

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: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-80-7F-CV1-A**

Issue Date: 2/3/2026

**Test Information**

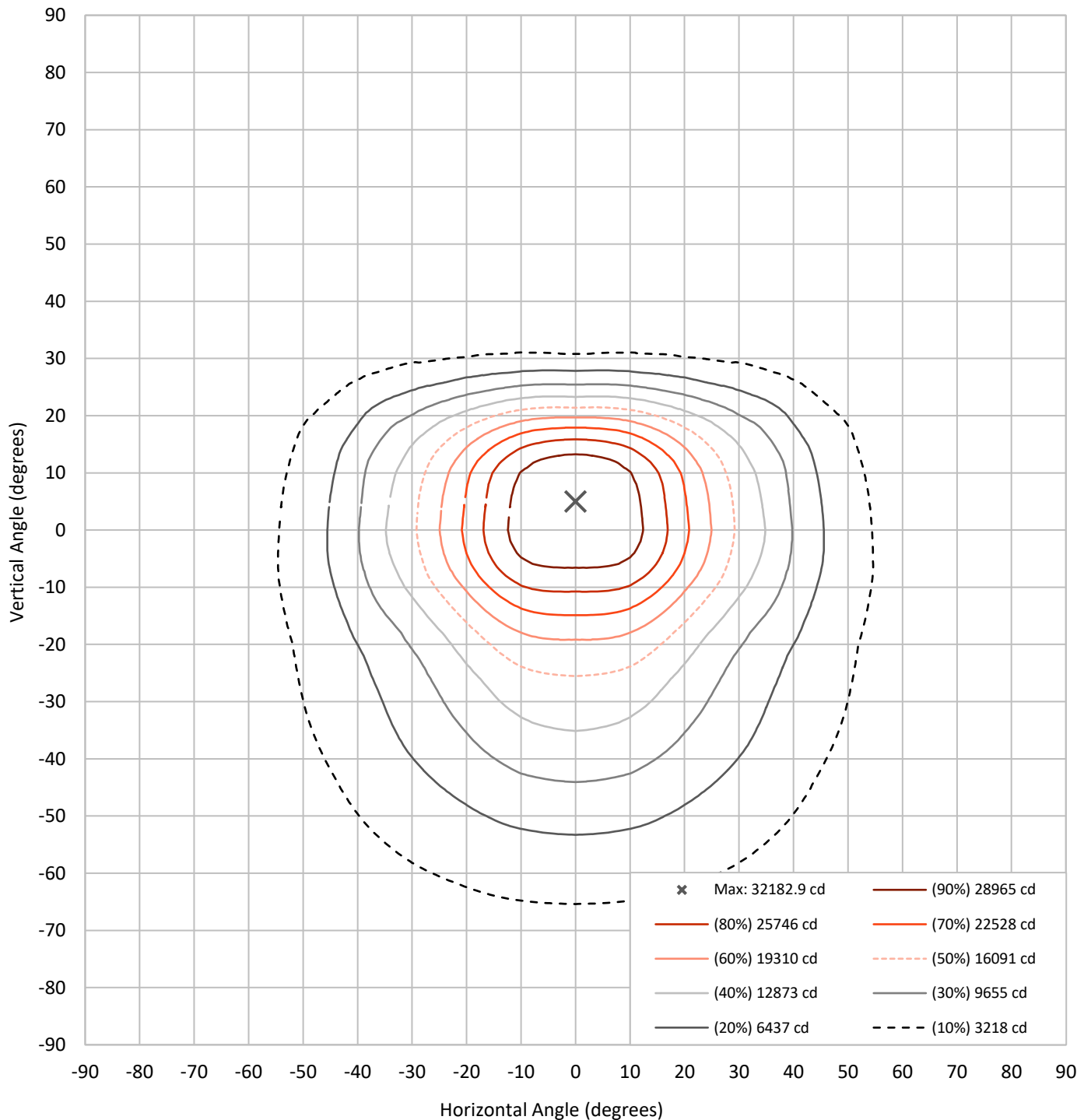
Test Method: LM-79-08  
Report Number: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-320L-40-80-7F-CV1-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	31533.8 lumens	Max Intensity:	32182.