
15°	141.5	215.9	260.6	341.5	440.9	497.2	596.5	853.3	1143.8	1308.9	1431.7
12.5°	177.5	257.9	320.8	443.8	582.1	656.5	876.5	1248.2	1537.6	1736.8	2049.1
10°	214.5	301.2	382.7	551.1	729.8	817.8	1176.4	1655.0	1957.3	2188.0	2615.1
7.5°	255.3	344.3	444.3	660.6	880.7	979.7	1486.1	2064.9	2366.4	2623.4	3106.1
5°	295.0	385.7	499.4	753.8	1001.6	1116.2	1765.3	2467.2	2763.8	3042.7	3549.4
2.5°	331.7	425.3	552.4	839.5	1097.5	1211.8	1899.9	2671.9	2995.3	3341.4	3884.3
0°	364.1	462.8	602.3	917.9	1185.1	1303.3	2006.2	2848.6	3183.6	3576.7	4128.6
-2.5°	370.9	477.7	620.0	916.8	1173.4	1301.0	2016.5	2856.4	3248.5	3664.0	4204.2
-5°	372.7	489.6	633.7	907.6	1154.0	1293.5	1995.7	2827.5	3259.2	3642.7	4129.2
-7.5°	370.2	498.2	643.1	889.6	1116.1	1250.5	1878.0	2652.3	3088.8	3423.0	3880.4
-10°	363.4	497.0	632.6	849.2	1055.5	1185.3	1717.0	2450.2	2911.4	3199.0	3597.5
-12.5°	351.8	487.7	615.9	805.8	994.3	1118.7	1529.4	2226.2	2731.6	2977.2	3299.6
-15°	338.8	476.7	596.2	760.9	934.4	1051.7	1316.5	1984.6	2560.3	2810.4	3050.0
-17.5°	325.3	464.2	573.8	716.0	877.8	985.2	1086.5	1727.9	2343.6	2640.3	2871.8
-20°	311.9	450.5	548.9	672.4	824.6	933.8	1016.8	1467.7	2039.1	2451.9	2684.3



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	299.6	436.0	525.3	638.6	777.6	892.7	977.0	1213.1	1717.7	2247.0	2498.1
-25°	295.0	415.1	506.1	609.1	732.7	851.4	938.2	997.2	1414.2	1938.1	2320.8
-27.5°	295.2	397.6	487.6	577.2	687.9	807.3	893.9	954.8	1183.4	1634.4	2120.8
-30°	292.5	376.5	467.3	546.3	648.6	756.5	848.1	932.1	1004.5	1365.5	1794.7
-32.5°	281.5	354.3	442.9	522.1	609.1	707.6	810.6	900.5	979.0	1096.4	1485.3
-35°	266.5	336.0	416.3	496.1	569.0	664.0	765.2	863.6	946.9	1019.8	1197.2
-37.5°	252.9	315.2	388.8	467.5	539.1	620.5	716.4	815.0	904.5	991.2	1071.3
-40°	237.4	291.9	362.5	436.6	508.0	579.2	665.8	758.9	853.3	953.2	1049.8
-42.5°	219.5	272.7	334.6	404.4	472.2	541.9	612.9	700.4	795.4	901.0	1001.7
-45°	196.0	251.5	305.3	368.2	432.4	500.1	568.6	639.1	730.9	828.3	933.7
-47.5°	170.5	226.9	279.2	329.5	390.0	453.1	519.8	589.0	661.5	750.3	844.8
-50°	143.9	196.3	249.4	294.9	345.5	403.8	465.0	533.9	602.9	672.6	753.1
-52.5°	117.8	163.6	213.3	260.6	304.3	353.0	409.8	472.2	538.2	605.1	667.3
-55°	90.3	131.9	174.9	221.0	265.2	306.6	352.4	408.4	467.5	529.6	586.5
-57.5°	68.1	99.5	137.7	178.0	220.7	262.7	302.7	343.2	394.2	449.0	497.8
-60°	48.9	71.7	101.0	136.5	173.0	212.6	252.9	290.7	327.9	363.8	407.5
-62.5°	32.1	49.9	70.5	95.4	127.8	161.2	196.9	233.3	269.6	300.7	329.5
-65°	28.1	32.3	46.2	64.8	83.3	113.4	143.6	172.7	204.5	233.1	260.8
-67.5°	24.0	27.8	31.5	38.1	54.8	73.4	93.0	119.5	144.8	165.4	185.9
-70°	21.3	23.5	26.7	30.0	33.5	41.1	57.4	74.5	91.4	107.2	124.8
-72.5°	18.8	20.8	22.8	24.8	27.8	31.4	35.1	38.9	48.3	61.0	73.1
-75°	16.7	18.1	19.9	21.6	23.5	25.6	28.0	31.1	34.2	36.8	39.2
-77.5°	14.8	15.9	17.1	18.4	19.9	21.5	23.3	25.1	27.1	29.1	31.3
-80°	13.0	13.6	14.3	15.2	16.5	17.7	19.0	20.2	21.3	22.7	24.2
-82.5°	11.2	11.6	12.1	12.5	13.3	14.1	15.1	16.1	16.5	16.8	17.4
-85°	9.5	9.7	10.0	10.3	10.6	11.1	11.6	12.1	12.2	12.3	12.3
-87.5°	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.3	9.5	9.6
-90°	7.2	6.8	6.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.7	10.2	10.6	11.1	11.6	15.9	20.3	24.6	29.0	36.3	43.5
87.5°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.9	1.9
