

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: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-5S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

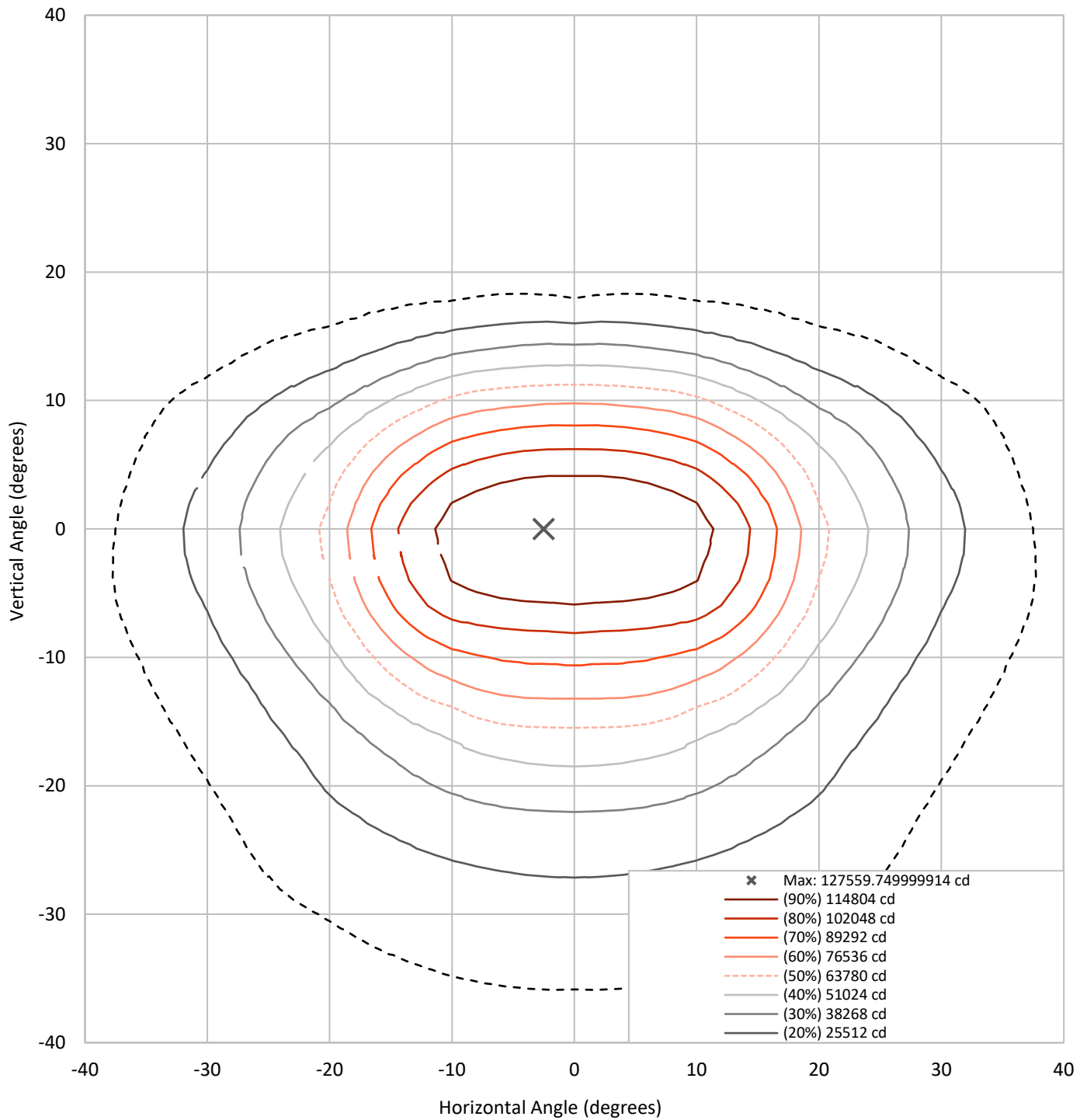
Test Method: LM-79-08  
Report Number: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-70-5S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	50546.3 lumens	Max Intensity:	127559.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	78.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	25051.9 lumens	Field Lumens:	45311 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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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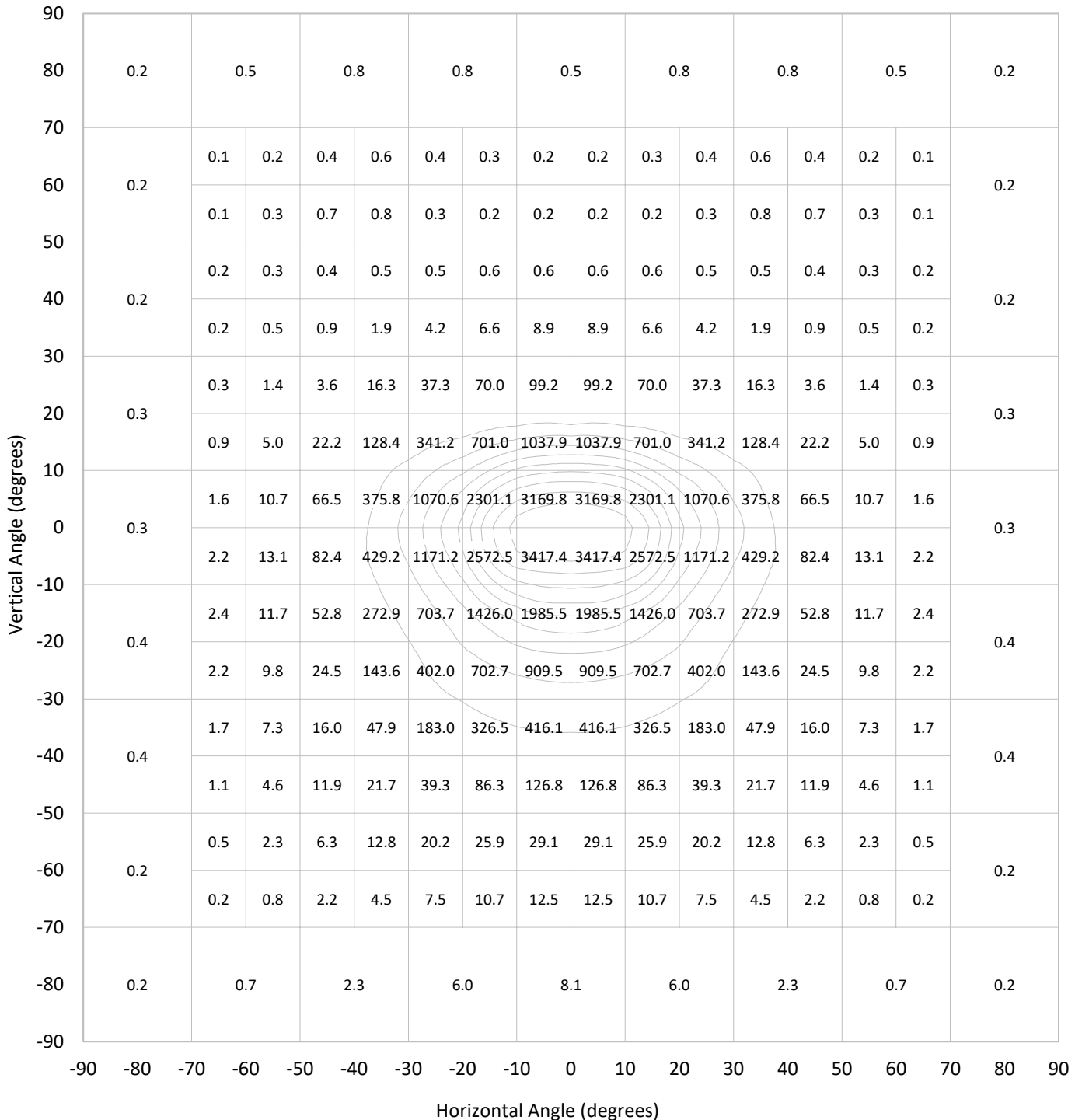
### Iso-Candela Plot





