

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: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-7F-CV2-A**

Issue Date: 2/3/2026

**Test Information**

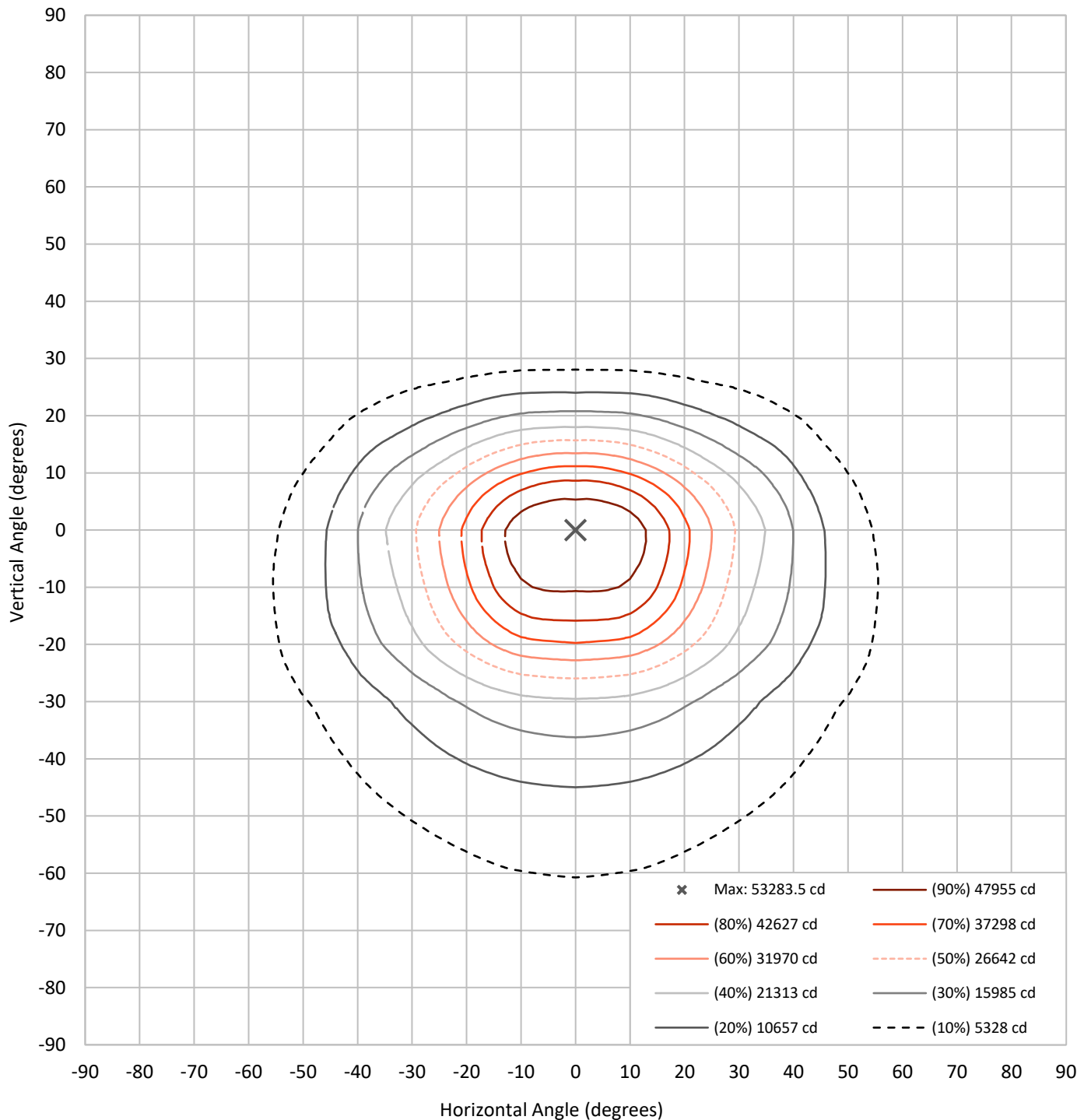
Test Method: LM-79-08  
Report Number: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-70-7F-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	46616.8 lumens	Max Intensity:	53283.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	22599.4 lumens	Field Lumens:	42339.1 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
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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CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