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	15167.1 lumens	Field Lumens:	29232.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	334		
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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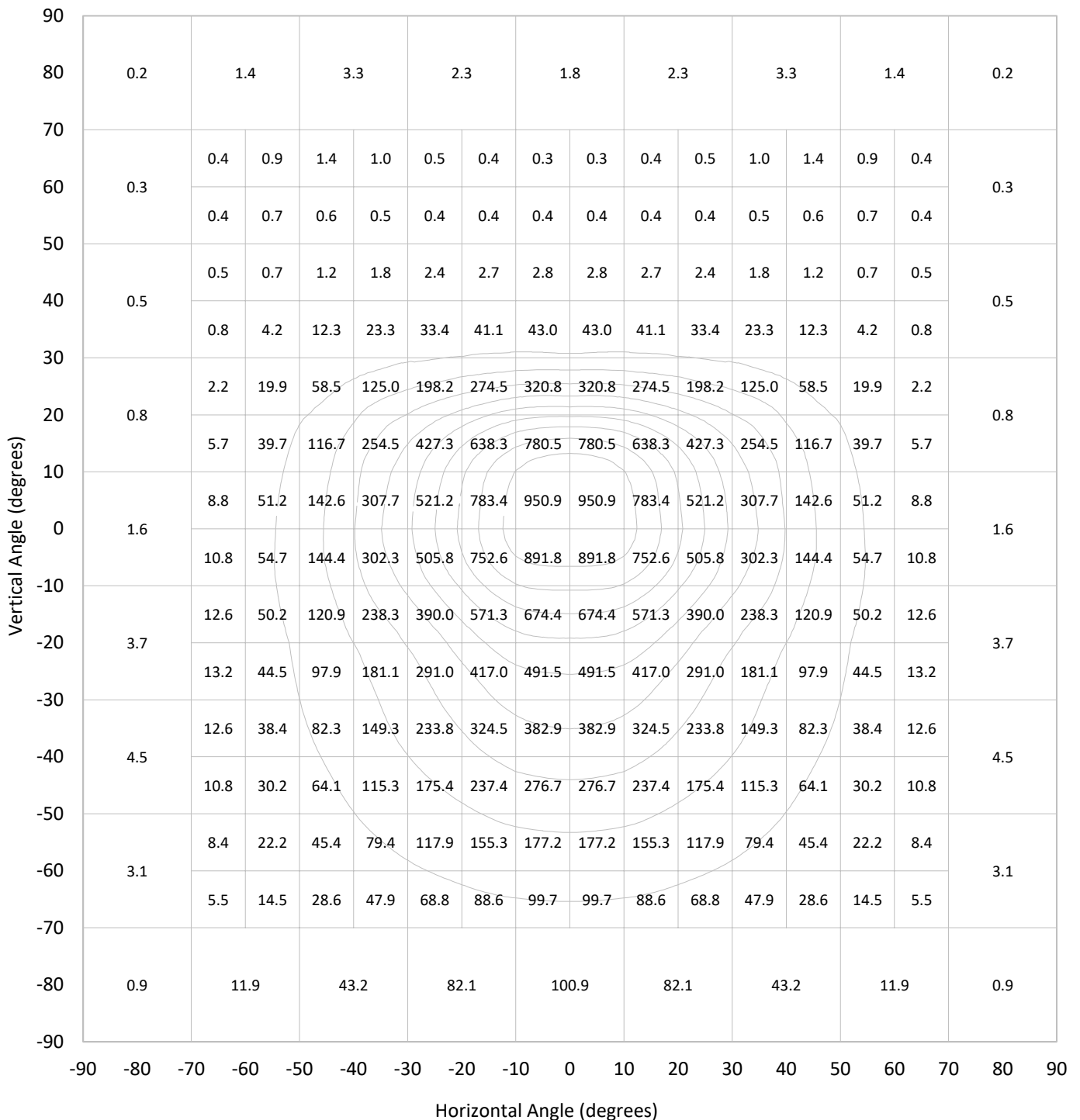
### Iso-Candela Plot