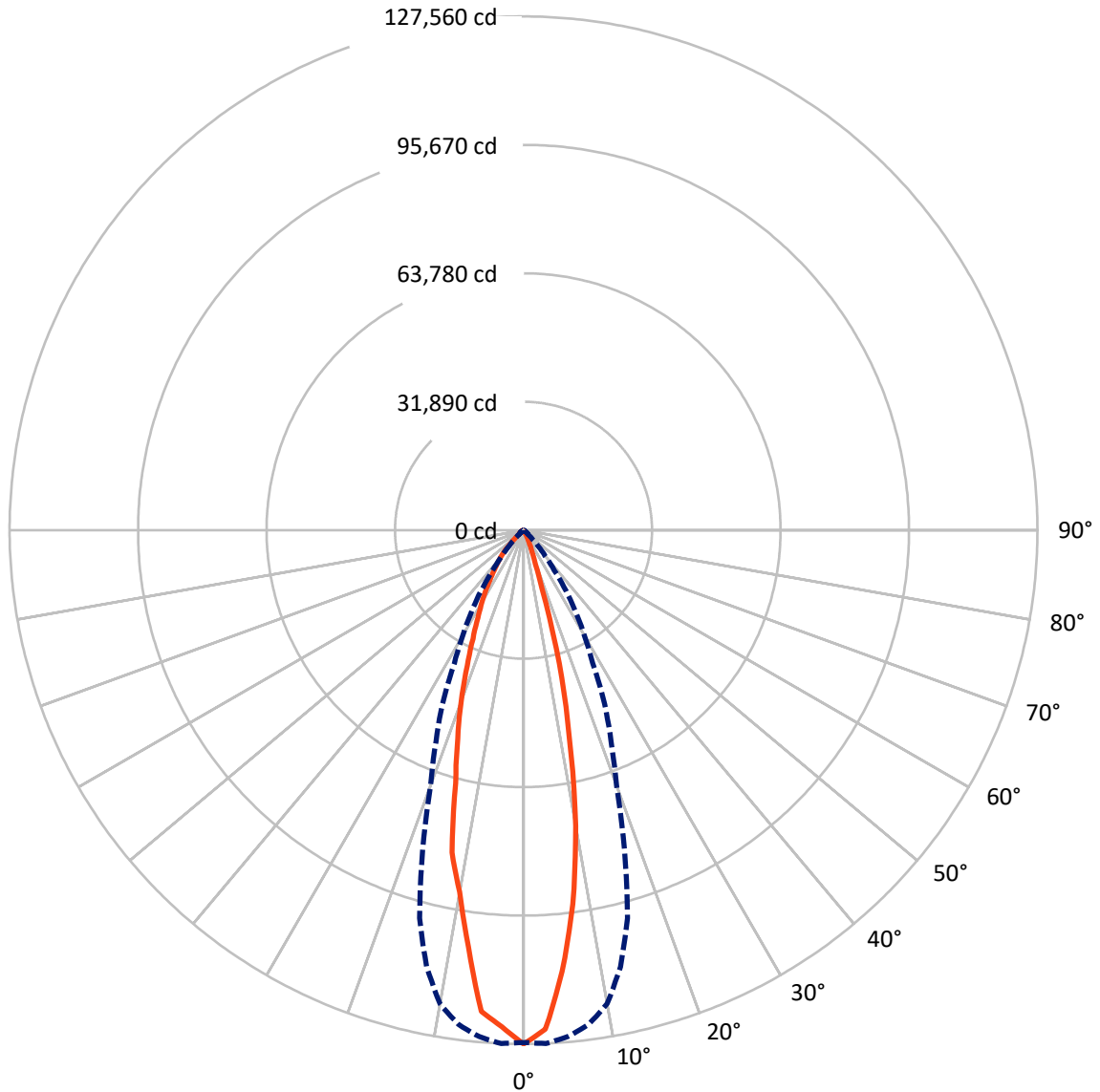
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### Lumen Table



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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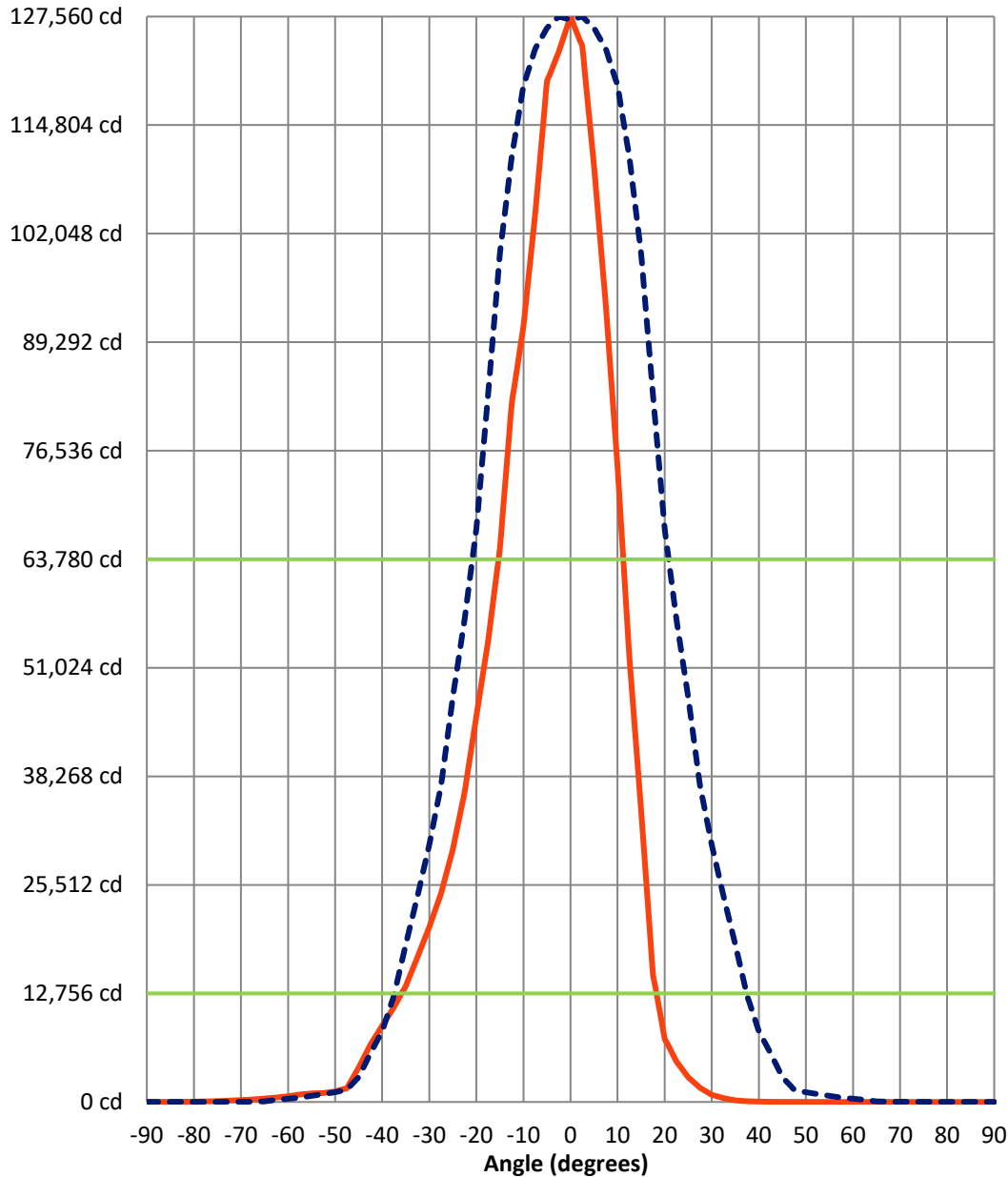
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.7°  
 V Angle: 26.5°  
 Lumens: 25051.9  
 Efficiency: 49.6%

**Field:**  
 H Angle: 74.8°  
 V Angle: 54.1°  
 Lumens: 45311  
 Efficiency: 89.6%

**Spill:**  
 Lumens: 5235.3  
 Efficiency: 10.4%

— Vertical Distribution through -2.5-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	7.9	8.0	8.0	8.1	8.2	8.2	8.0	7.9	7.7
85°	7.7	7.8	8.0	8.2	8.4	8.6	8.7	8.6	8.4	8.1	7.7
82.5°	7.7	7.8	8.2	8.5	8.7	9.0	9.2	9.1	8.8	8.4	8.3
80°	7.7	7.9	8.4	8.7	9.1	9.4	9.7	9.3	9.1	9.0	9.1
77.5°	7.7	7.9	8.5	9.0	9.4	9.7	9.7	9.5	9.4	9.6	9.7
75°	7.7	7.9	8.7	9.2	9.7	9.7	9.7	9.6	9.7	9.7	9.7
72.5°	7.7	8.0	8.8	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7
70°	7.7	8.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
67.5°	7.7	8.1	9.1	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
65°	7.7	8.1	9.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
62.5°	7.7	8.1	9.3	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
60°	7.7	8.1	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
57.5°	7.7	8.2	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
55°	7.7	8.2	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
52.5°	7.7	8.2	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
50°	7.7	8.2	9.4	9.7	9.7	9.7	9.7	9.8	9.7	9.7	10.3
47.5°	7.7	8.2	9.4	9.7	9.7	9.7	9.7	10.0	9.7	9.7	10.9
45°	7.7	8.2	9.4	9.7	9.7	9.7	9.9	10.1	9.9	10.2	11.5
42.5°	7.7	8.2	9.4	9.7	9.7	9.7	10.1	10.3	10.1	10.8	12.2
40°	7.7	8.2	9.4	9.7	9.7	9.7	10.3	10.6	10.5	11.3	12.8
37.5°	7.7	8.2	9.4	9.7	9.7	9.7	10.5	10.9	11.2	12.1	13.3
35°	7.7	8.2	9.4	9.7	9.7	9.8	10.8	11.2	11.9	12.9	13.7
32.5°	7.7	8.2	9.4	9.7	9.7	10.0	11.0	11.6	12.6	13.8	14.9
30°	7.7	8.1	9.4	9.7	9.7	10.2	11.4	12.1	13.2	14.8	16.4
27.5°	7.7	8.1	9.5	9.7	9.7	10.4	11.7	12.6	13.9	15.8	18.1
25°	7.7	8.1	9.5	9.7	9.7	10.7	12.0	13.2	14.7	17.0	20.1
22.5°	7.7	8.1	9.5	9.7	9.7	10.9	12.4	13.7	15.6	18.5	23.5
20°	7.7	8.0	9.5	9.7	9.7	11.0	12.7	14.2	16.4	20.1	27.5
17.5°	7.7	8.0	9.6	9.7	9.7	11.2	13.0	14.7	17.2	21.8	31.8
15°	7.7	8.0	9.6	9.7	9.7	11.3	13.1	15.0	18.0	23.5	36.4
12.5°	7.7	7.9	9.6	9.7	9.7	11.4	13.2	15.2	18.7	25.2	41.1
10°	7.7	7.9	9.6	9.7	9.7	11.5	13.3	15.3	19.3	27.5	46.4
7.5°	7.7	7.8	9.7	9.7	9.7	11.5	13.4	15.4	19.9	29.9	52.6
5°	7.7	7.8	9.7	9.7	9.7	11.6	13.5	15.4	20.4	32.3	58.7
2.5°	7.7	7.7	9.7	9.7	9.7	11.6	13.5	15.5	20.9	34.7	64.4
0°	7.7	7.7	9.7	9.7	9.7	11.6	13.5	15.5	20.9	34.7	64.4
-2.5°	7.7	7.7	9.7	9.7	9.9	11.8	13.8	17.3	26.5	46.2	85.1
-5°	7.7	7.8	9.7	9.7	10.0	12.0	14.0	19.0	31.5	55.2	99.5
-7.5°	7.7	7.8	9.7	9.7	10.2	12.1	14.2	20.6	36.0	63.4	112.5
-10°	7.7	7.9	9.6	9.7	10.3	12.3	14.4	21.9	39.9	70.7	123.9
-12.5°	7.7	7.9	9.6	9.7	10.5	12.4	14.5	22.9	43.2	76.9	132.6
-15°	7.7	8.0	9.6	9.7	10.6	12.5	14.7	23.6	45.9	82.1	139.1
-17.5°	7.7	8.0	9.6	9.7	10.6	12.6	14.8	24.7	48.2	85.9	143.4
-20°	7.7	8.0	9.5	9.7	10.7	12.7	15.2	26.1	49.6	88.1	145.4