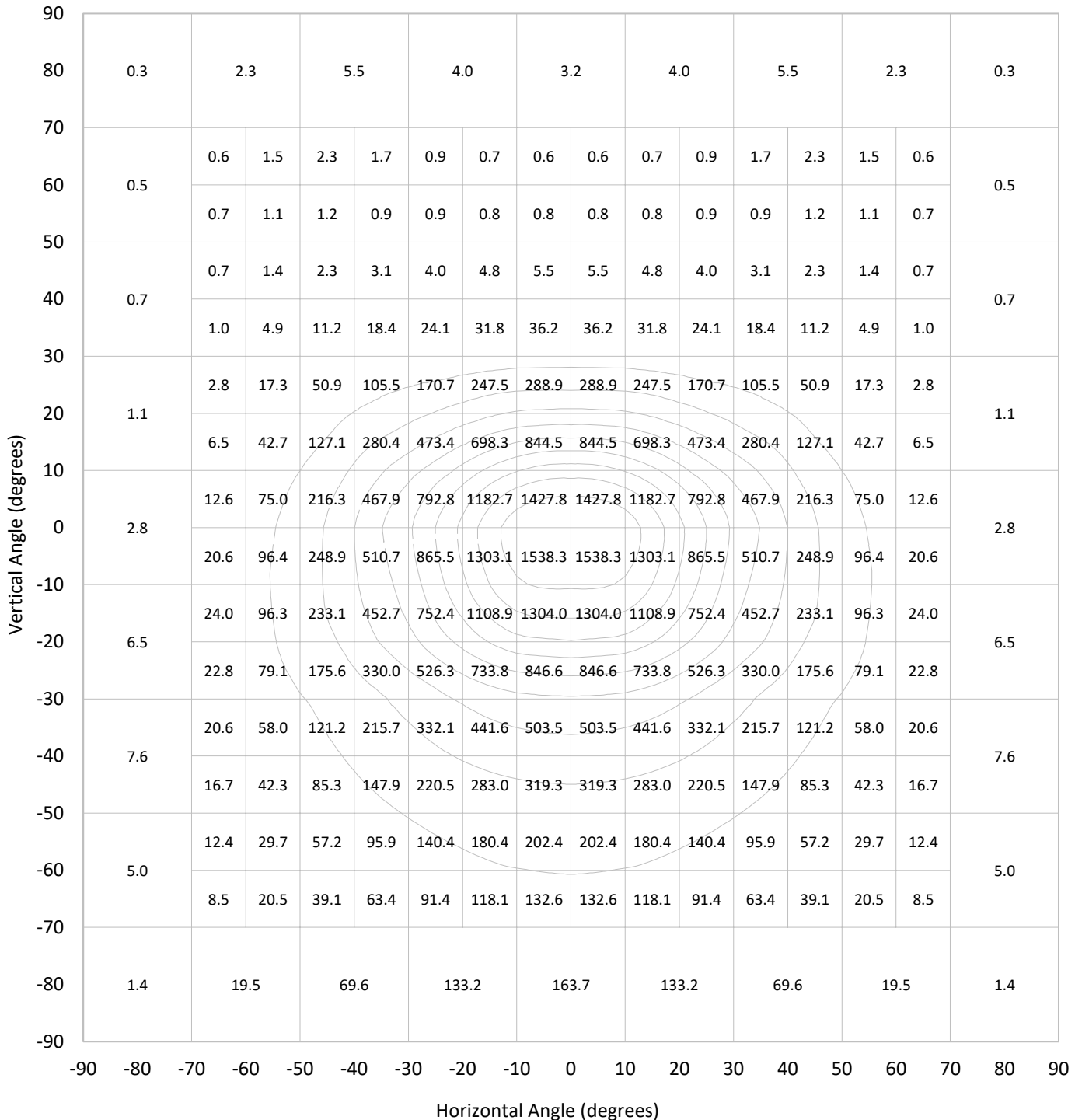
### Iso-Candela Plot





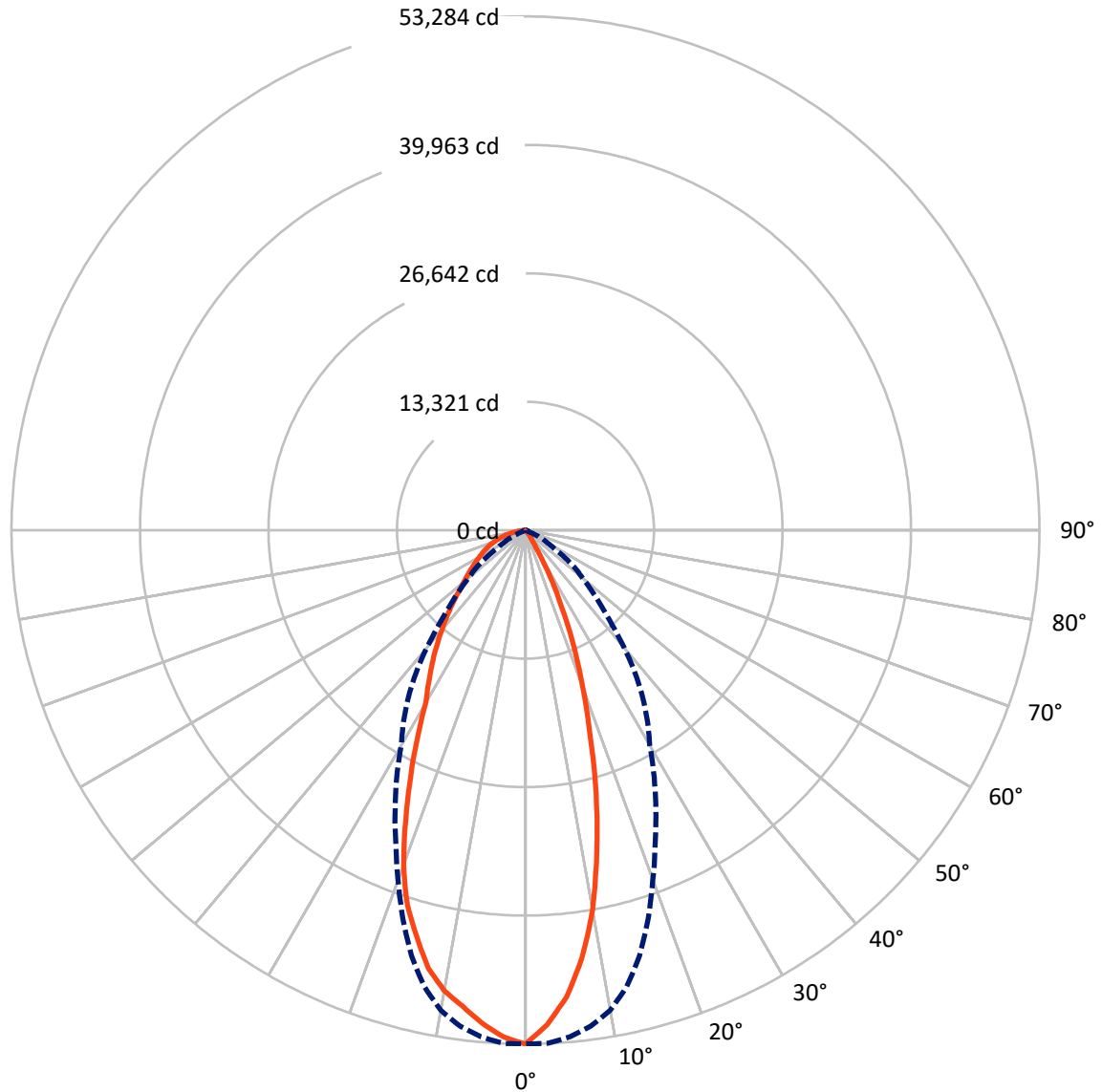
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### Lumen Table



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
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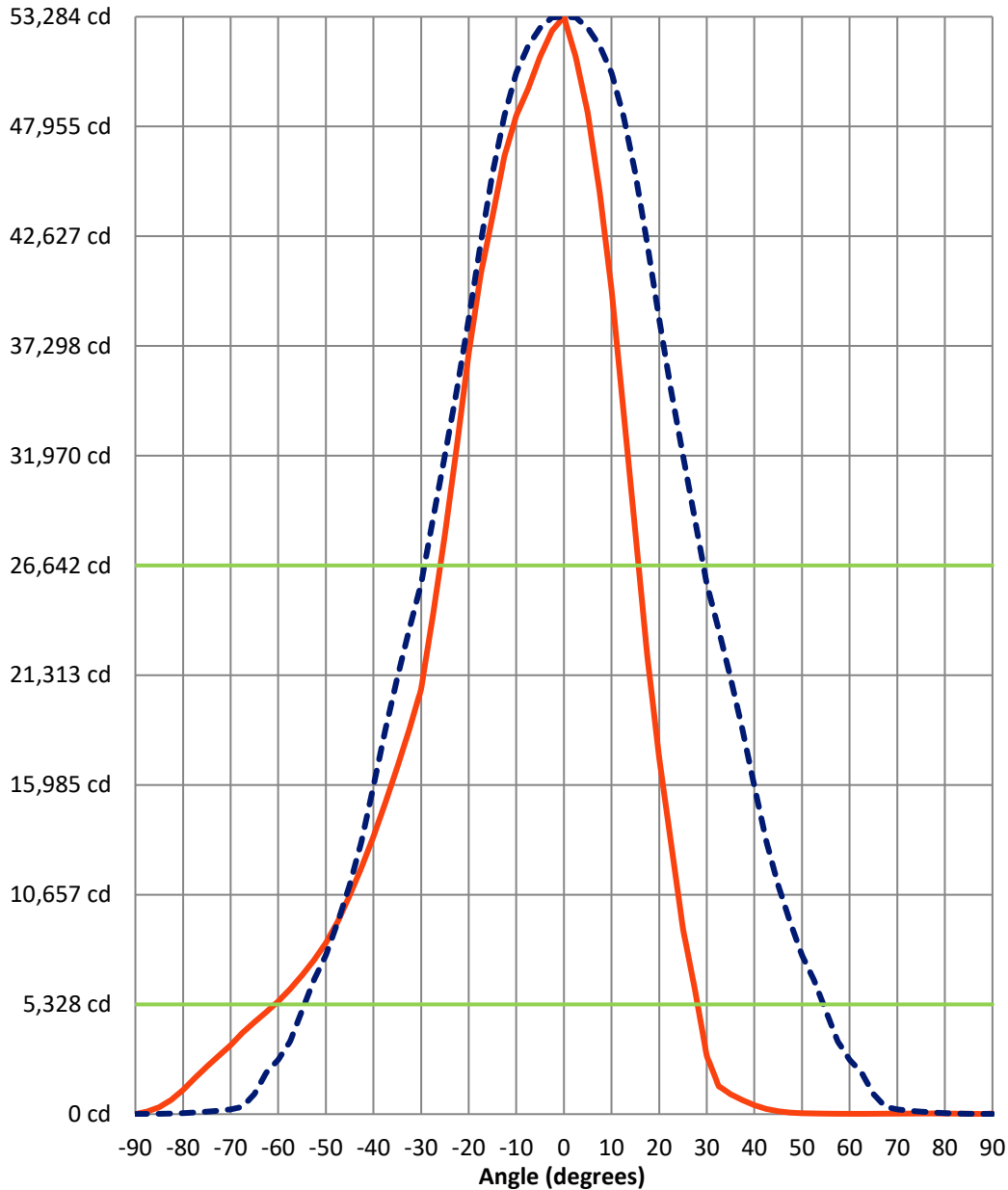
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 58.6°  
 V Angle: 41.6°  
 Lumens: 22599.4  
 Efficiency: 48.5%

**Field:**  
 H Angle: 109°  
 V Angle: 88.8°  
 Lumens: 42339.1  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 4277.8  
 Efficiency: 9.2%