85°	5.8	5.3	4.9	4.4	3.9	3.8	3.8	3.8	3.8	3.3	2.9
82.5°	5.8	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.4	2.9
80°	5.9	5.5	5.3	5.2	5.1	4.9	4.7	4.3	3.9	3.9	3.8
77.5°	6.1	6.1	6.1	6.0	5.9	5.4	4.9	4.5	4.0	3.9	3.9
75°	7.5	7.7	7.9	7.6	7.0	6.5	6.2	5.8	5.5	5.2	4.8
72.5°	13.5	13.6	13.0	12.5	11.3	10.8	10.9	10.7	10.4	10.2	10.1
70°	24.9	25.3	24.3	21.9	18.5	16.3	15.2	13.8	12.2	11.5	11.5
67.5°	35.4	32.4	29.2	26.0	21.8	18.2	16.1	14.2	12.4	11.4	10.9
65°	38.8	31.7	26.5	22.3	19.1	16.4	14.2	12.1	10.0	8.6	8.2
62.5°	33.7	25.1	20.0	16.9	14.7	13.2	11.1	9.1	7.4	6.5	6.7
60°	27.4	18.6	13.8	12.1	10.7	9.7	8.5	7.4	6.4	5.8	5.9
57.5°	20.5	13.5	9.7	9.4	8.9	8.1	7.4	6.8	6.3	5.8	5.8
55°	14.2	11.2	9.7	9.2	8.6	8.1	7.5	6.9	6.4	5.8	5.8
52.5°	11.1	10.2	9.8	9.4	8.8	8.2	7.6	7.1	6.5	5.9	5.8
50°	10.1	9.8	9.9	9.5	9.0	8.4	7.8	7.4	7.3	7.1	7.1
47.5°	10.4	10.7	10.5	9.8	9.4	9.4	9.5	9.5	9.6	9.2	9.1
45°	11.9	11.9	11.8	11.7	11.2	12.3	13.0	13.1	15.2	14.4	12.1
42.5°	14.8	15.5	16.3	17.3	15.9	20.4	27.4	32.2	27.5	21.8	18.3
40°	22.4	22.9	27.8	30.4	36.0	42.4	38.6	32.3	28.8	30.7	31.8
37.5°	35.3	41.2	49.2	58.2	56.0	46.5	47.5	47.4	45.8	49.7	50.0
35°	57.6	72.1	78.9	81.1	77.1	74.1	76.8	79.4	73.4	82.8	85.8
32.5°	94.0	111.8	115.8	111.6	112.1	118.6	123.4	132.2	141.1	155.2	172.0
30°	138.7	157.8	166.9	158.5	160.3	175.7	185.7	205.8	237.9	274.6	320.3
27.5°	205.5	219.7	235.9	238.2	230.6	253.2	288.6	309.7	396.0	453.2	556.1
25°	293.7	315.6	329.9	354.2	367.2	394.5	462.4	527.6	660.2	789.4	1008.5
22.5°	409.4	480.0	505.9	502.2	578.5	652.0	709.8	892.6	1153.8	1536.1	1966.6
20°	562.2	707.3	830.6	870.7	897.9	1091.6	1290.9	1858.2	2508.5	3593.7	4437.6
17.5°	1013.3	1061.1	1332.0	1552.5	1657.4	2067.8	2998.2	4426.1	6880.3	10238.6	12303.3
15°	1691.8	1828.1	2099.7	2566.2	3143.4	4231.3	5784.3	10336.7	16631.3	23510.1	30059.0
12.5°	2440.9	2725.3	3222.9	3909.9	4826.4	7930.3	12942.3	21507.3	33160.6	45078.3	60277.9
10°	3136.2	3708.0	4524.8	5684.3	8037.5	13340.2	21776.6	36335.7	56977.4	78500.8	100003.4
7.5°	3703.3	4521.4	5715.8	7452.7	11670.3	20183.7	34019.3	55470.3	81936.2	109627.2	138781.6
5°	4276.1	5311.7	6750.3	8851.8	14050.8	25470.8	43873.8	73240.8	107395.3	142286.8	179027.7
2.5°	4772.6	5984.1	7649.7	10104.9	15651.7	28332.4	49818.6	85980.1	126081.0	167834.3	214629.8
0°	5139.5	6373.1	8143.0	10697.3	17229.2	30560.1	53298.7	89745.8	130532.6	173638.4	221465.4
-2.5°	5088.4	6204.0	7808.4	10343.2	16681.0	30158.2	51124.9	86645.3	126563.9	166971.6	209626.9
-5°	4855.9	5826.1	7263.7	9532.6	14788.1	26166.1	45878.9	78614.7	115733.7	152659.7	190612.5
-7.5°	4501.6	5340.9	6601.0	8550.2	12605.5	21564.8	37947.2	63554.9	95467.2	127026.4	156303.5
-10°	4135.6	4819.3	5840.6	7380.7	10273.6	16533.8	28118.7	47262.4	73801.5	99791.4	122227.2
-12.5°	3791.5	4300.7	5026.9	6099.4	7882.3	12377.5	21124.8	35091.8	52819.1	72801.3	92228.5
-15°	3470.6	3847.1	4368.7	5233.6	6660.6	9326.8	14075.5	23383.4	35852.6	49800.6	63229.9
-17.5°	3176.4	3486.8	3893.8	4502.7	5387.0	7035.8	10362.4	15683.9	23212.4	33133.7	42407.6
-20°	2912.8	3193.9	3498.4	3954.6	4633.6	5604.1	7241.8	10545.4	14889.8	21143.1	27276.2



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2706.4	2927.2	3163.7	3512.7	4078.8	4767.0	5581.1	6934.5	9325.7	12533.2	16165.8
-25°	2517.7	2681.2	2926.7	3302.3	3690.0	4149.1	4642.7	5185.5	6246.5	7278.1	9179.9