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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	8.1	9.5	9.7	10.7	12.7	16.1	27.0	50.0	88.7	145.0
-25°	7.7	8.1	9.5	9.7	10.7	12.8	16.7	27.4	49.4	87.4	142.1
-27.5°	7.7	8.1	9.5	9.7	10.7	12.8	16.9	27.4	47.7	85.2	140.3
-30°	7.7	8.1	9.4	9.7	10.6	12.7	16.8	26.9	46.6	83.1	136.3
-32.5°	7.7	8.2	9.4	9.7	10.5	12.6	16.3	26.7	45.9	79.4	129.7
-35°	7.7	8.2	9.4	9.7	10.4	12.3	16.0	26.1	44.5	74.2	120.5
-37.5°	7.7	8.2	9.4	9.7	10.2	12.0	15.7	25.0	42.3	67.4	108.0
-40°	7.7	8.2	9.4	9.7	10.1	11.8	15.2	23.3	39.3	62.8	96.2
-42.5°	7.7	8.2	9.4	9.7	10.0	11.6	14.6	20.9	36.4	57.2	83.5
-45°	7.7	8.2	9.4	9.8	10.1	11.4	13.8	18.8	32.9	50.7	70.9
-47.5°	7.7	8.2	9.4	9.8	10.2	11.2	12.9	17.7	28.6	43.6	62.8
-50°	7.7	8.2	9.4	9.8	10.2	11.0	12.5	16.4	23.1	37.3	54.1
-52.5°	7.7	8.2	9.4	9.9	10.3	10.7	12.2	14.9	20.0	30.7	44.8
-55°	7.7	8.2	9.4	9.9	10.3	10.7	11.9	13.3	17.9	23.6	36.9
-57.5°	7.7	8.2	9.4	9.9	10.4	10.8	11.5	12.9	15.7	20.1	28.5
-60°	7.7	8.1	9.4	9.8	10.4	10.8	11.2	12.5	13.9	17.6	21.7
-62.5°	7.7	8.1	9.3	9.8	10.3	10.9	11.3	12.1	13.4	15.1	18.9
-65°	7.7	8.1	9.2	9.8	10.2	10.9	11.3	11.8	12.8	14.1	16.0
-67.5°	7.7	8.1	9.1	9.8	10.1	10.8	11.4	11.8	12.3	13.5	14.6
-70°	7.7	8.0	9.0	9.7	10.0	10.6	11.4	11.7	12.1	12.8	13.9
-72.5°	7.7	8.0	8.8	9.5	9.9	10.3	11.1	11.6	11.9	12.4	13.2
-75°	7.7	7.9	8.7	9.2	9.7	10.1	10.7	11.2	11.6	12.0	12.5
-77.5°	7.7	7.9	8.5	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8
-80°	7.7	7.9	8.4	8.7	9.1	9.4	9.8	10.1	10.4	10.7	11.0
-82.5°	7.7	7.8	8.2	8.5	8.7	9.0	9.2	9.5	9.7	10.0	10.2
-85°	7.7	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1	9.2	9.4
-87.5°	7.7	7.7	7.9	8.0	8.0	8.1	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



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV5-A

**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	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°	8.3	8.2	8.0	7.7	7.7	7.7	7.7	7.9	8.0	8.0	7.9
80°	9.0	8.8	8.5	8.3	8.6	8.8	9.1	9.3	9.2	8.8	8.3
77.5°	9.4	9.2	9.2	9.4	9.7	9.7	9.7	9.7	9.3	8.8	8.3
75°	9.6	9.7	9.7	9.7	9.7	9.7	9.7	10.1	10.2	10.0	9.8
72.5°	9.7	9.7	9.7	9.7	9.7	10.0	10.5	11.2	11.6	11.5	11.4
70°	9.7	9.7	9.7	9.7	9.8	10.5	11.4	12.4	13.1	13.3	14.1
67.5°	9.7	9.7	9.7	9.8	10.5	11.6	12.6	14.4	16.7	17.7	19.0
65°	9.7	9.7	9.9	10.6	11.5	12.9	14.9	17.5	22.6	25.5	26.7
62.5°	9.7	9.8	10.3	11.3	12.5	14.2	18.0	23.7	31.0	35.2	34.8
60°	9.7	9.9	10.9	12.2	13.6	16.5	22.0	29.6	39.3	46.4	41.9
57.5°	9.7	10.3	11.7	13.4	15.6	18.2	25.2	34.6	44.3	54.8	46.8
55°	10.0	11.0	12.8	15.2	17.4	19.8	26.5	34.7	45.5	51.4	43.7
52.5°	10.7	11.9	14.4	16.7	18.9	20.4	23.5	31.4	37.3	41.6	37.3
50°	11.4	13.4	15.9	17.8	19.3	19.2	18.4	24.5	29.2	30.7	30.3
47.5°	12.4	14.8	16.5	18.2	18.5	18.1	16.3	19.2	22.4	23.9	22.8
45°	13.4	15.5	17.1	17.8	18.0	17.4	16.8	16.0	19.5	20.1	19.2
42.5°	14.3	16.0	17.3	17.5	18.2	18.6	18.5	17.9	18.4	18.8	18.6
40°	14.8	16.5	17.6	19.1	19.4	21.2	22.4	22.1	18.8	20.9	21.3
37.5°	15.2	17.1	19.1	23.0	22.5	25.3	27.3	30.1	27.5	25.8	28.9
35°	15.6	17.8	24.3	29.0	29.3	30.9	37.7	41.0	38.9	36.9	40.7
32.5°	16.2	18.8	31.1	36.1	38.9	41.6	51.1	53.0	54.7	55.7	58.8
30°	17.9	25.1	39.0	44.1	50.1	60.5	65.6	67.2	74.2	83.7	109.6
27.5°	21.5	33.3	46.4	54.3	63.9	81.6	88.4	89.3	101.0	125.8	187.8
25°	26.0	52.7	54.5	66.0	83.9	105.2	119.0	132.4	136.8	211.4	359.4
22.5°	36.5	77.6	86.5	78.6	105.3	132.7	162.1	199.5	256.2	342.2	561.9
20°	54.9	105.0	126.4	131.9	138.5	163.9	212.0	287.5	464.7	770.6	1062.4
17.5°	76.1	136.5	171.0	199.0	230.6	240.8	272.0	392.4	727.6	1381.4	2146.2
15°	99.5	171.3	219.2	274.2	332.4	377.2	442.6	630.7	1171.3	2225.0	3538.3
12.5°	124.2	208.6	270.1	355.6	441.8	521.9	644.5	1046.7	1956.1	3417.6	5409.9
10°	149.5	247.4	322.8	441.2	556.4	672.4	853.9	1522.9	2884.1	4688.6	7114.9
7.5°	177.2	285.5	375.3	528.9	674.0	826.0	1066.6	2035.2	3845.2	5862.6	8591.9
5°	204.4	321.0	421.8	599.3	770.2	959.3	1259.6	2554.6	4798.8	6933.6	9931.0
2.5°	229.5	354.4	466.6	663.1	849.3	1056.7	1365.8	2768.7	5347.9	7724.0	11251.0
0°	251.5	385.1	508.9	721.7	923.0	1147.4	1459.0	2923.7	5725.6	8330.0	12538.6
-2.5°	261.1	396.8	529.9	739.5	920.0	1133.0	1459.5	2975.1	6049.3	9049.8	13188.8
-5°	266.9	405.1	546.6	751.1	912.6	1111.5	1445.3	2952.4	6102.4	9216.2	12932.0
-7.5°	269.4	409.8	558.5	753.6	894.0	1069.1	1380.6	2736.8	5523.9	8453.0	11727.5
-10°	268.7	408.5	553.7	730.1	860.0	1012.5	1294.3	2452.6	4854.3	7591.5	10447.2
-12.5°	263.8	402.0	542.8	704.3	826.8	953.1	1195.0	2102.9	4120.2	6657.9	9221.8
-15°	256.9	392.8	528.4	677.4	796.1	892.0	1083.2	1689.8	3355.3	5820.3	8237.8
-17.5°	248.4	381.1	510.5	650.4	769.2	830.3	963.7	1276.4	2671.1	4923.1	7247.0
-20°	238.5	367.3	489.4	624.4	744.4	789.7	900.3	1150.9	2112.1	3923.2	6171.5