— 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°	7.5	8.5	9.4	9.9	10.3	10.8	11.2	11.7	12.2	12.6	13.1
87.5°	7.5	7.8	8.2	8.7	9.3	10.0	10.9	11.2	11.3	11.4	11.4
85°	7.5	8.1	8.8	9.8	11.1	12.5	14.3	14.8	15.2	15.4	15.4
82.5°	7.5	8.4	9.5	11.0	12.8	15.0	17.6	18.5	19.0	20.3	22.7
80°	7.5	8.6	10.1	12.1	14.6	17.5	20.5	21.0	23.0	26.6	31.8
77.5°	7.5	8.9	10.7	13.2	16.3	19.1	20.9	22.9	26.8	32.7	38.8
75°	7.5	9.2	11.3	14.3	17.6	19.2	21.2	24.5	30.0	34.9	39.9
72.5°	7.5	9.5	12.0	15.3	17.5	19.2	21.5	25.7	30.8	35.9	41.0
70°	7.5	9.7	12.5	16.1	17.4	19.3	21.8	26.4	31.6	36.8	42.6
67.5°	7.5	10.0	13.1	15.9	17.2	19.2	22.5	27.0	32.3	38.2	44.2
65°	7.5	10.2	13.7	15.7	17.0	19.5	23.3	27.5	33.5	39.6	46.3
62.5°	7.5	10.5	14.2	15.4	16.8	20.2	24.0	28.3	34.6	41.2	49.8
60°	7.5	10.7	14.7	15.2	16.6	20.8	24.6	29.2	35.6	44.0	53.0
57.5°	7.5	10.9	14.6	14.9	17.1	21.4	25.8	30.2	37.6	46.6	54.5
55°	7.5	11.2	14.5	14.6	17.6	22.0	27.0	31.5	39.6	48.6	55.4
52.5°	7.5	11.4	14.4	14.3	18.0	22.6	28.2	33.6	41.4	49.6	56.4
50°	7.5	11.6	14.4	13.9	18.5	23.7	29.4	35.8	42.9	50.6	54.8
47.5°	7.5	11.8	14.4	13.7	18.9	24.7	30.7	38.1	43.8	51.5	53.1
45°	7.5	11.9	14.3	14.1	19.4	25.8	32.6	40.3	46.1	50.4	51.7
42.5°	7.5	12.1	14.3	14.3	19.7	26.8	34.5	42.6	48.7	49.4	50.2
40°	7.5	12.3	14.4	14.9	20.3	27.8	36.4	45.1	51.3	48.9	49.1
37.5°	7.5	12.4	14.4	15.7	21.0	28.7	38.2	47.9	53.6	51.8	48.6
35°	7.5	12.5	14.5	16.5	21.7	30.0	40.0	50.8	56.5	55.9	52.2
32.5°	7.5	12.7	14.6	17.3	22.4	31.3	41.9	53.9	60.0	61.2	67.1
30°	7.5	12.8	14.7	18.2	23.0	32.6	44.3	57.0	64.1	67.7	82.3
27.5°	7.5	12.9	14.8	19.1	24.9	33.9	46.7	60.2	69.1	75.1	97.9
25°	7.5	12.9	15.0	19.9	27.0	35.0	49.1	63.7	75.0	86.7	115.3
22.5°	7.5	13.0	15.1	20.8	29.1	37.1	51.5	67.5	81.6	99.9	170.9
20°	7.5	13.1	15.3	21.7	31.3	41.8	53.9	71.4	88.5	113.0	229.9
17.5°	7.5	13.1	15.5	22.6	33.6	46.7	60.2	75.5	95.9	126.0	291.0
15°	7.5	13.1	15.7	23.5	35.9	51.8	69.0	83.8	103.4	138.6	353.0
12.5°	7.5	13.2	15.9	24.4	38.1	57.0	77.9	97.6	119.2	150.9	414.7
10°	7.5	13.2	16.1	25.2	40.4	62.3	87.0	111.5	141.7	188.0	496.1
7.5°	7.5	13.2	16.3	26.0	42.6	67.5	95.9	125.6	164.6	230.0	622.5
5°	7.5	13.2	16.5	26.7	44.7	72.6	104.8	139.5	187.5	272.5	748.4
2.5°	7.5	13.1	16.6	27.5	46.7	77.6	113.4	153.2	210.1	314.6	869.6
0°	7.5	13.1	16.8	28.1	48.6	82.3	121.6	166.5	232.0	355.5	982.2
-2.5°	7.5	13.3	18.0	32.2	58.1	99.9	153.1	218.6	314.0	488.0	1156.0
-5°	7.5	13.6	19.2	36.3	67.3	117.0	183.8	269.3	393.7	615.8	1314.8
-7.5°	7.5	13.8	20.4	40.2	76.1	133.4	213.1	317.9	469.9	736.4	1456.4
-10°	7.5	14.0	21.5	43.8	84.5	148.9	240.7	363.7	541.4	847.5	1578.6
-12.5°	7.5	14.2	22.5	47.2	92.2	163.2	266.2	406.1	607.0	942.9	1624.9
-15°	7.5	14.3	23.5	50.3	99.3	176.2	289.2	444.3	664.5	1001.3	1632.1
-17.5°	7.5	14.5	24.5	53.1	105.6	187.7	309.3	480.7	714.0	1051.2	1629.5
-20°	7.5	14.6	25.3	55.5	111.0	197.6	329.0	514.6	756.9	1092.2	1618.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	14.7	26.0	57.5	115.5	205.8	349.9	543.6	792.6	1124.1	1599.4
-25°	7.5	14.8	26.7	59.0	118.9	216.3	367.3	567.3	820.7	1146.5	1574.0
-27.5°	7.5	14.8	27.2	60.1	121.3	226.5	380.8	585.4	840.7	1165.0	1590.0
-30°	7.5	14.8	27.6	60.6	122.8	234.1	390.3	597.6	857.4	1184.5	1596.4
-32.5°	7.5	14.8	27.9	60.7	126.6	239.0	395.7	607.0	869.2	1193.1	1590.8
-35°	7.5	14.8	28.1	60.2	128.9	241.3	400.0	611.6	872.8	1190.6	1573.2
-37.5°	7.5	14.8	28.1	59.1	129.6	241.9	401.6	610.2	868.0	1176.8	1496.4
-40°	7.5	14.7	28.1	57.5	128.8	242.0	399.0	602.8	854.8	1160.2	1419.4
-42.5°	7.5	14.6	27.8	55.9	127.6	239.6	392.2	589.3	837.7	1104.4	1337.5
-45°	7.5	14.5	27.5	54.9	126.4	234.6	381.3	572.5	815.0	1040.1	1253.1
-47.5°	7.5	14.3	27.0	53.1	123.8	227.2	366.2	554.0	783.7	972.8	1177.9
-50°	7.5	14.1	26.4	52.6	119.9	217.3	352.3	529.9	728.9	911.1	1099.2
-52.5°	7.5	13.9	25.7	52.1	114.7	204.9	335.6	500.4	677.4	846.8	1018.5
-55°	7.5	13.7	24.8	50.9	108.3	194.5	315.5	466.5	625.9	779.9	944.4
-57.5°	7.5	13.4	23.9	49.1	100.6	182.9	292.2	435.6	572.0	717.1	867.9
-60°	7.5	13.1	22.8	46.7	92.0	169.4	266.6	397.0	517.5	653.7	791.5
-62.5°	7.5	12.8	22.0	43.8	85.9	154.3	245.0	354.4	466.8	587.8	718.0
-65°	7.5	12.5	21.1	40.4	78.7	137.5	221.1	312.5	413.4	524.0	642.0
-67.5°	7.5	12.2	20.1	36.5	70.7	121.5	195.0	275.7	357.6	458.5	565.3
-70°	7.5	11.8	19.1	32.2	61.8	106.6	166.9	237.1	309.7	390.3	486.4
-72.5°	7.5	11.4	18.0	29.4	52.2	90.4	141.9	196.8	260.0	330.0	406.7
-75°	7.5	11.0	16.9	26.9	42.0	73.3	116.1	160.3	208.5	267.8	332.8
-77.5°	7.5	10.6	15.7	24.3	36.2	55.2	88.9	124.5	163.5	206.5	256.6
-80°	7.5	10.2	14.5	21.5	31.3	43.7	60.7	87.9	118.2	151.8	188.6
-82.5°	7.5	9.8	13.2	18.7	26.2	35.7	47.1	58.1	72.1	96.0	122.4
-85°	7.5	9.3	12.0	15.8	21.0	27.5	35.3	42.8	51.0	60.0	69.8
-87.5°	7.5	8.9	10.7	12.8	15.6	19.1	23.3	27.3	31.6	36.4	41.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



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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°	13.6	14.1	14.5	15.0	15.5	15.9	16.4	16.8	17.8	18.7	19.7
87.5°	12.0	12.6	13.3	13.9	12.7	11.4	9.9	8.3	8.7	9.2	9.7
85°	16.5	17.7	19.4	20.6	19.7	18.9	18.3	17.9	18.9	19.7	20.4
82.5°	25.0	26.7	27.7	28.2	28.8	29.7	31.3	34.6	36.7	37.9	38.5
80°	34.4	35.7	36.8	39.3	43.8	49.1	55.1	61.8	63.6	63.3	62.1
77.5°	40.2	42.6	47.0	53.4	60.8	68.3	76.6	85.6	87.9	86.8	85.0
75°	43.6	48.9	56.2	65.3	74.8	84.9	95.6	105.4	107.9	104.7	100.9
72.5°	46.6	54.3	64.0	75.8	86.9	97.3	108.2	119.6	124.0	118.7	111.8
70°	49.3	59.0	70.8	83.5	96.2	107.2	117.9	130.2	138.1	128.2	112.9
67.5°	51.6	63.8	76.7	89.8	100.6	111.5	124.4	129.7	132.6	116.8	100.4
65°	55.2	68.2	79.8	90.7	102.0	107.3	111.6	115.6	114.0	96.1	78.8
62.5°	58.6	69.2	80.0	88.8	92.3	95.6	95.0	91.3	85.5	74.3	60.8
60°	59.9	68.9	76.7	80.5	81.7	78.8	74.4	70.9	65.9	56.4	47.4
57.5°	60.6	65.9	70.2	71.3	67.9	63.3	61.6	56.6	53.0	47.0	38.9
55°	60.1	60.9	63.0	60.5	57.8	56.0	53.3	51.7	46.6	40.9	34.9
52.5°	57.6	56.7	54.8	53.6	54.4	54.0	53.1	50.4	45.7	40.0	36.7
50°	55.3	52.0	49.0	53.2	56.9	60.1	55.3	52.3	52.1	49.5	44.0
47.5°	52.4	48.1	50.8	57.2	68.0	72.0	65.2	65.1	67.3	72.5	66.0
45°	49.9	51.5	55.8	71.7	85.0	91.0	92.1	84.9	102.8	108.7	106.9
42.5°	48.0	58.7	77.9	89.0	110.3	123.5	128.7	139.4	150.0	163.0	166.3
40°	55.0	68.1	111.2	130.2	143.5	165.9	193.0	210.7	214.0	233.7	242.6
37.5°	64.2	105.9	156.8	189.7	188.8	227.8	268.4	311.0	335.0	316.1	359.6
35°	74.5	150.5	222.4	270.4	282.6	306.7	378.4	459.8	538.6	492.5	515.0
32.5°	105.3	201.6	299.2	372.7	444.2	460.4	504.8	725.7	868.6	870.9	756.0
30°	155.8	273.4	390.9	491.2	656.4	732.2	803.0	1077.4	1317.7	1472.4	1505.3
27.5°	219.0	355.5	502.9	683.5	917.5	1054.3	1283.8	1578.4	1956.5	2239.7	2435.5
25°	290.0	482.4	625.4	926.7	1229.4	1480.5	1802.7	2208.1	2738.5	3192.4	3616.1
22.5°	381.3	629.8	819.7	1199.1	1574.9	1941.3	2388.7	2971.5	3646.5	4236.7	4837.2
20°	496.3	797.3	1073.0	1535.2	1967.7	2408.8	2982.8	3793.3	4647.7	5482.1	6261.3
17.5°	620.6	973.7	1356.8	1919.2	2504.4	3003.1	3604.2	4646.7	5702.0	6848.0	7982.8
15°	751.6	1156.5	1638.1	2338.1	3080.6	3759.6	4554.5	5616.7	6871.5	8341.4	9805.3
12.5°	886.2	1342.6	1914.1	2781.4	3681.5	4530.0	5542.1	6754.0	8194.7	9937.8	11713.0
10°	1020.9	1528.9	2181.8	3237.6	4295.6	5304.0	6504.8	7852.0	9499.3	11458.0	13466.0
7.5°	1265.0	1773.6	2459.4	3694.0	4910.1	6070.4	7434.0	8903.3	10734.9	12912.3	15108.6
5°	1525.7	2075.1	2838.1	4172.7	5490.4	6742.9	8269.7	9897.8	11891.7	14281.9	16663.5
2.5°	1779.0	2365.2	3199.4	4619.8	6023.9	7255.8	8831.5	10543.6	12655.3	15238.2	17844.5
0°	2016.8	2641.6	3539.6	5025.1	6514.3	7719.1	9329.9	11118.4	13258.7	15922.8	18665.4
-2.5°	2231.6	2894.3	3826.0	5273.0	6665.7	7833.8	9455.9	11249.6	13366.5	15925.3	18460.7
-5°	2420.5	3129.8	4085.5	5480.0	6778.8	7909.8	9515.8	11302.4	13378.5	15810.7	18178.1
-7.5°	2581.4	3346.7	4316.3	5628.9	6839.0	7970.8	9528.6	11283.6	13307.9	15602.6	17844.2
-10°	2688.8	3436.1	4330.8	5590.3	6822.5	7995.3	9484.9	11193.3	13142.3	15307.1	17430.5
-12.5°	2619.4	3403.0	4279.3	5504.2	6765.6	7963.6	9383.4	11034.8	12885.0	14941.2	16941.8
-15°	2540.7	3348.2	4195.4	5369.1	6668.4	7871.9	9227.0	10811.8	12443.5	14342.1	16316.0
-17.5°	2456.9	3270.6	4078.0	5183.8	6531.4	7717.1	8937.3	10223.9	11721.0	13583.1	15533.0
-20°	2371.7	3169.6	3926.3	4947.5	6343.3	7323.7	8322.4	9518.6	10938.0	12671.6	14623.6