-27.5°	2338.3	2510.8	2766.6	3105.5	3459.2	3673.6	3989.4	4324.6	4832.1	5280.0	6037.7
-30°	2188.7	2369.8	2587.0	2873.0	3170.8	3372.7	3537.0	3779.6	4061.0	4342.0	4667.9
-32.5°	1907.5	2253.1	2403.6	2621.7	2889.9	3102.3	3247.7	3427.9	3578.3	3752.9	3930.0
-35°	1600.0	1981.1	2292.4	2433.5	2618.9	2855.1	3061.9	3206.6	3323.1	3430.8	3532.3
-37.5°	1251.9	1648.3	1988.2	2274.3	2444.0	2602.3	2821.5	3016.3	3156.4	3230.5	3296.5
-40°	1119.5	1234.0	1593.0	1921.2	2176.6	2424.4	2595.3	2786.2	2948.3	3050.6	3127.1
-42.5°	1096.9	1155.7	1202.1	1450.7	1760.7	2026.2	2252.3	2475.0	2673.0	2819.7	2938.2
-45°	1035.6	1105.6	1170.8	1216.8	1264.5	1499.2	1751.7	1997.6	2220.9	2420.8	2595.5
-47.5°	936.7	1020.2	1089.9	1156.6	1208.4	1249.3	1296.7	1375.0	1584.3	1789.6	1984.6
-50°	829.3	904.9	980.5	1052.2	1108.6	1158.0	1203.5	1242.4	1281.7	1322.8	1361.8
-52.5°	723.0	790.6	857.8	920.8	980.8	1037.3	1089.9	1128.4	1161.5	1190.6	1212.5
-55°	639.4	689.6	738.6	792.0	845.3	895.2	940.9	982.7	1020.6	1054.5	1080.7
-57.5°	547.0	596.3	643.2	683.2	722.1	759.6	798.4	835.4	868.2	896.6	919.6
-60°	450.6	492.7	534.4	573.8	611.2	646.6	678.3	707.6	733.9	756.6	773.5
-62.5°	357.5	390.7	428.2	462.5	492.6	521.4	554.1	583.6	609.8	631.5	647.6
-65°	287.0	310.9	337.9	364.4	390.4	418.4	447.0	472.3	494.6	512.8	527.1
-67.5°	209.2	232.7	258.9	282.7	304.6	328.3	355.6	380.7	403.6	422.1	437.0
-70°	141.0	157.7	178.4	200.6	222.1	244.7	269.6	293.5	316.5	334.0	348.3
-72.5°	84.6	95.5	106.6	121.1	136.4	154.9	175.8	196.7	217.5	232.6	244.4
-75°	41.4	45.8	54.9	63.3	71.0	81.0	91.5	101.5	110.8	117.6	123.2
-77.5°	33.5	35.6	37.7	39.8	41.7	46.0	51.2	56.6	62.2	66.6	70.7
-80°	25.7	27.1	28.5	30.0	31.6	34.9	38.5	42.1	45.8	48.5	51.1
-82.5°	18.0	18.7	19.3	19.9	20.5	22.9	25.4	27.8	30.1	32.3	34.4
-85°	12.2	12.4	12.6	12.7	12.9	15.3	17.7	20.2	22.8	24.8	26.9
-87.5°	9.7	9.8	9.8	9.9	9.9	11.9	13.9	15.9	17.8	19.7	21.6
-90°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.4	1.0



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	50.8	58.1	53.2	48.4	53.2	58.1	50.8	43.5	36.3	29.0	24.6
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	3.9
80°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.9	3.9	4.3
77.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.5
75°	4.4	3.9	4.8	5.8	4.8	3.9	4.4	4.8	5.2	5.5	5.8
72.5°	9.9	9.6	9.7	9.7	9.7	9.6	9.9	10.1	10.2	10.4	10.7
70°	11.5	11.5	11.6	11.6	11.6	11.5	11.5	11.5	11.5	12.2	13.8
67.5°	10.4	9.8	9.7	9.7	9.7	9.8	10.4	10.9	11.4	12.4	14.2
65°	7.9	7.8	7.7	7.7	7.7	7.8	7.9	8.2	8.6	10.0	12.1
62.5°	7.1	7.6	7.7	7.7	7.7	7.6	7.1	6.7	6.5	7.4	9.1
60°	5.9	5.9	5.8	5.8	5.8	5.9	5.9	5.9	5.8	6.4	7.4
57.5°	5.8	5.8	6.6	7.7	6.6	5.8	5.8	5.8	5.8	6.3	6.8
55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.4	6.9
52.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.5	7.1
50°	7.4	7.6	7.7	7.7	7.7	7.6	7.4	7.1	7.1	7.3	7.4
47.5°	9.3	9.5	9.0	7.7	9.0	9.5	9.3	9.1	9.2	9.6	9.5
45°	12.1	11.8	11.5	11.6	11.5	11.8	12.1	12.1	14.4	15.2	13.1
42.5°	18.9	19.1	19.2	19.4	19.2	19.1	18.9	18.3	21.8	27.5	32.2
40°	33.5	34.3	34.5	34.9	34.5	34.3	33.5	31.8	30.7	28.8	32.3
37.5°	50.7	51.6	51.8	52.3	51.8	51.6	50.7	50.0	49.7	45.8	47.4
35°	85.5	85.2	82.3	83.3	82.3	85.2	85.5	85.8	82.8	73.4	79.4
32.5°	183.6	185.0	175.5	160.7	175.5	185.0	183.6	172.0	155.2	141.1	132.2