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	227.8	351.5	467.4	597.1	708.4	768.6	844.5	1018.0	1506.1	2828.6	5010.0
-25°	221.2	334.7	445.9	561.3	672.6	748.4	787.5	890.4	1138.6	2134.4	3784.7
-27.5°	216.9	318.1	416.9	522.7	637.3	723.5	755.7	826.5	1000.8	1414.4	2632.8
-30°	209.2	292.5	385.4	483.2	594.0	683.9	735.5	777.1	882.3	1108.8	1805.8
-32.5°	193.7	265.3	353.8	446.3	546.3	646.0	720.3	760.4	828.5	945.6	1179.7
-35°	175.2	242.9	321.4	407.0	496.9	599.4	686.7	752.9	785.1	865.9	1015.9
-37.5°	158.2	218.8	287.6	367.6	452.0	546.5	648.4	723.1	776.4	813.5	920.5
-40°	139.5	193.2	257.8	329.3	406.7	493.2	587.8	680.2	751.3	812.9	860.5
-42.5°	120.0	170.8	228.3	289.8	362.7	441.0	524.5	616.7	708.2	791.5	855.8
-45°	105.0	146.7	198.1	255.4	317.6	388.0	464.9	545.3	640.8	736.6	820.0
-47.5°	89.1	123.1	169.6	218.9	274.6	336.5	403.9	479.5	560.2	652.7	750.5
-50°	74.0	104.6	138.8	184.2	232.5	286.2	345.7	412.0	484.4	561.3	646.3
-52.5°	63.3	85.2	115.1	149.4	192.2	238.1	290.0	347.1	409.7	475.2	544.2
-55°	51.8	70.5	92.1	120.4	153.2	193.1	236.6	286.4	336.6	394.9	447.6
-57.5°	41.4	56.6	73.7	94.2	120.8	149.9	188.2	227.8	272.8	318.4	357.3
-60°	31.5	44.0	58.3	73.9	91.2	116.2	141.9	174.9	211.4	246.2	279.7
-62.5°	22.6	32.7	44.4	57.1	71.2	85.6	106.7	129.9	153.1	182.4	209.4
-65°	19.4	23.2	31.7	42.4	53.1	66.7	80.0	92.6	112.1	131.1	148.9
-67.5°	16.1	19.2	22.8	28.2	38.0	49.0	60.1	71.9	83.1	92.9	103.9
-70°	14.8	15.4	17.9	21.3	25.6	32.5	42.4	52.2	61.9	71.2	79.9
-72.5°	13.9	14.4	14.9	15.4	18.8	23.6	28.7	34.1	40.9	48.4	56.2
-75°	13.0	13.5	13.9	14.3	15.4	17.2	19.7	24.0	28.3	32.1	35.6
-77.5°	12.2	12.5	12.9	13.2	13.9	15.1	16.5	18.3	20.3	22.6	24.9
-80°	11.3	11.6	11.9	12.1	12.6	13.2	13.9	14.7	16.0	17.6	19.4
-82.5°	10.4	10.6	10.9	11.1	11.3	11.5	11.7	12.1	12.6	13.3	14.1
-85°	9.5	9.7	9.8	10.0	10.1	10.2	10.4	10.5	10.6	10.7	10.8
-87.5°	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	11.1	12.6	14.0	15.5	15.0	14.5
87.5°	7.7	7.2	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4	2.9
85°	7.7	7.6	7.4	7.4	7.3	6.9	6.5	6.1	5.7	4.8	3.8
82.5°	7.7	7.7	7.7	7.7	7.7	7.3	6.8	6.3	5.8	4.9	3.9
80°	7.8	7.7	7.7	7.7	7.7	7.3	6.8	6.3	5.8	4.9	3.9
77.5°	8.0	8.0	8.1	8.0	7.8	7.3	6.8	6.4	5.9	4.9	3.9
75°	9.7	9.5	9.1	8.6	7.9	7.4	6.9	6.4	5.9	5.3	4.8
72.5°	11.3	10.9	10.3	10.0	9.4	9.0	8.7	8.1	7.5	7.0	6.6
70°	14.9	15.2	14.9	14.1	13.0	11.8	11.1	10.3	9.5	8.7	7.9
67.5°	20.1	20.2	19.1	17.5	15.3	13.2	12.2	11.2	10.1	9.6	9.5
65°	26.4	24.1	21.7	19.0	16.1	13.3	12.3	11.3	10.3	9.7	9.7
62.5°	32.1	26.0	20.9	17.7	15.3	13.3	11.9	10.6	9.2	8.3	8.1
60°	34.5	24.6	17.6	15.4	13.4	11.8	10.4	9.3	8.3	7.6	7.2
57.5°	34.6	23.4	14.9	13.0	11.4	10.1	9.4	8.8	8.2	7.6	7.1
55°	31.5	20.8	12.3	11.1	10.6	10.0	9.5	8.9	8.3	7.7	7.2
52.5°	25.7	18.3	13.1	11.3	10.7	10.2	9.6	9.0	8.4	7.8	7.2
50°	22.3	16.7	13.3	11.4	10.9	10.3	9.8	9.6	9.5	9.1	8.7
47.5°	19.3	15.3	13.2	11.7	11.5	12.2	12.9	13.0	12.7	12.3	11.8
45°	16.9	14.8	13.7	14.4	15.0	16.1	16.8	16.9	16.8	16.9	16.8
42.5°	16.8	16.9	18.1	20.0	19.8	22.4	23.6	20.8	23.8	25.4	24.0
40°	22.3	22.8	28.2	32.5	36.5	37.1	43.4	44.3	45.1	47.8	48.3
37.5°	32.6	38.3	54.8	67.2	72.4	72.9	82.0	83.9	81.3	92.4	95.6
35°	49.9	75.7	102.4	118.0	126.6	133.2	145.6	159.9	153.2	177.7	186.3
32.5°	89.6	136.8	185.4	183.6	200.1	244.2	260.7	286.6	313.8	355.2	400.7
30°	150.7	278.3	334.6	314.1	360.6	423.5	424.0	496.3	597.2	682.9	811.9
27.5°	339.5	482.3	556.0	589.0	624.2	703.8	802.4	894.4	1151.1	1326.5	1510.9
25°	576.3	773.6	852.5	974.9	1086.0	1159.8	1457.9	1675.5	2044.3	2312.1	2589.2
22.5°	929.3	1190.1	1353.5	1464.2	1838.7	2171.6	2490.1	2963.9	3330.1	3789.5	4135.5
20°	1371.3	1723.5	2323.4	2794.1	3029.3	3736.5	4312.5	4802.2	5451.9	6021.4	6528.0
17.5°	2587.5	2785.4	4038.8	5265.3	5761.1	6675.4	8331.6	8956.4	10827.0	12196.7	12936.3
15°	4685.2	5642.3	6962.3	9007.1	11275.5	13067.5	14637.3	17852.3	21421.2	24585.1	27916.1
12.5°	7408.7	9280.4	11502.0	14003.4	18090.3	21333.5	24807.3	29401.8	35167.3	40185.2	46088.4
10°	10137.1	13299.7	16370.7	20268.3	25430.8	30438.2	35441.5	42718.5	51187.6	59318.8	66349.3
7.5°	12393.0	16680.4	20842.2	26230.8	33262.6	40239.0	47231.9	56856.7	68057.5	77337.7	85315.6
5°	14689.0	20058.3	24940.4	31154.9	39430.9	47927.8	56679.0	68680.2	81910.2	92418.6	100649.9
2.5°	16797.4	22881.6	28532.3	35461.8	44677.9	52991.4	62952.9	77686.0	93450.5	104786.8	113861.2
0°	18500.2	24202.6	30239.7	37213.3	47561.5	56725.5	67400.7	83199.7	99695.3	111021.6	119395.2
-2.5°	18133.7	23901.4	29545.9	36631.1	47020.1	55456.8	66264.1	81808.7	98106.3	109613.7	117134.5
-5°	16989.4	22094.3	27162.3	33816.5	42952.2	51173.2	61756.9	77735.4	93368.3	105103.0	113756.8
-7.5°	15297.4	19631.8	24228.5	30291.8	38244.1	46108.2	55313.7	68047.8	82638.7	93253.2	99525.6
-10°	13516.0	17104.7	21409.6	26533.6	33096.8	40160.2	47805.1	58006.0	70473.7	79782.2	85732.7
-12.5°	11954.5	15063.9	18904.2	22694.0	28048.7	34339.6	41128.1	49475.7	57702.5	67518.5	72663.0
-15°	10516.2	13107.9	16407.9	20041.6	24491.3	29435.6	34299.8	40550.0	45907.4	52038.8	56493.6
-17.5°	9312.8	11382.6	14306.6	17828.0	21178.6	25436.1	30077.9	34311.8	38841.2	43267.3	46961.4
-20°	8225.3	9933.0	12426.2	15526.6	18827.7	22448.2	26544.2	29990.5	33691.6	37055.0	39944.4