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2288.5	3044.4	3766.3	4739.9	5842.2	6767.3	7669.7	8746.1	10035.2	11603.9	13314.5
-25°	2225.8	2914.8	3611.3	4400.4	5315.5	6202.0	6969.3	7923.5	9096.2	10438.0	11791.3
-27.5°	2177.2	2799.8	3392.0	4065.5	4820.3	5632.1	6313.6	7132.8	8237.1	9311.7	10356.3
-30°	2125.4	2647.6	3169.9	3756.6	4423.8	5097.0	5688.3	6487.8	7470.3	8397.6	9229.0
-32.5°	2025.5	2486.8	2975.3	3504.2	4063.7	4618.2	5237.0	5994.5	6815.6	7613.0	8279.9
-35°	1907.1	2335.9	2787.9	3254.7	3727.5	4263.6	4879.8	5529.6	6224.4	6945.3	7705.4
-37.5°	1807.9	2178.7	2595.1	3023.5	3460.1	3959.5	4510.8	5107.4	5723.4	6368.0	7112.1
-40°	1701.1	2015.9	2411.9	2808.8	3210.6	3659.9	4166.6	4695.8	5247.9	5858.5	6502.4
-42.5°	1589.9	1889.7	2228.9	2589.8	2966.7	3369.3	3810.1	4302.1	4809.4	5345.8	5921.0
-45°	1494.2	1757.0	2048.3	2384.5	2719.7	3075.8	3474.1	3902.8	4379.0	4856.4	5357.1
-47.5°	1393.5	1625.1	1895.5	2176.0	2483.9	2799.4	3132.9	3536.8	3948.0	4385.7	4819.5
-50°	1293.1	1509.9	1736.8	1995.3	2259.3	2535.9	2828.4	3189.4	3566.8	3934.9	4315.1
-52.5°	1203.1	1390.0	1603.0	1822.4	2057.7	2297.7	2568.8	2883.0	3215.5	3543.2	3881.8
-55°	1109.8	1285.0	1472.4	1670.1	1872.1	2085.4	2335.1	2614.9	2888.3	3193.3	3496.4
-57.5°	1021.6	1183.1	1353.6	1528.0	1709.4	1893.9	2134.2	2366.8	2620.7	2873.9	3136.8
-60°	935.3	1084.8	1241.3	1399.4	1556.7	1741.6	1945.6	2162.1	2378.3	2593.6	2839.4
-62.5°	848.1	991.0	1133.5	1277.0	1423.1	1594.5	1788.9	1979.8	2164.0	2369.0	2577.6
-65°	764.7	895.1	1029.7	1162.2	1291.9	1458.1	1633.3	1813.9	1993.0	2165.0	2342.2
-67.5°	678.1	797.0	921.1	1048.6	1173.4	1317.5	1474.0	1638.4	1805.5	1963.9	2126.2
-70°	587.3	694.5	806.3	922.0	1042.9	1171.4	1305.3	1449.2	1597.2	1737.1	1878.4
-72.5°	492.6	585.5	684.5	789.2	894.4	1004.6	1121.8	1245.4	1366.5	1483.8	1605.9
-75°	400.5	473.3	556.1	644.3	733.9	827.0	925.0	1025.8	1123.0	1218.3	1316.4
-77.5°	310.1	367.8	430.5	498.1	565.2	637.5	714.1	794.5	870.2	944.3	1019.6
-80°	223.6	259.9	305.7	355.8	406.3	457.9	510.8	564.8	613.1	663.9	718.7
-82.5°	147.3	173.3	200.6	229.2	257.8	287.5	319.7	357.8	389.7	421.3	453.0
-85°	77.7	85.9	102.3	119.7	136.5	154.0	172.1	190.7	207.2	223.0	238.0
-87.5°	45.7	50.0	54.4	59.0	62.7	66.4	70.1	73.7	78.8	83.9	89.0
-90°	7.5	7.5	7.5	7.5	7.0	6.6	6.1	5.6	5.6	5.6	5.6



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20.6	21.5	22.5	23.4	24.3	24.8	25.3	25.7	26.2	26.7	27.2
87.5°	10.2	9.9	9.7	9.4	9.0	11.2	13.5	15.8	18.2	16.5	14.8
85°	20.8	20.7	20.6	20.4	20.1	23.1	26.3	29.5	32.6	29.8	26.8
82.5°	38.3	37.6	36.3	34.4	32.1	31.8	31.2	30.2	28.7	27.4	26.3
80°	60.3	57.5	53.9	49.5	44.5	41.8	39.2	36.4	33.2	32.3	31.5
77.5°	81.6	76.2	69.7	62.8	55.3	50.7	46.5	42.1	37.4	36.1	35.3
75°	96.4	89.6	80.1	70.0	59.5	52.5	47.2	42.0	36.9	35.0	34.0
72.5°	103.3	93.2	81.5	68.1	55.2	46.7	41.5	36.7	32.3	30.5	29.6
70°	98.0	83.7	70.4	57.7	45.6	37.6	33.8	30.6	28.0	26.6	25.8
67.5°	83.6	69.0	56.4	45.2	35.9	29.8	27.7	25.9	24.2	23.3	22.9
65°	64.8	53.5	43.8	35.8	29.5	25.3	23.7	22.1	20.6	19.7	19.3
62.5°	49.1	40.4	34.1	29.1	25.1	22.3	21.1	20.0	19.2	18.6	18.1
60°	39.3	31.9	28.0	25.4	23.0	20.9	20.6	20.4	20.2	19.8	19.0
57.5°	33.6	29.1	26.2	25.5	24.5	23.2	22.8	22.7	21.8	20.5	19.9
55°	32.1	31.0	29.7	30.3	30.3	29.2	27.5	26.3	25.2	24.2	24.3
52.5°	35.8	38.2	39.5	39.4	37.5	34.7	31.4	31.9	32.5	33.0	33.6
50°	47.8	50.8	50.7	46.6	46.3	44.7	40.9	42.7	45.0	45.6	45.9
47.5°	66.3	69.2	71.2	63.9	65.2	69.1	64.9	63.7	71.6	75.1	76.9
45°	96.7	108.5	112.0	114.2	111.0	121.3	121.4	116.6	132.0	140.3	143.2
42.5°	161.1	181.1	197.0	201.6	197.8	210.6	220.5	219.8	239.1	252.8	256.4
40°	269.7	288.6	311.2	319.6	323.3	335.0	359.8	375.8	395.3	416.7	427.6
37.5°	409.0	438.5	443.1	460.4	482.2	493.2	530.9	563.1	589.6	629.8	655.5
35°	612.9	690.9	606.8	646.7	702.0	708.3	742.6	817.0	835.7	906.0	944.9
32.5°	989.2	1134.4	1115.4	980.4	1099.0	1233.7	1083.7	1350.6	1326.7	1401.8	1497.3
30°	1561.2	1983.4	2030.3	1832.8	2162.3	2341.1	2312.4	2578.3	2748.7	2727.6	3058.3
27.5°	2785.2	3123.8	3277.6	3561.1	3739.1	4002.7	4467.0	4737.5	5223.9	5479.2	5785.3
25°	4109.9	4510.3	5004.3	5491.9	5862.3	6446.7	7098.3	7610.5	8299.0	8731.0	9045.8
22.5°	5541.9	6249.0	6936.8	7616.1	8363.8	9168.7	9937.3	10825.0	11663.0	12281.7	12749.5
20°	7111.8	8090.4	9063.3	9995.8	10928.6	12004.9	12956.6	14023.4	15052.7	15947.6	16563.9
17.5°	9052.5	10075.7	11318.1	12565.9	13774.4	15107.2	16512.9	17709.1	19152.6	20344.7	21241.3
15°	11166.3	12447.5	13803.5	15364.2	16996.3	18645.4	20350.5	22109.0	23752.2	25276.3	26418.0
12.5°	13348.8	14943.7	16595.9	18324.0	20216.5	22268.8	24411.4	26504.4	28536.2	30211.5	31777.8
10°	15445.4	17438.7	19355.8	21380.7	23560.0	25855.9	28365.1	30858.2	33219.5	35283.3	36968.8
7.5°	17282.5	19446.5	21658.3	24141.2	26728.0	29300.8	32019.3	34815.9	37503.6	39882.3	41852.9
5°	19009.4	21267.0	23507.8	26179.0	29033.2	31985.5	35063.3	38205.0	41106.6	43795.9	45978.3
2.5°	20355.9	22730.4	25034.5	27963.5	30975.2	33982.0	37120.4	40555.3	43791.9	46715.4	48856.7
0°	21178.0	23522.1	25748.4	28891.4	31989.6	35145.7	38606.7	42262.4	45671.0	48471.7	50557.7
-2.5°	20893.7	23180.7	25595.9	28683.4	31958.6	35115.2	38616.5	42305.7	45692.2	48538.2	50575.2
-5°	20503.2	22745.4	25189.9	28279.0	31475.6	34628.6	38080.5	41708.6	45034.5	47834.3	49763.5
-7.5°	20023.2	22187.4	24571.0	27567.0	30745.7	33902.5	37262.7	40695.5	43876.3	46659.4	48474.8
-10°	19455.8	21507.5	23865.5	26747.1	29901.6	32944.6	36137.4	39537.3	42729.6	45260.5	47208.9
-12.5°	18867.1	20865.9	23055.8	25782.1	28802.0	31631.1	34679.5	37953.5	40765.8	43354.1	45066.4
-15°	18193.0	20109.9	22163.2	24676.2	27413.2	30061.2	32709.2	35596.3	38162.6	40464.1	42283.5
-17.5°	17412.7	19228.9	21031.0	23290.6	25911.1	28276.3	30594.7	33108.8	35390.2	37503.2	39078.4
-20°	16335.0	17829.6	19561.2	21722.9	23992.9	25987.9	28103.3	30215.2	32246.2	34034.9	35368.8