30°	354.8	385.1	405.5	406.7	405.5	385.1	354.8	320.3	274.6	237.9	205.8
27.5°	624.9	672.2	692.3	703.0	692.3	672.2	624.9	556.1	453.2	396.0	309.7
25°	1180.7	1289.0	1347.5	1303.3	1347.5	1289.0	1180.7	1008.5	789.4	660.2	527.6
22.5°	2375.8	2582.9	2759.4	2769.2	2759.4	2582.9	2375.8	1966.6	1536.1	1153.8	892.6
20°	5610.7	5563.6	6009.8	5786.3	6009.8	5563.6	5610.7	4437.6	3593.7	2508.5	1858.2
17.5°	15914.3	17674.6	18647.5	17316.3	18647.5	17674.6	15914.3	12303.3	10238.6	6880.3	4426.1
15°	36586.3	40977.7	43949.1	43569.6	43949.1	40977.7	36586.3	30059.0	23510.1	16631.3	10336.7
12.5°	68791.6	76008.0	82159.0	81901.0	82159.0	76008.0	68791.6	60277.9	45078.3	33160.6	21507.3
10°	119160.6	131741.9	143467.0	144688.5	143467.0	131741.9	119160.6	100003.4	78500.8	56977.4	36335.7
7.5°	165566.3	193897.8	210785.7	215118.5	210785.7	193897.8	165566.3	138781.6	109627.2	81936.2	55470.3
5°	223674.1	256483.2	274232.3	274706.0	274232.3	256483.2	223674.1	179027.7	142286.8	107395.3	73240.8
2.5°	266690.1	303647.2	325440.8	342302.9	325440.8	303647.2	266690.1	214629.8	167834.3	126081.0	85980.1
0°	279483.4	311354.5	346916.6	366688.4	346916.6	311354.5	279483.4	221465.4	173638.4	130532.6	89745.8
-2.5°	262341.0	295709.6	313363.0	329445.4	313363.0	295709.6	262341.0	209626.9	166971.6	126563.9	86645.3
-5°	229775.0	265117.8	282079.1	285699.6	282079.1	265117.8	229775.0	190612.5	152659.7	115733.7	78614.7
-7.5°	182832.4	207707.9	224879.3	231613.7	224879.3	207707.9	182832.4	156303.5	127026.4	95467.2	63554.9
-10°	143091.3	159154.3	167747.3	173461.2	167747.3	159154.3	143091.3	122227.2	99791.4	73801.5	47262.4
-12.5°	107886.7	119498.4	126237.7	129171.2	126237.7	119498.4	107886.7	92228.5	72801.3	52819.1	35091.8
-15°	76793.1	85981.4	90544.7	93450.3	90544.7	85981.4	76793.1	63229.9	49800.6	35852.6	23383.4
-17.5°	52613.5	60001.5	64212.4	66951.1	64212.4	60001.5	52613.5	42407.6	33133.7	23212.4	15683.9
-20°	33663.5	38062.5	41302.7	42247.0	41302.7	38062.5	33663.5	27276.2	21143.1	14889.8	10545.4



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19668.5	22258.6	23890.3	24260.6	23890.3	22258.6	19668.5	16165.8	12533.2	9325.7	6934.5
-25°	10694.2	11822.7	12678.8	12968.8	12678.8	11822.7	10694.2	9179.9	7278.1	6246.5	5185.5
-27.5°	6567.3	7003.6	7319.9	7482.7	7319.9	7003.6	6567.3	6037.7	5280.0	4832.1	4324.6
-30°	4939.6	5138.6	5257.5	5337.0	5257.5	5138.6	4939.6	4667.9	4342.0	4061.0	3779.6
-32.5°	4055.6	4144.8	4198.4	4235.2	4198.4	4144.8	4055.6	3930.0	3752.9	3578.3	3427.9
-35°	3612.5	3670.4	3710.1	3729.7	3710.1	3670.4	3612.5	3532.3	3430.8	3323.1	3206.6
-37.5°	3345.6	3382.0	3408.5	3423.8	3408.5	3382.0	3345.6	3296.5	3230.5	3156.4	3016.3
-40°	3163.6	3189.2	3210.4	3234.0	3210.4	3189.2	3163.6	3127.1	3050.6	2948.3	2786.2
-42.5°	2997.7	3035.6	3054.7	3059.7	3054.7	3035.6	2997.7	2938.2	2819.7	2673.0	2475.0
-45°	2729.3	2834.7	2899.5	2920.3	2899.5	2834.7	2729.3	2595.5	2420.8	2220.9	1997.6
-47.5°	2163.9	2321.7	2440.8	2513.6	2440.8	2321.7	2163.9	1984.6	1789.6	1584.3	1375.0
-50°	1398.2	1431.6	1444.7	1436.9	1444.7	1431.6	1398.2	1361.8	1322.8	1281.7	1242.4
-52.5°	1229.9	1243.3	1254.4	1262.6	1254.4	1243.3	1229.9	1212.5	1190.6	1161.5	1128.4
-55°	1101.2	1116.3	1130.5	1142.5	1130.5	1116.3	1101.2	1080.7	1054.5	1020.6	982.7
-57.5°	938.9	954.2	959.9	958.6	959.9	954.2	938.9	919.6	896.6	868.2	835.4