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6989.3	8721.0	10651.8	13304.6	16610.6	19856.4	22889.6	25494.0	28290.8	31008.6	33060.3
-25°	5703.0	7365.0	9213.6	11717.1	14425.3	17156.4	19304.5	21138.3	23321.3	25279.7	27040.4
-27.5°	4372.9	6144.9	8138.7	10229.8	12585.4	14321.0	16128.7	17787.1	19446.2	20763.9	22250.8
-30°	3040.1	4973.6	6934.6	8913.7	10527.2	11912.7	13260.9	14781.7	16282.9	17535.3	18584.8
-32.5°	2087.7	3482.4	5461.2	7301.7	8680.9	9858.3	10899.7	12196.5	13359.8	14390.5	15308.8
-35°	1253.9	2236.5	3595.2	5344.3	6853.4	7999.0	9059.6	10043.0	10911.3	11779.4	12470.1
-37.5°	1074.2	1291.8	2116.0	3279.1	4715.2	6101.5	7191.3	8111.8	8920.8	9589.3	10175.4
-40°	967.3	1096.0	1276.2	1673.0	2730.6	3789.3	4978.6	6027.8	6881.2	7509.1	8019.1
-42.5°	904.2	986.7	1074.9	1216.2	1373.4	1876.0	2786.0	3655.2	4405.2	5100.8	5697.9
-45°	893.4	928.4	975.8	1055.5	1128.1	1258.3	1400.5	1539.5	2129.4	2688.6	3147.3
-47.5°	826.5	897.8	941.2	977.0	1015.0	1076.6	1136.7	1201.1	1308.3	1409.0	1495.5
-50°	728.8	805.5	871.3	935.6	969.3	994.3	1019.1	1051.1	1093.0	1131.2	1166.3
-52.5°	609.0	682.8	756.6	825.1	878.7	927.9	972.2	992.9	1008.7	1023.0	1034.3
-55°	502.7	560.9	619.0	681.6	743.5	802.4	853.3	886.8	917.1	943.9	966.7
-57.5°	402.4	447.8	495.1	546.0	595.4	642.9	688.2	729.5	766.2	798.1	824.9
-60°	311.7	342.3	381.8	422.2	460.7	497.1	533.9	567.2	597.4	623.9	644.7
-62.5°	233.9	259.3	289.4	317.8	343.0	370.2	404.5	433.2	456.7	475.8	492.5
-65°	168.0	189.2	213.4	237.3	260.7	284.0	307.9	331.0	353.0	370.6	383.1
-67.5°	119.3	134.3	151.3	166.1	183.6	204.0	225.7	245.6	263.6	276.1	283.6
-70°	88.0	96.8	109.0	123.2	137.9	151.5	165.3	179.0	192.6	202.2	209.4
-72.5°	64.1	72.9	81.9	91.1	100.9	111.0	121.0	131.2	141.4	147.7	152.1
-75°	38.8	44.0	51.9	59.5	66.9	73.9	80.5	86.6	92.3	95.3	97.3
-77.5°	27.9	31.5	35.4	39.4	43.4	47.5	51.7	55.8	59.8	61.7	63.0
-80°	21.2	23.3	25.5	27.8	30.2	32.7	35.2	37.8	40.3	40.7	40.7
-82.5°	15.1	16.6	18.1	19.5	21.0	22.3	23.7	25.0	26.3	26.5	26.7
-85°	10.9	11.8	12.7	13.7	14.7	15.8	16.8	17.8	18.9	19.0	19.1
-87.5°	9.3	9.9	10.4	10.9	11.4	12.0	12.5	13.1	13.6	13.5	13.5
-90°	7.7	7.2	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4	2.9



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.0	13.5	13.5	13.5	13.5	13.5	14.0	14.5	15.0	15.5	14.0
87.5°	2.4	1.9	1.0	0.0	1.0	1.9	2.4	2.9	3.4	3.9	4.4
85°	2.9	1.9	1.9	1.9	1.9	1.9	2.9	3.8	4.8	5.7	6.1
82.5°	2.9	1.9	1.9	1.9	1.9	1.9	2.9	3.9	4.9	5.8	6.3
80°	2.9	1.9	1.9	1.9	1.9	1.9	2.9	3.9	4.9	5.8	6.3
77.5°	2.9	1.9	1.9	1.9	1.9	1.9	2.9	3.9	4.9	5.9	6.4
75°	4.3	3.9	2.9	1.9	2.9	3.9	4.3	4.8	5.3	5.9	6.4
72.5°	6.2	5.8	5.8	5.8	5.8	5.8	6.2	6.6	7.0	7.5	8.1
70°	6.9	5.9	5.8	5.8	5.8	5.9	6.9	7.9	8.7	9.5	10.3
67.5°	9.5	9.6	8.8	7.7	8.8	9.6	9.5	9.5	9.6	10.1	11.2
65°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	10.3	11.3
62.5°	7.9	7.8	7.7	7.7	7.7	7.8	7.9	8.1	8.3	9.2	10.6
60°	6.6	6.0	5.8	5.8	5.8	6.0	6.6	7.2	7.6	8.3	9.3
57.5°	6.5	6.0	5.8	5.8	5.8	6.0	6.5	7.1	7.6	8.2	8.8
55°	6.6	6.0	5.8	5.8	5.8	6.0	6.6	7.2	7.7	8.3	8.9
52.5°	6.6	6.0	6.5	7.7	6.5	6.0	6.6	7.2	7.8	8.4	9.0
50°	8.3	7.9	7.7	7.7	7.7	7.9	8.3	8.7	9.1	9.5	9.6
47.5°	11.1	10.2	9.7	9.7	9.7	10.2	11.1	11.8	12.3	12.7	13.0
45°	15.8	14.3	13.4	13.5	13.4	14.3	15.8	16.8	16.9	16.8	16.9
42.5°	23.7	23.2	23.0	23.2	23.0	23.2	23.7	24.0	25.4	23.8	20.8
40°	51.0	51.7	51.4	52.2	51.4	51.7	51.0	48.3	47.8	45.1	44.3
37.5°	96.0	92.8	88.0	89.0	88.0	92.8	96.0	95.6	92.4	81.3	83.9
35°	187.3	192.2	191.9	193.5	191.9	192.2	187.3	186.3	177.7	153.2	159.9
32.5°	433.5	456.5	457.0	466.3	457.0	456.5	433.5	400.7	355.2	313.8	286.6
30°	851.8	870.1	842.4	855.3	842.4	870.1	851.8	811.9	682.9	597.2	496.3
27.5°	1606.8	1674.5	1673.7	1644.7	1673.7	1674.5	1606.8	1510.9	1326.5	1151.1	894.4
25°	2822.3	2926.9	2907.6	2873.4	2907.6	2926.9	2822.3	2589.2	2312.1	2044.3	1675.5
22.5°	4449.8	4622.6	4760.9	4671.0	4760.9	4622.6	4449.8	4135.5	3789.5	3330.1	2963.9
20°	7273.2	7322.5	7469.5	7416.7	7469.5	7322.5	7273.2	6528.0	6021.4	5451.9	4802.2
17.5°	14940.3	15476.3	15103.5	13968.5	15103.5	15476.3	14940.3	12936.3	12196.7	10827.0	8956.4
15°	30255.8	32502.3	34246.8	33289.2	34246.8	32502.3	30255.8	27916.1	24585.1	21421.2	17852.3
12.5°	49547.9	51205.5	52314.5	52396.0	52314.5	51205.5	49547.9	46088.4	40185.2	35167.3	29401.8
10°	71116.8	72581.5	74543.5	74819.3	74543.5	72581.5	71116.8	66349.3	59318.8	51187.6	42718.5
7.5°	89275.1	92245.2	93620.4	93435.7	93620.4	92245.2	89275.1	85315.6	77337.7	68057.5	56856.7
5°	105514.4	108591.6	109939.5	110163.4	109939.5	108591.6	105514.4	100649.9	92418.6	81910.2	68680.2
2.5°	119296.6	122403.3	124022.7	123578.6	124022.7	122403.3	119296.6	113861.2	104786.8	93450.5	77686.0
0°	123755.6	126202.4	127559.7	127187.3	127559.7	126202.4	123755.6	119395.2	111021.6	99695.3	83199.7
-2.5°	120921.0	122395.4	123418.3	123023.2	123418.3	122395.4	120921.0	117134.5	109613.7	98106.3	81808.7
-5°	117779.7	119529.2	119911.9	120380.1	119911.9	119529.2	117779.7	113756.8	105103.0	93368.3	77735.4
-7.5°	101911.6	103783.0	104401.1	105337.6	104401.1	103783.0	101911.6	99525.6	93253.2	82638.7	68047.8
-10°	88970.8	91069.8	91170.9	91748.4	91170.9	91069.8	88970.8	85732.7	79782.2	70473.7	58006.0
-12.5°	78131.1	81019.5	81977.8	81748.5	81977.8	81019.5	78131.1	72663.0	67518.5	57702.5	49475.7
-15°	62424.3	64891.7	65067.8	65183.2	65067.8	64891.7	62424.3	56493.6	52038.8	45907.4	40550.0
-17.5°	50881.4	53279.1	54203.4	54490.6	54203.4	53279.1	50881.4	46961.4	43267.3	38841.2	34311.8
-20°	42424.7	44209.8	45338.8	45806.5	45338.8	44209.8	42424.7	39944.4	37055.0	33691.6	29990.5