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14791.4	16245.7	17849.8	19617.8	21517.1	23349.5	25160.3	26888.2	28540.7	30029.1	31102.8
-25°	13148.3	14476.6	15924.6	17394.2	18910.8	20552.3	22140.5	23566.8	24925.6	26075.7	26960.1
-27.5°	11515.7	12771.9	14037.9	15223.9	16436.9	17808.0	19198.0	20392.2	21543.1	22444.1	23133.5
-30°	10057.5	11400.4	12515.1	13322.1	14497.6	15700.5	16601.7	17688.2	18594.9	19169.8	19910.7
-32.5°	9253.9	10266.8	11277.5	12107.2	13041.3	14096.6	14950.0	15837.7	16602.9	17220.8	17686.6
-35°	8520.9	9410.9	10264.9	11118.5	11952.5	12800.3	13586.9	14336.2	15014.8	15561.2	15993.0
-37.5°	7862.4	8632.7	9405.8	10142.2	10891.4	11600.0	12275.2	12921.5	13492.1	13984.6	14391.5
-40°	7197.6	7885.7	8565.6	9231.5	9886.7	10465.1	11045.7	11579.6	12061.2	12497.0	12852.8
-42.5°	6530.0	7144.0	7739.5	8343.6	8925.0	9427.0	9906.3	10347.7	10760.7	11132.1	11439.1
-45°	5873.6	6415.9	6940.7	7477.0	7967.2	8424.8	8842.6	9214.3	9569.1	9882.2	10140.1
-47.5°	5282.1	5723.7	6192.0	6649.8	7075.3	7487.4	7852.9	8180.0	8491.3	8756.3	8966.9
-50°	4732.3	5135.5	5530.3	5901.2	6298.8	6660.1	6969.4	7270.9	7553.9	7790.4	7968.1
-52.5°	4215.4	4587.5	4942.4	5288.5	5633.4	5954.9	6251.6	6527.3	6774.6	6991.4	7145.3
-55°	3806.2	4110.3	4397.8	4730.7	5047.4	5333.2	5598.9	5866.5	6104.9	6315.4	6444.0
-57.5°	3418.8	3693.2	3966.9	4254.7	4533.2	4801.7	5054.0	5288.5	5508.1	5705.2	5815.9
-60°	3073.1	3294.6	3554.9	3820.4	4072.8	4312.4	4549.3	4769.3	4973.4	5144.9	5242.8
-62.5°	2783.5	2993.9	3214.1	3435.8	3654.4	3877.3	4092.2	4296.6	4490.4	4646.6	4741.7
-65°	2528.1	2718.6	2911.1	3107.5	3306.7	3503.0	3685.9	3865.4	4040.6	4174.5	4260.2
-67.5°	2287.8	2451.6	2613.4	2780.5	2952.0	3121.5	3282.8	3441.9	3597.8	3705.8	3772.9
-70°	2024.3	2169.0	2308.3	2449.0	2589.0	2726.7	2860.1	2993.1	3124.6	3211.3	3268.7
-72.5°	1732.3	1853.2	1966.2	2078.6	2193.1	2306.3	2415.9	2522.6	2625.5	2692.7	2742.3
-75°	1416.9	1509.1	1596.9	1685.6	1774.4	1866.3	1956.9	2043.7	2126.4	2176.7	2215.3
-77.5°	1096.0	1161.2	1223.1	1285.5	1347.8	1419.0	1491.2	1561.2	1628.5	1664.1	1690.6
-80°	773.9	819.7	862.0	902.4	940.8	986.2	1032.0	1076.2	1118.7	1139.1	1154.0
-82.5°	484.8	511.6	536.8	560.6	583.0	607.4	630.5	651.9	671.8	681.5	688.9
-85°	252.2	263.9	274.7	284.6	293.8	305.0	315.6	325.4	334.5	337.5	339.5
-87.5°	94.1	97.6	101.0	104.3	107.4	111.6	115.8	119.8	123.7	124.8	125.7
-90°	5.6	5.6	5.6	5.6	5.6	5.1	4.7	4.2	3.7	3.7	3.7



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	27.6	28.1	28.1	28.1	28.1	28.1	27.6	27.2	26.7	26.2	25.7
87.5°	13.0	11.2	10.3	9.4	10.3	11.2	13.0	14.8	16.5	18.2	15.8
85°	23.7	20.6	19.6	18.7	19.6	20.6	23.7	26.8	29.8	32.6	29.5
82.5°	25.2	24.3	24.3	24.3	24.3	24.3	25.2	26.3	27.4	28.7	30.2
80°	30.7	29.8	29.9	29.9	29.9	29.8	30.7	31.5	32.3	33.2	36.4
77.5°	34.5	33.7	33.7	33.7	33.7	33.7	34.5	35.3	36.1	37.4	42.1
75°	32.9	31.9	31.8	31.8	31.8	31.9	32.9	34.0	35.0	36.9	42.0
72.5°	28.9	28.2	28.1	28.1	28.1	28.2	28.9	29.6	30.5	32.3	36.7
70°	25.1	24.5	24.3	24.3	24.3	24.5	25.1	25.8	26.6	28.0	30.6
67.5°	22.7	22.6	22.5	22.5	22.5	22.6	22.7	22.9	23.3	24.2	25.9
65°	19.0	18.9	18.7	18.7	18.7	18.9	19.0	19.3	19.7	20.6	22.1
62.5°	17.6	17.0	16.0	15.0	16.0	17.0	17.6	18.1	18.6	19.2	20.0
60°	18.1	17.1	16.8	16.8	16.8	17.1	18.1	19.0	19.8	20.2	20.4
57.5°	19.3	18.8	18.7	18.7	18.7	18.8	19.3	19.9	20.5	21.8	22.7
55°	24.3	24.2	24.2	24.3	24.2	24.2	24.3	24.3	24.2	25.2	26.3
52.5°	33.8	33.5	33.5	33.7	33.5	33.5	33.8	33.6	33.0	32.5	31.9
50°	46.4	46.4	45.9	44.9	45.9	46.4	46.4	45.9	45.6	45.0	42.7
47.5°	78.0	76.8	75.5	74.8	75.5	76.8	78.0	76.9	75.1	71.6	63.7
45°	146.6	145.4	143.3	142.2	143.3	145.4	146.6	143.2	140.3	132.0	116.6
42.5°	262.4	260.3	255.4	252.6	255.4	260.3	262.4	256.4	252.8	239.1	219.8
40°	439.9	442.2	438.4	435.9	438.4	442.2	439.9	427.6	416.7	395.3	375.8
37.5°	676.1	686.0	684.7	681.0	684.7	686.0	676.1	655.5	629.8	589.6	563.1
35°	962.8	973.8	968.2	967.2	968.2	973.8	962.8	944.9	906.0	835.7	817.0
32.5°	1425.6	1409.5	1349.1	1365.7	1349.1	1409.5	1425.6	1497.3	1401.8	1326.7	1350.6
30°	3080.6	3139.8	2971.0	2836.2	2971.0	3139.8	3080.6	3058.3	2727.6	2748.7	2578.3
27.5°	5815.5	5943.3	5919.5	6057.8	5919.5	5943.3	5815.5	5785.3	5479.2	5223.9	4737.5
25°	9169.3	9254.0	9259.4	9010.0	9259.4	9254.0	9169.3	9045.8	8731.0	8299.0	7610.5
22.5°	12922.7	13004.5	13153.6	13153.9	13153.6	13004.5	12922.7	12749.5	12281.7	11663.0	10825.0
20°	16992.3	17007.3	17292.1	17312.8	17292.1	17007.3	16992.3	16563.9	15947.6	15052.7	14023.4
17.5°	21872.5	22109.9	22495.0	22270.5	22495.0	22109.9	21872.5	21241.3	20344.7	19152.6	17709.1
15°	27498.4	28028.6	28440.4	28255.4	28440.4	28028.6	27498.4	26418.0	25276.3	23752.2	22109.0
12.5°	33023.3	33859.1	34257.0	34159.7	34257.0	33859.1	33023.3	31777.8	30211.5	28536.2	26504.4
10°	38282.2	39458.7	39881.3	40030.4	39881.3	39458.7	38282.2	36968.8	35283.3	33219.5	30858.2
7.5°	43323.8	44401.9	45042.6	44774.9	45042.6	44401.9	43323.8	41852.9	39882.3	37503.6	34815.9
5°	47370.2	48280.6	48798.2	48613.9	48798.2	48280.6	47370.2	45978.3	43795.9	41106.6	38205.0
2.5°	50235.7	51086.0	51534.6	51308.9	51534.6	51086.0	50235.7	48856.7	46715.4	43791.9	40555.3
0°	51872.9	52739.1	53247.0	53283.5	53247.0	52739.1	51872.9	50557.7	48471.7	45671.0	42262.4
-2.5°	51808.9	52420.8	52777.8	52596.0	52777.8	52420.8	51808.9	50575.2	48538.2	45692.2	42305.7
-5°	50724.3	51241.1	51426.5	51347.2	51426.5	51241.1	50724.3	49763.5	47834.3	45034.5	41708.6
-7.5°	49386.2	49767.3	49894.7	49800.0	49894.7	49767.3	49386.2	48474.8	46659.4	43876.3	40695.5
-10°	48091.7	48472.4	48537.1	48482.9	48537.1	48472.4	48091.7	47208.9	45260.5	42729.6	39537.3
-12.5°	46206.9	46619.6	46633.0	46507.3	46633.0	46619.6	46206.9	45066.4	43354.1	40765.8	37953.5
-15°	43267.3	43604.8	43659.2	43588.8	43659.2	43604.8	43267.3	42283.5	40464.1	38162.6	35596.3
-17.5°	39999.9	40223.3	40465.4	40735.8	40465.4	40223.3	39999.9	39078.4	37503.2	35390.2	33108.8
-20°	36076.8	36344.1	36629.8	36932.3	36629.8	36344.1	36076.8	35368.8	34034.9	32246.2	30215.2