-60°	787.5	798.3	806.5	811.4	806.5	798.3	787.5	773.5	756.6	733.9	707.6
-62.5°	660.3	669.7	680.3	689.4	680.3	669.7	660.3	647.6	631.5	609.8	583.6
-65°	539.3	549.2	557.3	563.5	557.3	549.2	539.3	527.1	512.8	494.6	472.3
-67.5°	450.4	462.3	471.2	478.3	471.2	462.3	450.4	437.0	422.1	403.6	380.7
-70°	361.4	373.2	380.4	385.4	380.4	373.2	361.4	348.3	334.0	316.5	293.5
-72.5°	254.6	263.2	267.2	269.2	267.2	263.2	254.6	244.4	232.6	217.5	196.7
-75°	128.0	132.2	136.1	139.4	136.1	132.2	128.0	123.2	117.6	110.8	101.5
-77.5°	74.8	78.8	81.2	83.3	81.2	78.8	74.8	70.7	66.6	62.2	56.6
-80°	53.6	55.9	58.0	60.0	58.0	55.9	53.6	51.1	48.5	45.8	42.1
-82.5°	36.5	38.6	39.7	40.7	39.7	38.6	36.5	34.4	32.3	30.1	27.8
-85°	28.9	30.9	31.9	32.9	31.9	30.9	28.9	26.9	24.8	22.8	20.2
-87.5°	23.5	25.3	26.2	27.1	26.2	25.3	23.5	21.6	19.7	17.8	15.9
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.3	15.9	11.6	11.1	10.6	10.2	9.7	9.2	8.7	8.2	7.7
87.5°	2.9	3.4	3.9	4.4	4.9	5.3	5.8	5.8	5.8	5.8	5.8
85°	3.8	3.8	3.9	4.4	4.9	5.3	5.8	5.8	5.8	5.8	5.8
82.5°	3.9	3.9	3.9	4.4	4.9	5.4	5.8	6.0	6.1	6.1	6.1
80°	4.7	4.9	5.1	5.2	5.3	5.5	5.9	6.4	6.8	7.2	7.4
77.5°	4.9	5.4	5.9	6.0	6.1	6.1	6.1	6.4	6.9	7.4	7.7
75°	6.2	6.5	7.0	7.6	7.9	7.7	7.5	7.4	7.4	7.5	7.7
72.5°	10.9	10.8	11.3	12.5	13.0	13.6	13.5	12.5	11.1	9.1	7.7
70°	15.2	16.3	18.5	21.9	24.3	25.3	24.9	23.0	19.8	17.3	13.9
67.5°	16.1	18.2	21.8	26.0	29.2	32.4	35.4	37.8	36.7	33.1	23.9
65°	14.2	16.4	19.1	22.3	26.5	31.7	38.8	43.1	45.4	45.9	38.1
62.5°	11.1	13.2	14.7	16.9	20.0	25.1	33.7	41.3	48.2	50.2	42.7
60°	8.5	9.7	10.7	12.1	13.8	18.6	27.4	36.6	46.2	46.4	43.0
57.5°	7.4	8.1	8.9	9.4	9.7	13.5	20.5	29.7	39.7	39.6	38.4
55°	7.5	8.1	8.6	9.2	9.7	11.2	14.2	20.2	28.5	30.5	30.3
52.5°	7.6	8.2	8.8	9.4	9.8	10.2	11.1	14.6	17.7	20.9	22.4
50°	7.8	8.4	9.0	9.5	9.9	9.8	10.1	11.1	12.9	14.9	16.4
47.5°	9.5	9.4	9.4	9.8	10.5	10.7	10.4	10.2	11.4	11.8	13.2
45°	13.0	12.3	11.2	11.7	11.8	11.9	11.9	12.4	12.1	12.1	11.6
42.5°	27.4	20.4	15.9	17.3	16.3	15.5	14.8	16.0	15.4	14.0	14.9
40°	38.6	42.4	36.0	30.4	27.8	22.9	22.4	21.2	20.4	17.9	20.7
37.5°	47.5	46.5	56.0	58.2	49.2	41.2	35.3	30.7	27.3	28.0	29.6
35°	76.8	74.1	77.1	81.1	78.9	72.1	57.6	45.7	39.8	40.5	40.6
32.5°	123.4	118.6	112.1	111.6	115.8	111.8	94.0	70.5	60.9	57.1	53.8
30°	185.7	175.7	160.3	158.5	166.9	157.8	138.7	122.2	101.0	76.8	69.2
27.5°	288.6	253.2	230.6	238.2	235.9	219.7	205.5	188.7	152.8	115.2	93.1
25°	462.4	394.5	367.2	354.2	329.9	315.6	293.7	264.4	221.8	174.2	152.6
22.5°	709.8	652.0	578.5	502.2	505.9	480.0	409.4	348.2	332.7	333.0	263.2
20°	1290.9	1091.6	897.9	870.7	830.6	707.3	562.2	552.7	606.5	557.1	411.6
17.5°	2998.2	2067.8	1657.4	1552.5	1332.0	1061.1	1013.3	963.0	932.4	834.9	589.0
15°	5784.3	4231.3	3143.4	2566.2	2099.7	1828.1	1691.8	1431.7	1308.9	1143.8	853.3
12.5°	12942.3	7930.3	4826.4	3909.9	3222.9	2725.3	2440.9	2049.1	1736.8	1537.6	1248.2
10°	21776.6	13340.2	8037.5	5684.3	4524.8	3708.0	3136.2	2615.1	2188.0	1957.3	1655.0
7.5°	34019.3	20183.7	11670.3	7452.7	5715.8	4521.4	3703.3	3106.1	2623.4	2366.4	2064.9
5°	43873.8	25470.8	14050.8	8851.8	6750.3	5311.7	4276.1	3549.4	3042.7	2763.8	2467.2
2.5°	49818.6	28332.4	15651.7	10104.9	7649.7	5984.1	4772.6	3884.3	3341.4	2995.3	2671.9
0°	53298.7	30560.1	17229.2	10697.3	8143.0	6373.1	5139.5	4128.6	3576.7	3183.6	2848.6