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	34853.6	35985.1	36397.8	36501.2	36397.8	35985.1	34853.6	33060.3	31008.6	28290.8	25494.0
-25°	28277.2	29176.0	29698.4	29916.5	29698.4	29176.0	28277.2	27040.4	25279.7	23321.3	21138.3
-27.5°	23215.3	24015.1	24518.0	24595.4	24518.0	24015.1	23215.3	22250.8	20763.9	19446.2	17787.1
-30°	19388.3	20090.8	20560.8	20688.7	20560.8	20090.8	19388.3	18584.8	17535.3	16282.9	14781.7
-32.5°	16065.2	16666.4	17035.2	17194.1	17035.2	16666.4	16065.2	15308.8	14390.5	13359.8	12196.5
-35°	12985.8	13389.9	13626.1	13548.6	13626.1	13389.9	12985.8	12470.1	11779.4	10911.3	10043.0
-37.5°	10645.4	10970.6	11147.6	11157.0	11147.6	10970.6	10645.4	10175.4	9589.3	8920.8	8111.8
-40°	8441.5	8771.8	8970.9	8982.1	8970.9	8771.8	8441.5	8019.1	7509.1	6881.2	6027.8
-42.5°	6172.8	6511.0	6742.0	6892.4	6742.0	6511.0	6172.8	5697.9	5100.8	4405.2	3655.2
-45°	3530.0	3822.2	4044.9	4206.6	4044.9	3822.2	3530.0	3147.3	2688.6	2129.4	1539.5
-47.5°	1560.1	1607.4	1628.1	1621.5	1628.1	1607.4	1560.1	1495.5	1409.0	1308.3	1201.1
-50°	1198.6	1226.6	1240.6	1240.3	1240.6	1226.6	1198.6	1166.3	1131.2	1093.0	1051.1
-52.5°	1043.2	1050.3	1054.5	1056.5	1054.5	1050.3	1043.2	1034.3	1023.0	1008.7	992.9
-55°	985.6	1000.4	1005.9	1004.2	1005.9	1000.4	985.6	966.7	943.9	917.1	886.8
-57.5°	847.7	865.9	878.1	884.3	878.1	865.9	847.7	824.9	798.1	766.2	729.5
-60°	660.4	671.3	678.1	681.1	678.1	671.3	660.4	644.7	623.9	597.4	567.2
-62.5°	507.2	519.6	525.8	528.2	525.8	519.6	507.2	492.5	475.8	456.7	433.2
-65°	394.0	403.1	408.0	410.2	408.0	403.1	394.0	383.1	370.6	353.0	331.0
-67.5°	289.3	293.3	295.4	296.0	295.4	293.3	289.3	283.6	276.1	263.6	245.6
-70°	216.1	222.0	225.8	228.3	225.8	222.0	216.1	209.4	202.2	192.6	179.0
-72.5°	155.8	158.9	161.1	162.5	161.1	158.9	155.8	152.1	147.7	141.4	131.2
-75°	98.7	99.8	100.4	100.6	100.4	99.8	98.7	97.3	95.3	92.3	86.6
-77.5°	64.2	65.3	66.6	67.7	66.6	65.3	64.2	63.0	61.7	59.8	55.8
-80°	40.6	40.4	40.5	40.6	40.5	40.4	40.6	40.7	40.7	40.3	37.8
-82.5°	26.9	27.0	27.1	27.1	27.1	27.0	26.9	26.7	26.5	26.3	25.0
-85°	19.2	19.3	19.3	19.3	19.3	19.3	19.2	19.1	19.0	18.9	17.8
-87.5°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.6	13.1
-90°	2.4	1.9	0.9	0.0	0.9	1.9	2.4	2.9	3.4	3.9	4.4



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.6	11.1	9.7	9.2	8.7	8.2	7.7	7.7	7.7	7.7	7.7
87.5°	4.9	5.3	5.8	6.3	6.8	7.2	7.7	7.7	7.7	7.7	7.7
85°	6.5	6.9	7.3	7.4	7.4	7.6	7.7	7.7	7.7	7.7	7.7
82.5°	6.8	7.3	7.7	7.7	7.7	7.7	7.7	7.9	8.0	8.0	7.9
80°	6.8	7.3	7.7	7.7	7.7	7.7	7.8	8.3	8.8	9.2	9.3
77.5°	6.8	7.3	7.8	8.0	8.1	8.0	8.0	8.3	8.8	9.3	9.7
75°	6.9	7.4	7.9	8.6	9.1	9.5	9.7	9.8	10.0	10.2	10.1
72.5°	8.7	9.0	9.4	10.0	10.3	10.9	11.3	11.4	11.5	11.6	11.2
70°	11.1	11.8	13.0	14.1	14.9	15.2	14.9	14.1	13.3	13.1	12.4
67.5°	12.2	13.2	15.3	17.5	19.1	20.2	20.1	19.0	17.7	16.7	14.4
65°	12.3	13.3	16.1	19.0	21.7	24.1	26.4	26.7	25.5	22.6	17.5
62.5°	11.9	13.3	15.3	17.7	20.9	26.0	32.1	34.8	35.2	31.0	23.7
60°	10.4	11.8	13.4	15.4	17.6	24.6	34.5	41.9	46.4	39.3	29.6
57.5°	9.4	10.1	11.4	13.0	14.9	23.4	34.6	46.8	54.8	44.3	34.6
55°	9.5	10.0	10.6	11.1	12.3	20.8	31.5	43.7	51.4	45.5	34.7
52.5°	9.6	10.2	10.7	11.3	13.1	18.3	25.7	37.3	41.6	37.3	31.4
50°	9.8	10.3	10.9	11.4	13.3	16.7	22.3	30.3	30.7	29.2	24.5
47.5°	12.9	12.2	11.5	11.7	13.2	15.3	19.3	22.8	23.9	22.4	19.2
45°	16.8	16.1	15.0	14.4	13.7	14.8	16.9	19.2	20.1	19.5	16.0
42.5°	23.6	22.4	19.8	20.0	18.1	16.9	16.8	18.6	18.8	18.4	17.9
40°	43.4	37.1	36.5	32.5	28.2	22.8	22.3	21.3	20.9	18.8	22.1
37.5°	82.0	72.9	72.4	67.2	54.8	38.3	32.6	28.9	25.8	27.5	30.1
35°	145.6	133.2	126.6	118.0	102.4	75.7	49.9	40.7	36.9	38.9	41.0
32.5°	260.7	244.2	200.1	183.6	185.4	136.8	89.6	58.8	55.7	54.7	53.0
30°	424.0	423.5	360.6	314.1	334.6	278.3	150.7	109.6	83.7	74.2	67.2
27.5°	802.4	703.8	624.2	589.0	556.0	482.3	339.5	187.8	125.8	101.0	89.3
25°	1457.9	1159.8	1086.0	974.9	852.5	773.6	576.3	359.4	211.4	136.8	132.4
22.5°	2490.1	2171.6	1838.7	1464.2	1353.5	1190.1	929.3	561.9	342.2	256.2	199.5
20°	4312.5	3736.5	3029.3	2794.1	2323.4	1723.5	1371.3	1062.4	770.6	464.7	287.5
17.5°	8331.6	6675.4	5761.1	5265.3	4038.8	2785.4	2587.5	2146.2	1381.4	727.6	392.4
15°	14637.3	13067.5	11275.5	9007.1	6962.3	5642.3	4685.2	3538.3	2225.0	1171.3	630.7
12.5°	24807.3	21333.5	18090.3	14003.4	11502.0	9280.4	7408.7	5409.9	3417.6	1956.1	1046.7
10°	35441.5	30438.2	25430.8	20268.3	16370.7	13299.7	10137.1	7114.9	4688.6	2884.1	1522.9
7.5°	47231.9	40239.0	33262.6	26230.8	20842.2	16680.4	12393.0	8591.9	5862.6	3845.2	2035.2
5°	56679.0	47927.8	39430.9	31154.9	24940.4	20058.3	14689.0	9931.0	6933.6	4798.8	2554.6
2.5°	62952.9	52991.4	44677.9	35461.8	28532.3	22881.6	16797.4	11251.0	7724.0	5347.9	2768.7
0°	67400.7	56725.5	47561.5	37213.3	30239.7	24202.6	18500.2	12538.6	8330.0	5725.6	2923.7
-2.5°	66264.1	55456.8	47020.1	36631.1	29545.9	23901.4	18133.7	13188.8	9049.8	6049.3	2975.1
-5°	61756.9	51173.2	42952.2	33816.5	27162.3	22094.3	16989.4	12932.0	9216.2	6102.4	2952.4
-7.5°	55313.7	46108.2	38244.1	30291.8	24228.5	19631.8	15297.4	11727.5	8453.0	5523.9	2736.8
-10°	47805.1	40160.2	33096.8	26533.6	21409.6	17104.7	13516.0	10447.2	7591.5	4854.3	2452.6
-12.5°	41128.1	34339.6	28048.7	22694.0	18904.2	15063.9	11954.5	9221.8	6657.9	4120.2	2102.9
-15°	34299.8	29435.6	24491.3	20041.6	16407.9	13107.9	10516.2	8237.8	5820.3	3355.3	1689.8
-17.5°	30077.9	25436.1	21178.6	17828.0	14306.6	11382.6	9312.8	7247.0	4923.1	2671.1	1276.4
-20°	26544.2	22448.2	18827.7	15526.6	12426.2	9933.0	8225.3	6171.5	3923.2	2112.1	1150.9