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	31667.8	31968.2	32261.2	32414.2	32261.2	31968.2	31667.8	31102.8	30029.1	28540.7	26888.2
-25°	27402.9	27768.7	28000.0	28139.4	28000.0	27768.7	27402.9	26960.1	26075.7	24925.6	23566.8
-27.5°	23493.0	23926.7	24140.1	24231.2	24140.1	23926.7	23493.0	23133.5	22444.1	21543.1	20392.2
-30°	20200.0	20466.2	20503.1	20641.0	20503.1	20466.2	20200.0	19910.7	19169.8	18594.9	17688.2
-32.5°	18029.0	18324.7	18504.5	18656.1	18504.5	18324.7	18029.0	17686.6	17220.8	16602.9	15837.7
-35°	16328.1	16596.0	16772.3	16845.1	16772.3	16596.0	16328.1	15993.0	15561.2	15014.8	14336.2
-37.5°	14697.8	14900.3	15023.5	15122.0	15023.5	14900.3	14697.8	14391.5	13984.6	13492.1	12921.5
-40°	13125.9	13326.7	13448.6	13481.3	13448.6	13326.7	13125.9	12852.8	12497.0	12061.2	11579.6
-42.5°	11658.8	11813.4	11919.5	11992.1	11919.5	11813.4	11658.8	11439.1	11132.1	10760.7	10347.7
-45°	10330.3	10466.6	10561.0	10618.9	10561.0	10466.6	10330.3	10140.1	9882.2	9569.1	9214.3
-47.5°	9121.9	9231.5	9306.8	9350.5	9306.8	9231.5	9121.9	8966.9	8756.3	8491.3	8180.0
-50°	8100.6	8198.5	8268.0	8310.3	8268.0	8198.5	8100.6	7968.1	7790.4	7553.9	7270.9
-52.5°	7265.5	7360.7	7430.6	7475.9	7430.6	7360.7	7265.5	7145.3	6991.4	6774.6	6527.3
-55°	6550.7	6638.2	6701.6	6742.5	6701.6	6638.2	6550.7	6444.0	6315.4	6104.9	5866.5
-57.5°	5909.9	5987.2	6040.8	6074.6	6040.8	5987.2	5909.9	5815.9	5705.2	5508.1	5288.5
-60°	5326.3	5395.9	5445.2	5479.7	5445.2	5395.9	5326.3	5242.8	5144.9	4973.4	4769.3
-62.5°	4825.9	4899.0	4938.2	4959.6	4938.2	4899.0	4825.9	4741.7	4646.6	4490.4	4296.6
-65°	4338.9	4409.5	4447.6	4469.4	4447.6	4409.5	4338.9	4260.2	4174.5	4040.6	3865.4
-67.5°	3832.2	3883.1	3921.8	3951.2	3921.8	3883.1	3832.2	3772.9	3705.8	3597.8	3441.9
-70°	3318.0	3359.2	3360.5	3348.8	3360.5	3359.2	3318.0	3268.7	3211.3	3124.6	2993.1
-72.5°	2785.3	2821.4	2830.8	2830.6	2830.8	2821.4	2785.3	2742.3	2692.7	2625.5	2522.6
-75°	2248.6	2276.2	2294.8	2306.8	2294.8	2276.2	2248.6	2215.3	2176.7	2126.4	2043.7
-77.5°	1712.3	1728.9	1744.5	1754.9	1744.5	1728.9	1712.3	1690.6	1664.1	1628.5	1561.2
-80°	1165.4	1173.2	1175.0	1173.0	1175.0	1173.2	1165.4	1154.0	1139.1	1118.7	1076.2
-82.5°	694.2	697.5	694.1	688.5	694.1	697.5	694.2	688.9	681.5	671.8	651.9
-85°	340.5	340.8	340.1	338.6	340.1	340.8	340.5	339.5	337.5	334.5	325.4
-87.5°	126.3	126.8	129.0	131.0	129.0	126.8	126.3	125.7	124.8	123.7	119.8
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.2



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	25.3	24.8	24.3	23.4	22.5	21.5	20.6	19.7	18.7	17.8	16.8
87.5°	13.5	11.2	9.0	9.4	9.7	9.9	10.2	9.7	9.2	8.7	8.3
85°	26.3	23.1	20.1	20.4	20.6	20.7	20.8	20.4	19.7	18.9	17.9
82.5°	31.2	31.8	32.1	34.4	36.3	37.6	38.3	38.5	37.9	36.7	34.6
80°	39.2	41.8	44.5	49.5	53.9	57.5	60.3	62.1	63.3	63.6	61.8
77.5°	46.5	50.7	55.3	62.8	69.7	76.2	81.6	85.0	86.8	87.9	85.6
75°	47.2	52.5	59.5	70.0	80.1	89.6	96.4	100.9	104.7	107.9	105.4
72.5°	41.5	46.7	55.2	68.1	81.5	93.2	103.3	111.8	118.7	124.0	119.6
70°	33.8	37.6	45.6	57.7	70.4	83.7	98.0	112.9	128.2	138.1	130.2
67.5°	27.7	29.8	35.9	45.2	56.4	69.0	83.6	100.4	116.8	132.6	129.7
65°	23.7	25.3	29.5	35.8	43.8	53.5	64.8	78.8	96.1	114.0	115.6
62.5°	21.1	22.3	25.1	29.1	34.1	40.4	49.1	60.8	74.3	85.5	91.3
60°	20.6	20.9	23.0	25.4	28.0	31.9	39.3	47.4	56.4	65.9	70.9
57.5°	22.8	23.2	24.5	25.5	26.2	29.1	33.6	38.9	47.0	53.0	56.6
55°	27.5	29.2	30.3	30.3	29.7	31.0	32.1	34.9	40.9	46.6	51.7
52.5°	31.4	34.7	37.5	39.4	39.5	38.2	35.8	36.7	40.0	45.7	50.4
50°	40.9	44.7	46.3	46.6	50.7	50.8	47.8	44.0	49.5	52.1	52.3
47.5°	64.9	69.1	65.2	63.9	71.2	69.2	66.3	66.0	72.5	67.3	65.1
45°	121.4	121.3	111.0	114.2	112.0	108.5	96.7	106.9	108.7	102.8	84.9
42.5°	220.5	210.6	197.8	201.6	197.0	181.1	161.1	166.3	163.0	150.0	139.4
40°	359.8	335.0	323.3	319.6	311.2	288.6	269.7	242.6	233.7	214.0	210.7
37.5°	530.9	493.2	482.2	460.4	443.1	438.5	409.0	359.6	316.1	335.0	311.0
35°	742.6	708.3	702.0	646.7	606.8	690.9	612.9	515.0	492.5	538.6	459.8
32.5°	1083.7	1233.7	1099.0	980.4	1115.4	1134.4	989.2	756.0	870.9	868.6	725.7
30°	2312.4	2341.1	2162.3	1832.8	2030.3	1983.4	1561.2	1505.3	1472.4	1317.7	1077.4
27.5°	4467.0	4002.7	3739.1	3561.1	3277.6	3123.8	2785.2	2435.5	2239.7	1956.5	1578.4
25°	7098.3	6446.7	5862.3	5491.9	5004.3	4510.3	4109.9	3616.1	3192.4	2738.5	2208.1
22.5°	9937.3	9168.7	8363.8	7616.1	6936.8	6249.0	5541.9	4837.2	4236.7	3646.5	2971.5
20°	12956.6	12004.9	10928.6	9995.8	9063.3	8090.4	7111.8	6261.3	5482.1	4647.7	3793.3
17.5°	16512.9	15107.2	13774.4	12565.9	11318.1	10075.7	9052.5	7982.8	6848.0	5702.0	4646.7
15°	20350.5	18645.4	16996.3	15364.2	13803.5	12447.5	11166.3	9805.3	8341.4	6871.5	5616.7
12.5°	24411.4	22268.8	20216.5	18324.0	16595.9	14943.7	13348.8	11713.0	9937.8	8194.7	6754.0
10°	28365.1	25855.9	23560.0	21380.7	19355.8	17438.7	15445.4	13466.0	11458.0	9499.3	7852.0
7.5°	32019.3	29300.8	26728.0	24141.2	21658.3	19446.5	17282.5	15108.6	12912.3	10734.9	8903.3
5°	35063.3	31985.5	29033.2	26179.0	23507.8	21267.0	19009.4	16663.5	14281.9	11891.7	9897.8
2.5°	37120.4	33982.0	30975.2	27963.5	25034.5	22730.4	20355.9	17844.5	15238.2	12655.3	10543.6
0°	38606.7	35145.7	31989.6	28891.4	25748.4	23522.1	21178.0	18665.4	15922.8	13258.7	11118.4
-2.5°	38616.5	35115.2	31958.6	28683.4	25595.9	23180.7	20893.7	18460.7	15925.3	13366.5	11249.6
-5°	38080.5	34628.6	31475.6	28279.0	25189.9	22745.4	20503.2	18178.1	15810.7	13378.5	11302.4
-7.5°	37262.7	33902.5	30745.7	27567.0	24571.0	22187.4	20023.2	17844.2	15602.6	13307.9	11283.6
-10°	36137.4	32944.6	29901.6	26747.1	23865.5	21507.5	19455.8	17430.5	15307.1	13142.3	11193.3
-12.5°	34679.5	31631.1	28802.0	25782.1	23055.8	20865.9	18867.1	16941.8	14941.2	12885.0	11034.8
-15°	32709.2	30061.2	27413.2	24676.2	22163.2	20109.9	18193.0	16316.0	14342.1	12443.5	10811.8
-17.5°	30594.7	28276.3	25911.1	23290.6	21031.0	19228.9	17412.7	15533.0	13583.1	11721.0	10223.9
-20°	28103.3	25987.9	23992.9	21722.9	19561.2	17829.6	16335.0	14623.6	12671.6	10938.0	9518.6