-2.5°	51124.9	30158.2	16681.0	10343.2	7808.4	6204.0	5088.4	4204.2	3664.0	3248.5	2856.4
-5°	45878.9	26166.1	14788.1	9532.6	7263.7	5826.1	4855.9	4129.2	3642.7	3259.2	2827.5
-7.5°	37947.2	21564.8	12605.5	8550.2	6601.0	5340.9	4501.6	3880.4	3423.0	3088.8	2652.3
-10°	28118.7	16533.8	10273.6	7380.7	5840.6	4819.3	4135.6	3597.5	3199.0	2911.4	2450.2
-12.5°	21124.8	12377.5	7882.3	6099.4	5026.9	4300.7	3791.5	3299.6	2977.2	2731.6	2226.2
-15°	14075.5	9326.8	6660.6	5233.6	4368.7	3847.1	3470.6	3050.0	2810.4	2560.3	1984.6
-17.5°	10362.4	7035.8	5387.0	4502.7	3893.8	3486.8	3176.4	2871.8	2640.3	2343.6	1727.9
-20°	7241.8	5604.1	4633.6	3954.6	3498.4	3193.9	2912.8	2684.3	2451.9	2039.1	1467.7



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5581.1	4767.0	4078.8	3512.7	3163.7	2927.2	2706.4	2498.1	2247.0	1717.7	1213.1
-25°	4642.7	4149.1	3690.0	3302.3	2926.7	2681.2	2517.7	2320.8	1938.1	1414.2	997.2
-27.5°	3989.4	3673.6	3459.2	3105.5	2766.6	2510.8	2338.3	2120.8	1634.4	1183.4	954.8
-30°	3537.0	3372.7	3170.8	2873.0	2587.0	2369.8	2188.7	1794.7	1365.5	1004.5	932.1
-32.5°	3247.7	3102.3	2889.9	2621.7	2403.6	2253.1	1907.5	1485.3	1096.4	979.0	900.5
-35°	3061.9	2855.1	2618.9	2433.5	2292.4	1981.1	1600.0	1197.2	1019.8	946.9	863.6
-37.5°	2821.5	2602.3	2444.0	2274.3	1988.2	1648.3	1251.9	1071.3	991.2	904.5	815.0
-40°	2595.3	2424.4	2176.6	1921.2	1593.0	1234.0	1119.5	1049.8	953.2	853.3	758.9
-42.5°	2252.3	2026.2	1760.7	1450.7	1202.1	1155.7	1096.9	1001.7	901.0	795.4	700.4
-45°	1751.7	1499.2	1264.5	1216.8	1170.8	1105.6	1035.6	933.7	828.3	730.9	639.1
-47.5°	1296.7	1249.3	1208.4	1156.6	1089.9	1020.2	936.7	844.8	750.3	661.5	589.0
-50°	1203.5	1158.0	1108.6	1052.2	980.5	904.9	829.3	753.1	672.6	602.9	533.9
-52.5°	1089.9	1037.3	980.8	920.8	857.8	790.6	723.0	667.3	605.1	538.2	472.2
-55°	940.9	895.2	845.3	792.0	738.6	689.6	639.4	586.5	529.6	467.5	408.4
-57.5°	798.4	759.6	722.1	683.2	643.2	596.3	547.0	497.8	449.0	394.2	343.2
-60°	678.3	646.6	611.2	573.8	534.4	492.7	450.6	407.5	363.8	327.9	290.7
-62.5°	554.1	521.4	492.6	462.5	428.2	390.7	357.5	329.5	300.7	269.6	233.3
-65°	447.0	418.4	390.4	364.4	337.9	310.9	287.0	260.8	233.1	204.5	172.7
-67.5°	355.6	328.3	304.6	282.7	258.9	232.7	209.2	185.9	165.4	144.8	119.5
-70°	269.6	244.7	222.1	200.6	178.4	157.7	141.0	124.8	107.2	91.4	74.5
-72.5°	175.8	154.9	136.4	121.1	106.6	95.5	84.6	73.1	61.0	48.3	38.9
-75°	91.5	81.0	71.0	63.3	54.9	45.8	41.4	39.2	36.8	34.2	31.1
-77.5°	51.2	46.0	41.7	39.8	37.7	35.6	33.5	31.3	29.1	27.1	25.1
-80°	38.5	34.9	31.6	30.0	28.5	27.1	25.7	24.2	22.7	21.3	20.2
-82.5°	25.4	22.9	20.5	19.9	19.3	18.7	18.0	17.4	16.8	16.5	16.1
-85°	17.7	15.3	12.9	12.7	12.6	12.4	12.2	12.3	12.3	12.2	12.1
-87.5°	13.9	11.9	9.9	9.9	9.8	9.8	9.7	9.6	9.5	9.3	9.1
-90°	2.9	3.4	3.9	4.4	4.9	5.3	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-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	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	6.1	6.4	6.7	6.9	7.0	7.2	7.4	7.7	7.7	7.7	7.7
85°	6.3	6.8	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	6.4	6.8	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.3	7.3	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.9	8.2	8.3	8.0	7.7	7.7	7.7	7.7
70°	10.6	8.2	7.7	7.9	8.3	8.9	8.8	8.3	7.7	7.7	7.7
67.5°	15.6	11.9	9.3	7.9	7.9	8.5	9.4	9.1	8.4	7.7	7.7