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22889.6	19856.4	16610.6	13304.6	10651.8	8721.0	6989.3	5010.0	2828.6	1506.1	1018.0
-25°	19304.5	17156.4	14425.3	11717.1	9213.6	7365.0	5703.0	3784.7	2134.4	1138.6	890.4
-27.5°	16128.7	14321.0	12585.4	10229.8	8138.7	6144.9	4372.9	2632.8	1414.4	1000.8	826.5
-30°	13260.9	11912.7	10527.2	8913.7	6934.6	4973.6	3040.1	1805.8	1108.8	882.3	777.1
-32.5°	10899.7	9858.3	8680.9	7301.7	5461.2	3482.4	2087.7	1179.7	945.6	828.5	760.4
-35°	9059.6	7999.0	6853.4	5344.3	3595.2	2236.5	1253.9	1015.9	865.9	785.1	752.9
-37.5°	7191.3	6101.5	4715.2	3279.1	2116.0	1291.8	1074.2	920.5	813.5	776.4	723.1
-40°	4978.6	3789.3	2730.6	1673.0	1276.2	1096.0	967.3	860.5	812.9	751.3	680.2
-42.5°	2786.0	1876.0	1373.4	1216.2	1074.9	986.7	904.2	855.8	791.5	708.2	616.7
-45°	1400.5	1258.3	1128.1	1055.5	975.8	928.4	893.4	820.0	736.6	640.8	545.3
-47.5°	1136.7	1076.6	1015.0	977.0	941.2	897.8	826.5	750.5	652.7	560.2	479.5
-50°	1019.1	994.3	969.3	935.6	871.3	805.5	728.8	646.3	561.3	484.4	412.0
-52.5°	972.2	927.9	878.7	825.1	756.6	682.8	609.0	544.2	475.2	409.7	347.1
-55°	853.3	802.4	743.5	681.6	619.0	560.9	502.7	447.6	394.9	336.6	286.4
-57.5°	688.2	642.9	595.4	546.0	495.1	447.8	402.4	357.3	318.4	272.8	227.8
-60°	533.9	497.1	460.7	422.2	381.8	342.3	311.7	279.7	246.2	211.4	174.9
-62.5°	404.5	370.2	343.0	317.8	289.4	259.3	233.9	209.4	182.4	153.1	129.9
-65°	307.9	284.0	260.7	237.3	213.4	189.2	168.0	148.9	131.1	112.1	92.6
-67.5°	225.7	204.0	183.6	166.1	151.3	134.3	119.3	103.9	92.9	83.1	71.9
-70°	165.3	151.5	137.9	123.2	109.0	96.8	88.0	79.9	71.2	61.9	52.2
-72.5°	121.0	111.0	100.9	91.1	81.9	72.9	64.1	56.2	48.4	40.9	34.1
-75°	80.5	73.9	66.9	59.5	51.9	44.0	38.8	35.6	32.1	28.3	24.0
-77.5°	51.7	47.5	43.4	39.4	35.4	31.5	27.9	24.9	22.6	20.3	18.3
-80°	35.2	32.7	30.2	27.8	25.5	23.3	21.2	19.4	17.6	16.0	14.7
-82.5°	23.7	22.3	21.0	19.5	18.1	16.6	15.1	14.1	13.3	12.6	12.1
-85°	16.8	15.8	14.7	13.7	12.7	11.8	10.9	10.8	10.7	10.6	10.5
-87.5°	12.5	12.0	11.4	10.9	10.4	9.9	9.3	9.3	9.2	9.2	9.1
-90°	4.9	5.3	5.8	6.3	6.8	7.2	7.7	7.7	7.7	7.7	7.7



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 CATALOG NUMBER: EPH-08-640L-57-70-5S-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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.9	8.0	8.2
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.1	8.4	8.6
82.5°	7.7	7.7	7.7	7.7	8.0	8.2	8.3	8.3	8.4	8.8	9.1
80°	9.1	8.8	8.6	8.3	8.5	8.8	9.0	9.1	9.0	9.1	9.3
77.5°	9.7	9.7	9.7	9.4	9.2	9.2	9.4	9.7	9.6	9.4	9.5
75°	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.7	9.7	9.7	9.6
72.5°	10.5	10.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
70°	11.4	10.5	9.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
67.5°	12.6	11.6	10.5	9.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7
65°	14.9	12.9	11.5	10.6	9.9	9.7	9.7	9.7	9.7	9.7	9.7
62.5°	18.0	14.2	12.5	11.3	10.3	9.8	9.7	9.7	9.7	9.7	9.7
60°	22.0	16.5	13.6	12.2	10.9	9.9	9.7	9.7	9.7	9.7	9.7
57.5°	25.2	18.2	15.6	13.4	11.7	10.3	9.7	9.7	9.7	9.7	9.7
55°	26.5	19.8	17.4	15.2	12.8	11.0	10.0	9.7	9.7	9.7	9.7
52.5°	23.5	20.4	18.9	16.7	14.4	11.9	10.7	9.7	9.7	9.7	9.7
50°	18.4	19.2	19.3	17.8	15.9	13.4	11.4	10.3	9.7	9.7	9.8
47.5°	16.3	18.1	18.5	18.2	16.5	14.8	12.4	10.9	9.7	9.7	10.0
45°	16.8	17.4	18.0	17.8	17.1	15.5	13.4	11.5	10.2	9.9	10.1
42.5°	18.5	18.6	18.2	17.5	17.3	16.0	14.3	12.2	10.8	10.1	10.3
40°	22.4	21.2	19.4	19.1	17.6	16.5	14.8	12.8	11.3	10.5	10.6
37.5°	27.3	25.3	22.5	23.0	19.1	17.1	15.2	13.3	12.1	11.2	10.9
35°	37.7	30.9	29.3	29.0	24.3	17.8	15.6	13.7	12.9	11.9	11.2
32.5°	51.1	41.6	38.9	36.1	31.1	18.8	16.2	14.9	13.8	12.6	11.6
30°	65.6	60.5	50.1	44.1	39.0	25.1	17.9	16.4	14.8	13.2	12.1
27.5°	88.4	81.6	63.9	54.3	46.4	33.3	21.5	18.1	15.8	13.9	12.6
25°	119.0	105.2	83.9	66.0	54.5	52.7	26.0	20.1	17.0	14.7	13.2
22.5°	162.1	132.7	105.3	78.6	86.5	77.6	36.5	23.5	18.5	15.6	13.7
20°	212.0	163.9	138.5	131.9	126.4	105.0	54.9	27.5	20.1	16.4	14.2
17.5°	272.0	240.8	230.6	199.0	171.0	136.5	76.1	31.8	21.8	17.2	14.7
15°	442.6	377.2	332.4	274.2	219.2	171.3	99.5	36.4	23.5	18.0	15.0
12.5°	644.5	521.9	441.8	355.6	270.1	208.6	124.2	41.1	25.2	18.7	15.2
10°	853.9	672.4	556.4	441.2	322.8	247.4	149.5	46.4	27.5	19.3	15.3
7.5°	1066.6	826.0	674.0	528.9	375.3	285.5	177.2	52.6	29.9	19.9	15.4
5°	1259.6	959.3	770.2	599.3	421.8	321.0	204.4	58.7	32.3	20.4	15.4
2.5°	1365.8	1056.7	849.3	663.1	466.6	354.4	229.5	64.4	34.7	20.9	15.5
0°	1459.0	1147.4	923.0	721.7	508.9	385.1	251.5	69.7	36.8	21.3	15.5
-2.5°	1459.5	1133.0	920.0	739.5	529.9	396.8	261.1	85.1	46.2	26.5	17.3
-5°	1445.3	1111.5	912.6	751.1	546.6	405.1	266.9	99.5	55.2	31.5	19.0
-7.5°	1380.6	1069.1	894.0	753.6	558.5	409.8	269.4	112.5	63.4	36.0	20.6
-10°	1294.3	1012.5	860.0	730.1	553.7	408.5	268.7	123.9	70.7	39.9	21.9
-12.5°	1195.0	953.1	826.8	704.3	542.8	402.0	263.8	132.6	76.9	43.2	22.9
-15°	1083.2	892.0	796.1	677.4	528.4	392.8	256.9	139.1	82.1	45.9	23.6
-17.5°	963.7	830.3	769.2	650.4	510.5	381.1	248.4	143.4	85.9	48.2	24.7
-20°	900.3	789.7	744.4	624.4	489.4	367.3	238.5	145.4	88.1	49.6	26.1