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	25160.3	23349.5	21517.1	19617.8	17849.8	16245.7	14791.4	13314.5	11603.9	10035.2	8746.1
-25°	22140.5	20552.3	18910.8	17394.2	15924.6	14476.6	13148.3	11791.3	10438.0	9096.2	7923.5
-27.5°	19198.0	17808.0	16436.9	15223.9	14037.9	12771.9	11515.7	10356.3	9311.7	8237.1	7132.8
-30°	16601.7	15700.5	14497.6	13322.1	12515.1	11400.4	10057.5	9229.0	8397.6	7470.3	6487.8
-32.5°	14950.0	14096.6	13041.3	12107.2	11277.5	10266.8	9253.9	8279.9	7613.0	6815.6	5994.5
-35°	13586.9	12800.3	11952.5	11118.5	10264.9	9410.9	8520.9	7705.4	6945.3	6224.4	5529.6
-37.5°	12275.2	11600.0	10891.4	10142.2	9405.8	8632.7	7862.4	7112.1	6368.0	5723.4	5107.4
-40°	11045.7	10465.1	9886.7	9231.5	8565.6	7885.7	7197.6	6502.4	5858.5	5247.9	4695.8
-42.5°	9906.3	9427.0	8925.0	8343.6	7739.5	7144.0	6530.0	5921.0	5345.8	4809.4	4302.1
-45°	8842.6	8424.8	7967.2	7477.0	6940.7	6415.9	5873.6	5357.1	4856.4	4379.0	3902.8
-47.5°	7852.9	7487.4	7075.3	6649.8	6192.0	5723.7	5282.1	4819.5	4385.7	3948.0	3536.8
-50°	6969.4	6660.1	6298.8	5901.2	5530.3	5135.5	4732.3	4315.1	3934.9	3566.8	3189.4
-52.5°	6251.6	5954.9	5633.4	5288.5	4942.4	4587.5	4215.4	3881.8	3543.2	3215.5	2883.0
-55°	5598.9	5333.2	5047.4	4730.7	4397.8	4110.3	3806.2	3496.4	3193.3	2888.3	2614.9
-57.5°	5054.0	4801.7	4533.2	4254.7	3966.9	3693.2	3418.8	3136.8	2873.9	2620.7	2366.8
-60°	4549.3	4312.4	4072.8	3820.4	3554.9	3294.6	3073.1	2839.4	2593.6	2378.3	2162.1
-62.5°	4092.2	3877.3	3654.4	3435.8	3214.1	2993.9	2783.5	2577.6	2369.0	2164.0	1979.8
-65°	3685.9	3503.0	3306.7	3107.5	2911.1	2718.6	2528.1	2342.2	2165.0	1993.0	1813.9
-67.5°	3282.8	3121.5	2952.0	2780.5	2613.4	2451.6	2287.8	2126.2	1963.9	1805.5	1638.4
-70°	2860.1	2726.7	2589.0	2449.0	2308.3	2169.0	2024.3	1878.4	1737.1	1597.2	1449.2
-72.5°	2415.9	2306.3	2193.1	2078.6	1966.2	1853.2	1732.3	1605.9	1483.8	1366.5	1245.4
-75°	1956.9	1866.3	1774.4	1685.6	1596.9	1509.1	1416.9	1316.4	1218.3	1123.0	1025.8
-77.5°	1491.2	1419.0	1347.8	1285.5	1223.1	1161.2	1096.0	1019.6	944.3	870.2	794.5
-80°	1032.0	986.2	940.8	902.4	862.0	819.7	773.9	718.7	663.9	613.1	564.8
-82.5°	630.5	607.4	583.0	560.6	536.8	511.6	484.8	453.0	421.3	389.7	357.8
-85°	315.6	305.0	293.8	284.6	274.7	263.9	252.2	238.0	223.0	207.2	190.7
-87.5°	115.8	111.6	107.4	104.3	101.0	97.6	94.1	89.0	83.9	78.8	73.7
-90°	4.7	5.1	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	16.4	15.9	15.5	15.0	14.5	14.1	13.6	13.1	12.6	12.2	11.7
87.5°	9.9	11.4	12.7	13.9	13.3	12.6	12.0	11.4	11.4	11.3	11.2
85°	18.3	18.9	19.7	20.6	19.4	17.7	16.5	15.4	15.4	15.2	14.8
82.5°	31.3	29.7	28.8	28.2	27.7	26.7	25.0	22.7	20.3	19.0	18.5
80°	55.1	49.1	43.8	39.3	36.8	35.7	34.4	31.8	26.6	23.0	21.0
77.5°	76.6	68.3	60.8	53.4	47.0	42.6	40.2	38.8	32.7	26.8	22.9
75°	95.6	84.9	74.8	65.3	56.2	48.9	43.6	39.9	34.9	30.0	24.5
72.5°	108.2	97.3	86.9	75.8	64.0	54.3	46.6	41.0	35.9	30.8	25.7
70°	117.9	107.2	96.2	83.5	70.8	59.0	49.3	42.6	36.8	31.6	26.4
67.5°	124.4	111.5	100.6	89.8	76.7	63.8	51.6	44.2	38.2	32.3	27.0
65°	111.6	107.3	102.0	90.7	79.8	68.2	55.2	46.3	39.6	33.5	27.5
62.5°	95.0	95.6	92.3	88.8	80.0	69.2	58.6	49.8	41.2	34.6	28.3
60°	74.4	78.8	81.7	80.5	76.7	68.9	59.9	53.0	44.0	35.6	29.2
57.5°	61.6	63.3	67.9	71.3	70.2	65.9	60.6	54.5	46.6	37.6	30.2
55°	53.3	56.0	57.8	60.5	63.0	60.9	60.1	55.4	48.6	39.6	31.5
52.5°	53.1	54.0	54.4	53.6	54.8	56.7	57.6	56.4	49.6	41.4	33.6
50°	55.3	60.1	56.9	53.2	49.0	52.0	55.3	54.8	50.6	42.9	35.8
47.5°	65.2	72.0	68.0	57.2	50.8	48.1	52.4	53.1	51.5	43.8	38.1
45°	92.1	91.0	85.0	71.7	55.8	51.5	49.9	51.7	50.4	46.1	40.3
42.5°	128.7	123.5	110.3	89.0	77.9	58.7	48.0	50.2	49.4	48.7	42.6
40°	193.0	165.9	143.5	130.2	111.2	68.1	55.0	49.1	48.9	51.3	45.1
37.5°	268.4	227.8	188.8	189.7	156.8	105.9	64.2	48.6	51.8	53.6	47.9
35°	378.4	306.7	282.6	270.4	222.4	150.5	74.5	52.2	55.9	56.5	50.8
32.5°	504.8	460.4	444.2	372.7	299.2	201.6	105.3	67.1	61.2	60.0	53.9
30°	803.0	732.2	656.4	491.2	390.9	273.4	155.8	82.3	67.7	64.1	57.0
27.5°	1283.8	1054.3	917.5	683.5	502.9	355.5	219.0	97.9	75.1	69.1	60.2
25°	1802.7	1480.5	1229.4	926.7	625.4	482.4	290.0	115.3	86.7	75.0	63.7
22.5°	2388.7	1941.3	1574.9	1199.1	819.7	629.8	381.3	170.9	99.9	81.6	67.5
20°	2982.8	2408.8	1967.7	1535.2	1073.0	797.3	496.3	229.9	113.0	88.5	71.4
17.5°	3604.2	3003.1	2504.4	1919.2	1356.8	973.7	620.6	291.0	126.0	95.9	75.5
15°	4554.5	3759.6	3080.6	2338.1	1638.1	1156.5	751.6	353.0	138.6	103.4	83.8
12.5°	5542.1	4530.0	3681.5	2781.4	1914.1	1342.6	886.2	414.7	150.9	119.2	97.6
10°	6504.8	5304.0	4295.6	3237.6	2181.8	1528.9	1020.9	496.1	188.0	141.7	111.5
7.5°	7434.0	6070.4	4910.1	3694.0	2459.4	1773.6	1265.0	622.5	230.0	164.6	125.6
5°	8269.7	6742.9	5490.4	4172.7	2838.1	2075.1	1525.7	748.4	272.5	187.5	139.5
2.5°	8831.5	7255.8	6023.9	4619.8	3199.4	2365.2	1779.0	869.6	314.6	210.1	153.2
0°	9329.9	7719.1	6514.3	5025.1	3539.6	2641.6	2016.8	982.2	355.5	232.0	166.5
-2.5°	9455.9	7833.8	6665.7	5273.0	3826.0	2894.3	2231.6	1156.0	488.0	314.0	218.6
-5°	9515.8	7909.8	6778.8	5480.0	4085.5	3129.8	2420.5	1314.8	615.8	393.7	269.3
-7.5°	9528.6	7970.8	6839.0	5628.9	4316.3	3346.7	2581.4	1456.4	736.4	469.9	317.9
-10°	9484.9	7995.3	6822.5	5590.3	4330.8	3436.1	2688.8	1578.6	847.5	541.4	363.7
-12.5°	9383.4	7963.6	6765.6	5504.2	4279.3	3403.0	2619.4	1624.9	942.9	607.0	406.1
-15°	9227.0	7871.9	6668.4	5369.1	4195.4	3348.2	2540.7	1632.1	1001.3	664.5	444.3
-17.5°	8937.3	7717.1	6531.4	5183.8	4078.0	3270.6	2456.9	1629.5	1051.2	714.0	480.7
-20°	8322.4	7323.7	6343.3	4947.5	3926.3	3169.6	2371.7	1618.2	1092.2	756.9	514.6