65°	27.4	18.3	11.4	9.5	8.2	7.9	8.7	9.5	9.1	8.3	7.7
62.5°	35.2	27.0	18.4	12.1	9.0	8.0	7.9	9.0	9.6	9.0	8.1
60°	38.8	31.0	24.8	18.2	11.8	8.2	7.8	8.5	9.3	9.6	8.6
57.5°	35.4	33.0	28.2	23.0	16.8	10.4	8.0	8.4	9.1	9.6	9.1
55°	29.9	29.0	29.7	25.8	20.5	14.4	9.3	8.5	9.0	9.5	9.6
52.5°	22.2	25.4	28.3	27.3	22.7	17.7	12.3	8.6	9.1	9.5	9.7
50°	16.4	21.2	26.5	27.7	24.6	19.6	14.8	10.5	9.2	9.6	9.8
47.5°	15.2	19.2	23.5	27.9	26.2	21.5	16.6	12.1	9.3	9.7	10.0
45°	15.7	19.0	22.2	26.1	27.9	22.9	18.2	13.3	10.3	9.9	10.1
42.5°	17.2	20.3	22.7	25.0	26.7	23.9	19.7	14.6	10.9	10.1	10.3
40°	22.4	22.8	24.1	26.3	25.9	24.6	20.4	15.8	11.3	10.6	10.6
37.5°	29.2	28.0	27.2	30.2	26.9	24.5	20.7	16.9	12.5	11.4	10.9
35°	39.0	35.6	33.9	36.3	32.5	25.2	20.7	17.6	14.5	12.2	11.3
32.5°	50.2	48.0	45.9	43.4	40.2	26.6	21.2	19.3	16.6	13.1	11.7
30°	67.5	70.1	60.6	51.4	48.9	33.7	23.9	21.5	18.8	14.0	12.2
27.5°	105.4	99.2	79.2	64.4	56.6	43.4	29.8	24.0	21.0	15.3	12.9
25°	154.5	137.8	107.9	80.3	64.8	70.4	36.7	27.0	23.1	17.1	13.7
22.5°	213.6	185.1	141.2	97.6	102.2	105.6	51.6	32.5	25.4	18.9	14.4
20°	280.3	239.5	190.4	162.4	149.4	139.1	77.5	38.6	27.9	20.6	15.2
17.5°	364.3	340.9	309.2	246.9	203.2	176.1	107.8	45.2	30.5	22.3	15.9
15°	596.5	497.2	440.9	341.5	260.6	215.9	141.5	52.0	33.1	24.0	16.8
12.5°	876.5	656.5	582.1	443.8	320.8	257.9	177.5	59.1	35.9	25.9	17.8
10°	1176.4	817.8	729.8	551.1	382.7	301.2	214.5	67.7	40.5	28.0	18.9
7.5°	1486.1	979.7	880.7	660.6	444.3	344.3	255.3	79.8	45.5	29.9	20.0
5°	1765.3	1116.2	1001.6	753.8	499.4	385.7	295.0	91.8	50.5	31.7	21.2
2.5°	1899.9	1211.8	1097.5	839.5	552.4	425.3	331.7	103.4	55.4	33.4	22.2
0°	2006.2	1303.3	1185.1	917.9	602.3	462.8	364.1	114.3	60.0	34.9	23.2
-2.5°	2016.5	1301.0	1173.4	916.8	620.0	477.7	370.9	130.9	73.8	44.3	27.7
-5°	1995.7	1293.5	1154.0	907.6	633.7	489.6	372.7	146.2	86.9	53.2	32.0
-7.5°	1878.0	1250.5	1116.1	889.6	643.1	498.2	370.2	160.2	99.1	61.6	35.9
-10°	1717.0	1185.3	1055.5	849.2	632.6	497.0	363.4	172.7	110.3	69.1	39.3
-12.5°	1529.4	1118.7	994.3	805.8	615.9	487.7	351.8	184.1	120.3	75.5	42.2
-15°	1316.5	1051.7	934.4	760.9	596.2	476.7	338.8	194.0	129.4	81.4	44.4
-17.5°	1086.5	985.2	877.8	716.0	573.8	464.2	325.3	201.9	137.3	87.0	46.9
-20°	1016.8	933.8	824.6	672.4	548.9	450.5	311.9	207.8	143.7	91.2	49.2



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	977.0	892.7	777.6	638.6	525.3	436.0	299.6	211.5	148.7	93.8	50.5
-25°	938.2	851.4	732.7	609.1	506.1	415.1	295.0	212.9	152.1	94.9	50.6
-27.5°	893.9	807.3	687.9	577.2	487.6	397.6	295.2	215.8	153.6	94.2	49.5
-30°	848.1	756.5	648.6	546.3	467.3	376.5	292.5	216.9	152.6	92.6	47.0
-32.5°	810.6	707.6	609.1	522.1	442.9	354.3	281.5	215.9	149.1	89.7	45.2
-35°	765.2	664.0	569.0	496.1	416.3	336.0	266.5	212.8	143.2	84.8	43.0
-37.5°	716.4	620.5	539.1	467.5	388.8	315.2	252.9	198.5	134.9	78.1	39.5
-40°	665.8	579.2	508.0	436.6	362.5	291.9	237.4	181.0	125.2	69.4	35.0
-42.5°	612.9	541.9	472.2	404.4	334.6	272.7	219.5	161.6	110.0	61.7	29.3
-45°	568.6	500.1	432.4	368.2	305.3	251.5	196.0	140.8	92.9	53.8	25.0
-47.5°	519.8	453.1	390.0	329.5	279.2	226.9	170.5	120.2	74.8	44.4	23.8
-50°	465.0	403.8	345.5	294.9	249.4	196.3	143.9	98.3	61.7	32.8	22.3
-52.5°	409.8	353.0	304.3	260.6	213.3	163.6	117.8	76.0	48.0	27.6	20.6
-55°	352.4	306.6	265.2	221.0	174.9	131.9	90.3	59.9	33.8	25.1	18.8