REPORT NUMBER: P1305707 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-5S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	844.5	768.6	708.4	597.1	467.4	351.5	227.8	145.0	88.7	50.0	27.0
-25°	787.5	748.4	672.6	561.3	445.9	334.7	221.2	142.1	87.4	49.4	27.4
-27.5°	755.7	723.5	637.3	522.7	416.9	318.1	216.9	140.3	85.2	47.7	27.4
-30°	735.5	683.9	594.0	483.2	385.4	292.5	209.2	136.3	83.1	46.6	26.9
-32.5°	720.3	646.0	546.3	446.3	353.8	265.3	193.7	129.7	79.4	45.9	26.7
-35°	686.7	599.4	496.9	407.0	321.4	242.9	175.2	120.5	74.2	44.5	26.1
-37.5°	648.4	546.5	452.0	367.6	287.6	218.8	158.2	108.0	67.4	42.3	25.0
-40°	587.8	493.2	406.7	329.3	257.8	193.2	139.5	96.2	62.8	39.3	23.3
-42.5°	524.5	441.0	362.7	289.8	228.3	170.8	120.0	83.5	57.2	36.4	20.9
-45°	464.9	388.0	317.6	255.4	198.1	146.7	105.0	70.9	50.7	32.9	18.8
-47.5°	403.9	336.5	274.6	218.9	169.6	123.1	89.1	62.8	43.6	28.6	17.7
-50°	345.7	286.2	232.5	184.2	138.8	104.6	74.0	54.1	37.3	23.1	16.4
-52.5°	290.0	238.1	192.2	149.4	115.1	85.2	63.3	44.8	30.7	20.0	14.9
-55°	236.6	193.1	153.2	120.4	92.1	70.5	51.8	36.9	23.6	17.9	13.3
-57.5°	188.2	149.9	120.8	94.2	73.7	56.6	41.4	28.5	20.1	15.7	12.9
-60°	141.9	116.2	91.2	73.9	58.3	44.0	31.5	21.7	17.6	13.9	12.5
-62.5°	106.7	85.6	71.2	57.1	44.4	32.7	22.6	18.9	15.1	13.4	12.1
-65°	80.0	66.7	53.1	42.4	31.7	23.2	19.4	16.0	14.1	12.8	11.8
-67.5°	60.1	49.0	38.0	28.2	22.8	19.2	16.1	14.6	13.5	12.3	11.8
-70°	42.4	32.5	25.6	21.3	17.9	15.4	14.8	13.9	12.8	12.1	11.7
-72.5°	28.7	23.6	18.8	15.4	14.9	14.4	13.9	13.2	12.4	11.9	11.6
-75°	19.7	17.2	15.4	14.3	13.9	13.5	13.0	12.5	12.0	11.6	11.2
-77.5°	16.5	15.1	13.9	13.2	12.9	12.5	12.2	11.8	11.4	11.0	10.6
-80°	13.9	13.2	12.6	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.1
-82.5°	11.7	11.5	11.3	11.1	10.9	10.6	10.4	10.2	10.0	9.7	9.5
-85°	10.4	10.2	10.1	10.0	9.8	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°	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):**

	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°	8.2	8.1	8.0	8.0	7.9	7.7	7.7
85°	8.7	8.6	8.4	8.2	8.0	7.8	7.7
82.5°	9.2	9.0	8.7	8.5	8.2	7.8	7.7
80°	9.7	9.4	9.1	8.7	8.4	7.9	7.7
77.5°	9.7	9.7	9.4	9.0	8.5	7.9	7.7
75°	9.7	9.7	9.7	9.2	8.7	7.9	7.7
72.5°	9.7	9.7	9.7	9.5	8.8	8.0	7.7
70°	9.7	9.7	9.7	9.7	9.0	8.0	7.7
67.5°	9.7	9.7	9.7	9.7	9.1	8.1	7.7
65°	9.7	9.7	9.7	9.7	9.2	8.1	7.7
62.5°	9.7	9.7	9.7	9.7	9.3	8.1	7.7
60°	9.7	9.7	9.7	9.7	9.4	8.1	7.7
57.5°	9.7	9.7	9.7	9.7	9.4	8.2	7.7
55°	9.7	9.7	9.7	9.7	9.4	8.2	7.7
52.5°	9.7	9.7	9.7	9.7	9.4	8.2	7.7
50°	9.7	9.7	9.7	9.7	9.4	8.2	7.7
47.5°	9.7	9.7	9.7	9.7	9.4	8.2	7.7
45°	9.9	9.7	9.7	9.7	9.4	8.2	7.7
42.5°	10.1	9.7	9.7	9.7	9.4	8.2	7.7
40°	10.3	9.7	9.7	9.7	9.4	8.2	7.7
37.5°	10.5	9.7	9.7	9.7	9.4	8.2	7.7
35°	10.8	9.8	9.7	9.7	9.4	8.2	7.7
32.5°	11.0	10.0	9.7	9.7	9.4	8.2	7.7
30°	11.4	10.2	9.7	9.7	9.4	8.1	7.7
27.5°	11.7	10.4	9.7	9.7	9.5	8.1	7.7
25°	12.0	10.7	9.7	9.7	9.5	8.1	7.7
22.5°	12.4	10.9	9.7	9.7	9.5	8.1	7.7
20°	12.7	11.0	9.7	9.7	9.5	8.0	7.7
17.5°	13.0	11.2	9.7	9.7	9.6	8.0	7.7
15°	13.1	11.3	9.7	9.7	9.6	8.0	7.7
12.5°	13.2	11.4	9.7	9.7	9.6	7.9	7.7
10°	13.3	11.5	9.7	9.7	9.6	7.9	7.7
7.5°	13.4	11.5	9.7	9.7	9.7	7.8	7.7
5°	13.5	11.6	9.7	9.7	9.7	7.8	7.7
2.5°	13.5	11.6	9.7	9.7	9.7	7.7	7.7
0°	13.5	11.6	9.7	9.7	9.7	7.7	7.7
-2.5°	13.8	11.8	9.9	9.7	9.7	7.7	7.7
-5°	14.0	12.0	10.0	9.7	9.7	7.8	7.7
-7.5°	14.2	12.1	10.2	9.7	9.7	7.8	7.7
-10°	14.4	12.3	10.3	9.7	9.6	7.9	7.7
-12.5°	14.5	12.4	10.5	9.7	9.6	7.9	7.7
-15°	14.7	12.5	10.6	9.7	9.6	8.0	7.7
-17.5°	14.8	12.6	10.6	9.7	9.6	8.0	7.7
-20°	15.2	12.7	10.7	9.7	9.5	8.0	7.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.1	12.7	10.7	9.7	9.5	8.1	7.7
-25°	16.7	12.8	10.7	9.7	9.5	8.1	7.7
-27.5°	16.9	12.8	10.7	9.7	9.5	8.1	7.7
-30°	16.8	12.7	10.6	9.7	9.4	8.1	7.7
-32.5°	16.3	12.6	10.5	9.7	9.4	8.2	7.7
-35°	16.0	12.3	10.4	9.7	9.4	8.2	7.7
-37.5°	15.7	12.0	10.2	9.7	9.4	8.2	7.7
-40°	15.2	11.8	10.1	9.7	9.4	8.2	7.7
-42.5°	14.6	11.6	10.0	9.7	9.4	8.2	7.7
-45°	13.8	11.4	10.1	9.8	9.4	8.2	7.7
-47.5°	12.9	11.2	10.2	9.8	9.4	8.2	7.7
-50°	12.5	11.0	10.2	9.8	9.4	8.2	7.7
-52.5°	12.2	10.7	10.3	9.9	9.4	8.2	7.7
-55°	11.9	10.7	10.3	9.9	9.4	8.2	7.7
-57.5°	11.5	10.8	10.4	9.9	9.4	8.2	7.7
-60°	11.2	10.8	10.4	9.8	9.4	8.1	7.7
-62.5°	11.3	10.9	10.3	9.8	9.3	8.1	7.7
-65°	11.3	10.9	10.2	9.8	9.2	8.1	7.7
-67.5°	11.4	10.8	10.1	9.8	9.1	8.1	7.7
-70°	11.4	10.6	10.0	9.7	9.0	8.0	7.7
-72.5°	11.1	10.3	9.9	9.5	8.8	8.0	7.7
-75°	10.7	10.1	9.7	9.2	8.7	7.9	7.7
-77.5°	10.2	9.8	9.4	9.0	8.5	7.9	7.7
-80°	9.8	9.4	9.1	8.7	8.4	7.9	7.7
-82.5°	9.2	9.0	8.7	8.5	8.2	7.8	7.7
-85°	8.7	8.6	8.4	8.2	8.0	7.8	7.7
-87.5°	8.2	8.1	8.0	8.0	7.9	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)