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7669.7	6767.3	5842.2	4739.9	3766.3	3044.4	2288.5	1599.4	1124.1	792.6	543.6
-25°	6969.3	6202.0	5315.5	4400.4	3611.3	2914.8	2225.8	1574.0	1146.5	820.7	567.3
-27.5°	6313.6	5632.1	4820.3	4065.5	3392.0	2799.8	2177.2	1590.0	1165.0	840.7	585.4
-30°	5688.3	5097.0	4423.8	3756.6	3169.9	2647.6	2125.4	1596.4	1184.5	857.4	597.6
-32.5°	5237.0	4618.2	4063.7	3504.2	2975.3	2486.8	2025.5	1590.8	1193.1	869.2	607.0
-35°	4879.8	4263.6	3727.5	3254.7	2787.9	2335.9	1907.1	1573.2	1190.6	872.8	611.6
-37.5°	4510.8	3959.5	3460.1	3023.5	2595.1	2178.7	1807.9	1496.4	1176.8	868.0	610.2
-40°	4166.6	3659.9	3210.6	2808.8	2411.9	2015.9	1701.1	1419.4	1160.2	854.8	602.8
-42.5°	3810.1	3369.3	2966.7	2589.8	2228.9	1889.7	1589.9	1337.5	1104.4	837.7	589.3
-45°	3474.1	3075.8	2719.7	2384.5	2048.3	1757.0	1494.2	1253.1	1040.1	815.0	572.5
-47.5°	3132.9	2799.4	2483.9	2176.0	1895.5	1625.1	1393.5	1177.9	972.8	783.7	554.0
-50°	2828.4	2535.9	2259.3	1995.3	1736.8	1509.9	1293.1	1099.2	911.1	728.9	529.9
-52.5°	2568.8	2297.7	2057.7	1822.4	1603.0	1390.0	1203.1	1018.5	846.8	677.4	500.4
-55°	2335.1	2085.4	1872.1	1670.1	1472.4	1285.0	1109.8	944.4	779.9	625.9	466.5
-57.5°	2134.2	1893.9	1709.4	1528.0	1353.6	1183.1	1021.6	867.9	717.1	572.0	435.6
-60°	1945.6	1741.6	1556.7	1399.4	1241.3	1084.8	935.3	791.5	653.7	517.5	397.0
-62.5°	1788.9	1594.5	1423.1	1277.0	1133.5	991.0	848.1	718.0	587.8	466.8	354.4
-65°	1633.3	1458.1	1291.9	1162.2	1029.7	895.1	764.7	642.0	524.0	413.4	312.5
-67.5°	1474.0	1317.5	1173.4	1048.6	921.1	797.0	678.1	565.3	458.5	357.6	275.7
-70°	1305.3	1171.4	1042.9	922.0	806.3	694.5	587.3	486.4	390.3	309.7	237.1
-72.5°	1121.8	1004.6	894.4	789.2	684.5	585.5	492.6	406.7	330.0	260.0	196.8
-75°	925.0	827.0	733.9	644.3	556.1	473.3	400.5	332.8	267.8	208.5	160.3
-77.5°	714.1	637.5	565.2	498.1	430.5	367.8	310.1	256.6	206.5	163.5	124.5
-80°	510.8	457.9	406.3	355.8	305.7	259.9	223.6	188.6	151.8	118.2	87.9
-82.5°	319.7	287.5	257.8	229.2	200.6	173.3	147.3	122.4	96.0	72.1	58.1
-85°	172.1	154.0	136.5	119.7	102.3	85.9	77.7	69.8	60.0	51.0	42.8
-87.5°	70.1	66.4	62.7	59.0	54.4	50.0	45.7	41.5	36.4	31.6	27.3
-90°	6.1	6.6	7.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.2	10.8	10.3	9.9	9.4	8.5	7.5
87.5°	10.9	10.0	9.3	8.7	8.2	7.8	7.5
85°	14.3	12.5	11.1	9.8	8.8	8.1	7.5
82.5°	17.6	15.0	12.8	11.0	9.5	8.4	7.5
80°	20.5	17.5	14.6	12.1	10.1	8.6	7.5
77.5°	20.9	19.1	16.3	13.2	10.7	8.9	7.5
75°	21.2	19.2	17.6	14.3	11.3	9.2	7.5
72.5°	21.5	19.2	17.5	15.3	12.0	9.5	7.5
70°	21.8	19.3	17.4	16.1	12.5	9.7	7.5
67.5°	22.5	19.2	17.2	15.9	13.1	10.0	7.5
65°	23.3	19.5	17.0	15.7	13.7	10.2	7.5
62.5°	24.0	20.2	16.8	15.4	14.2	10.5	7.5
60°	24.6	20.8	16.6	15.2	14.7	10.7	7.5
57.5°	25.8	21.4	17.1	14.9	14.6	10.9	7.5
55°	27.0	22.0	17.6	14.6	14.5	11.2	7.5
52.5°	28.2	22.6	18.0	14.3	14.4	11.4	7.5
50°	29.4	23.7	18.5	13.9	14.4	11.6	7.5
47.5°	30.7	24.7	18.9	13.7	14.4	11.8	7.5
45°	32.6	25.8	19.4	14.1	14.3	11.9	7.5
42.5°	34.5	26.8	19.7	14.3	14.3	12.1	7.5
40°	36.4	27.8	20.3	14.9	14.4	12.3	7.5
37.5°	38.2	28.7	21.0	15.7	14.4	12.4	7.5
35°	40.0	30.0	21.7	16.5	14.5	12.5	7.5
32.5°	41.9	31.3	22.4	17.3	14.6	12.7	7.5
30°	44.3	32.6	23.0	18.2	14.7	12.8	7.5
27.5°	46.7	33.9	24.9	19.1	14.8	12.9	7.5
25°	49.1	35.0	27.0	19.9	15.0	12.9	7.5
22.5°	51.5	37.1	29.1	20.8	15.1	13.0	7.5
20°	53.9	41.8	31.3	21.7	15.3	13.1	7.5
17.5°	60.2	46.7	33.6	22.6	15.5	13.1	7.5
15°	69.0	51.8	35.9	23.5	15.7	13.1	7.5
12.5°	77.9	57.0	38.1	24.4	15.9	13.2	7.5
10°	87.0	62.3	40.4	25.2	16.1	13.2	7.5
7.5°	95.9	67.5	42.6	26.0	16.3	13.2	7.5
5°	104.8	72.6	44.7	26.7	16.5	13.2	7.5
2.5°	113.4	77.6	46.7	27.5	16.6	13.1	7.5
0°	121.6	82.3	48.6	28.1	16.8	13.1	7.5
-2.5°	153.1	99.9	58.1	32.2	18.0	13.3	7.5
-5°	183.8	117.0	67.3	36.3	19.2	13.6	7.5
-7.5°	213.1	133.4	76.1	40.2	20.4	13.8	7.5
-10°	240.7	148.9	84.5	43.8	21.5	14.0	7.5
-12.5°	266.2	163.2	92.2	47.2	22.5	14.2	7.5
-15°	289.2	176.2	99.3	50.3	23.5	14.3	7.5
-17.5°	309.3	187.7	105.6	53.1	24.5	14.5	7.5
-20°	329.0	197.6	111.0	55.5	25.3	14.6	7.5



REPORT NUMBER: P1305614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	349.9	205.8	115.5	57.5	26.0	14.7	7.5
-25°	367.3	216.3	118.9	59.0	26.7	14.8	7.5
-27.5°	380.8	226.5	121.3	60.1	27.2	14.8	7.5
-30°	390.3	234.1	122.8	60.6	27.6	14.8	7.5
-32.5°	395.7	239.0	126.6	60.7	27.9	14.8	7.5
-35°	400.0	241.3	128.9	60.2	28.1	14.8	7.5
-37.5°	401.6	241.9	129.6	59.1	28.1	14.8	7.5
-40°	399.0	242.0	128.8	57.5	28.1	14.7	7.5
-42.5°	392.2	239.6	127.6	55.9	27.8	14.6	7.5
-45°	381.3	234.6	126.4	54.9	27.5	14.5	7.5
-47.5°	366.2	227.2	123.8	53.1	27.0	14.3	7.5
-50°	352.3	217.3	119.9	52.6	26.4	14.1	7.5
-52.5°	335.6	204.9	114.7	52.1	25.7	13.9	7.5
-55°	315.5	194.5	108.3	50.9	24.8	13.7	7.5
-57.5°	292.2	182.9	100.6	49.1	23.9	13.4	7.5
-60°	266.6	169.4	92.0	46.7	22.8	13.1	7.5
-62.5°	245.0	154.3	85.9	43.8	22.0	12.8	7.5
-65°	221.1	137.5	78.7	40.4	21.1	12.5	7.5
-67.5°	195.0	121.5	70.7	36.5	20.1	12.2	7.5
-70°	166.9	106.6	61.8	32.2	19.1	11.8	7.5
-72.5°	141.9	90.4	52.2	29.4	18.0	11.4	7.5
-75°	116.1	73.3	42.0	26.9	16.9	11.0	7.5
-77.5°	88.9	55.2	36.2	24.3	15.7	10.6	7.5
-80°	60.7	43.7	31.3	21.5	14.5	10.2	7.5
-82.5°	47.1	35.7	26.2	18.7	13.2	9.8	7.5
-85°	35.3	27.5	21.0	15.8	12.0	9.3	7.5
-87.5°	23.3	19.1	15.6	12.8	10.7	8.9	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)