-57.5°	302.7	262.7	220.7	178.0	137.7	99.5	68.1	43.3	28.2	22.5	17.7
-60°	252.9	212.6	173.0	136.5	101.0	71.7	48.9	30.6	25.2	20.0	16.4
-62.5°	196.9	161.2	127.8	95.4	70.5	49.9	32.1	27.1	22.1	18.4	15.0
-65°	143.6	113.4	83.3	64.8	46.2	32.3	28.1	23.5	19.9	16.7	13.7
-67.5°	93.0	73.4	54.8	38.1	31.5	27.8	24.0	20.9	18.0	15.0	12.7
-70°	57.4	41.1	33.5	30.0	26.7	23.5	21.3	18.8	16.0	13.9	11.7
-72.5°	35.1	31.4	27.8	24.8	22.8	20.8	18.8	16.7	14.7	12.7	10.7
-75°	28.0	25.6	23.5	21.6	19.9	18.1	16.7	15.3	13.4	11.5	10.3
-77.5°	23.3	21.5	19.9	18.4	17.1	15.9	14.8	13.8	12.2	10.9	10.1
-80°	19.0	17.7	16.5	15.2	14.3	13.6	13.0	12.3	11.2	10.4	9.9
-82.5°	15.1	14.1	13.3	12.5	12.1	11.6	11.2	10.7	10.1	9.7	9.5
-85°	11.6	11.1	10.6	10.3	10.0	9.7	9.5	9.4	9.2	9.1	8.9
-87.5°	9.1	9.0	8.9	8.8	8.8	8.7	8.6	8.5	8.5	8.4	8.3
-90°	5.8	5.8	5.8	5.8	6.3	6.8	7.2	7.7	7.7	7.7	7.7



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
67.5°	7.8	7.7	7.7	7.7	7.7	7.7	7.7
65°	7.8	7.8	7.7	7.7	7.7	7.7	7.7
62.5°	7.9	7.9	7.7	7.7	7.7	7.7	7.7
60°	8.1	8.1	7.7	7.7	7.7	7.7	7.7
57.5°	8.5	8.3	7.9	7.7	7.7	7.7	7.7
55°	8.8	8.5	8.1	7.7	7.8	7.7	7.7
52.5°	9.2	8.7	8.3	7.7	7.8	7.7	7.7
50°	9.5	9.0	8.5	7.7	7.8	7.7	7.7
47.5°	9.7	9.2	8.8	7.7	7.9	7.7	7.7
45°	9.9	9.3	9.0	7.9	7.9	7.7	7.7
42.5°	10.1	9.5	9.2	8.1	8.0	7.7	7.7
40°	10.3	9.6	9.4	8.3	8.1	7.7	7.7
37.5°	10.5	9.7	9.5	8.6	8.2	7.7	7.7
35°	10.8	9.8	9.6	8.8	8.2	7.7	7.7
32.5°	11.1	10.0	9.6	8.9	8.3	7.7	7.7
30°	11.4	10.2	9.7	9.1	8.4	7.7	7.7
27.5°	11.7	10.4	9.7	9.2	8.5	7.7	7.7
25°	12.1	10.7	9.7	9.3	8.6	7.7	7.7
22.5°	12.4	10.9	9.7	9.4	8.7	7.7	7.7
20°	12.8	11.0	9.7	9.5	8.9	7.7	7.7
17.5°	13.0	11.2	9.7	9.6	9.0	7.7	7.7
15°	13.2	11.3	9.7	9.6	9.1	7.7	7.7
12.5°	13.3	11.4	9.7	9.7	9.2	7.7	7.7
10°	13.4	11.5	9.7	9.7	9.3	7.7	7.7
7.5°	13.5	11.5	9.7	9.7	9.4	7.7	7.7
5°	13.6	11.6	9.7	9.7	9.5	7.7	7.7
2.5°	13.6	11.6	9.7	9.7	9.6	7.7	7.7
0°	13.6	11.6	9.7	9.7	9.6	7.7	7.7
-2.5°	15.4	12.0	9.9	9.7	9.7	7.7	7.7
-5°	17.1	12.4	10.0	9.7	9.7	7.7	7.7
-7.5°	18.7	12.8	10.2	9.7	9.7	7.7	7.7
-10°	20.1	13.1	10.3	9.7	9.6	7.7	7.7
-12.5°	21.3	13.4	10.5	9.7	9.6	7.7	7.7
-15°	22.3	13.6	10.6	9.7	9.6	7.7	7.7
-17.5°	23.0	13.8	10.6	9.7	9.5	7.7	7.7
-20°	23.6	13.9	10.7	9.7	9.5	7.7	7.7



REPORT NUMBER: P1305699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.4	13.9	10.7	9.7	9.4	7.7	7.7
-25°	24.5	14.0	10.7	9.7	9.3	7.7	7.7
-27.5°	23.9	14.1	10.7	9.7	9.2	7.7	7.7
-30°	22.7	14.1	10.6	9.7	9.2	7.7	7.7
-32.5°	20.8	14.0	10.6	9.7	9.1	7.7	7.7
-35°	19.9	13.8	10.6	9.7	9.0	7.7	7.7
-37.5°	19.6	13.6	10.5	9.7	8.9	7.7	7.7
-40°	19.1	13.5	10.4	9.7	8.8	7.7	7.7
-42.5°	18.5	13.3	10.4	9.7	8.6	7.7	7.7
-45°	17.6	13.0	10.4	9.7	8.5	7.7	7.7
-47.5°	16.6	12.7	10.4	9.7	8.4	7.7	7.7
-50°	16.0	12.2	10.3	9.6	8.3	7.7	7.7
-52.5°	15.3	11.7	10.2	9.4	8.1	7.7	7.7
-55°	14.6	11.5	10.1	9.2	8.0	7.7	7.7
-57.5°	13.7	11.2	9.9	9.0	7.8	7.7	7.7
-60°	12.8	10.8	9.7	8.8	7.7	7.7	7.7
-62.5°	12.1	10.4	9.5	8.7	7.7	7.7	7.7
-65°	11.4	9.9	9.3	8.5	7.7	7.7	7.7
-67.5°	10.7	9.6	9.2	8.3	7.7	7.7	7.7
-70°	9.8	9.5	9.0	8.1	7.7	7.7	7.7
-72.5°	9.7	9.4	8.8	8.1	7.7	7.7	7.7
-75°	9.7	9.3	8.7	8.0	7.7	7.7	7.7
-77.5°	9.7	9.2	8.5	8.0	7.7	7.7	7.7
-80°	9.7	9.0	8.4	7.9	7.7	7.7	7.7
-82.5°	9.2	8.7	8.2	7.9	7.7	7.7	7.7
-85°	8.7	8.3	8.0	7.8	7.7	7.7	7.7
-87.5°	8.2	8.0	7.9	7.8	7.7	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)