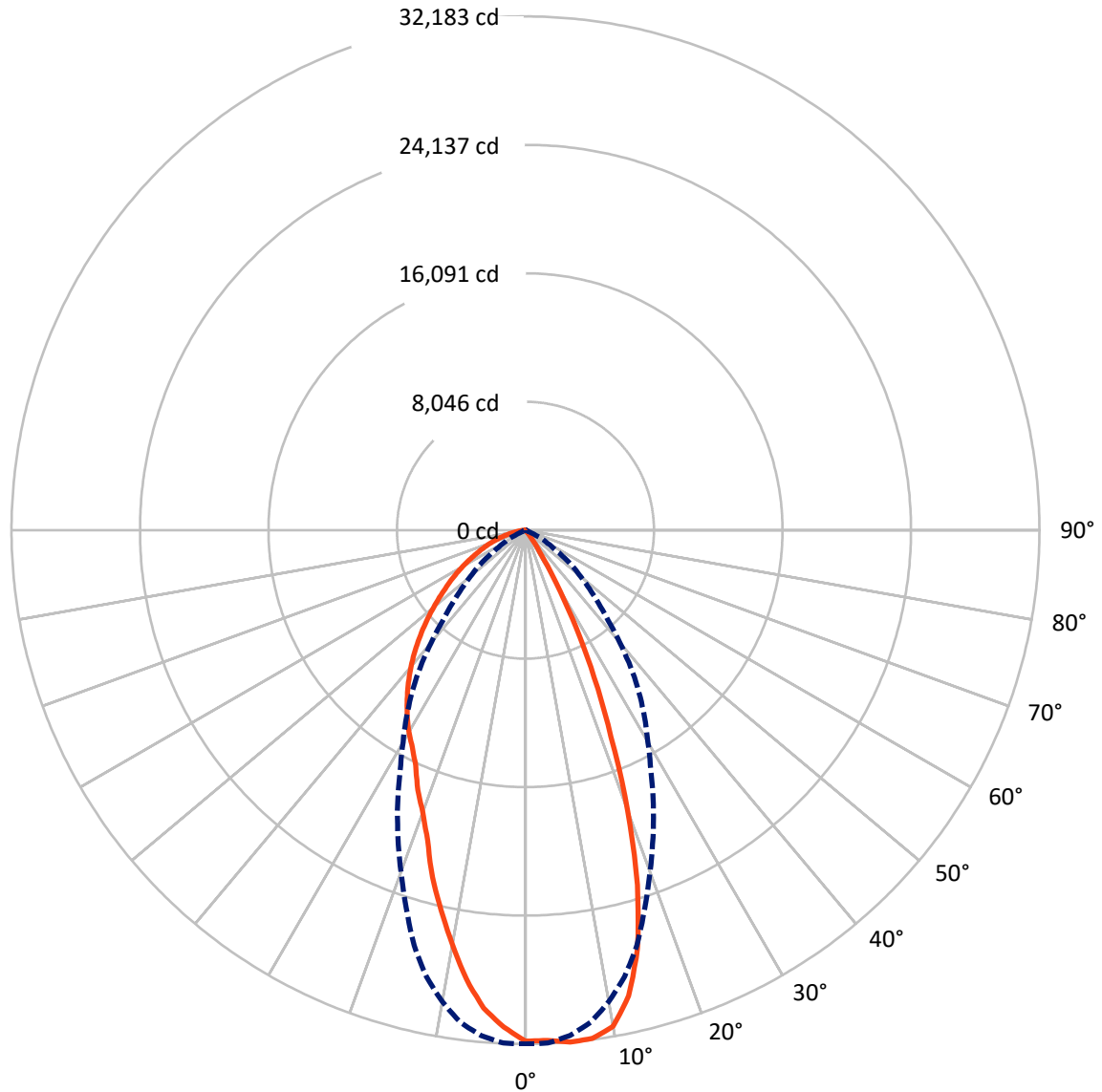
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### Lumen Table



REPORT NUMBER: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
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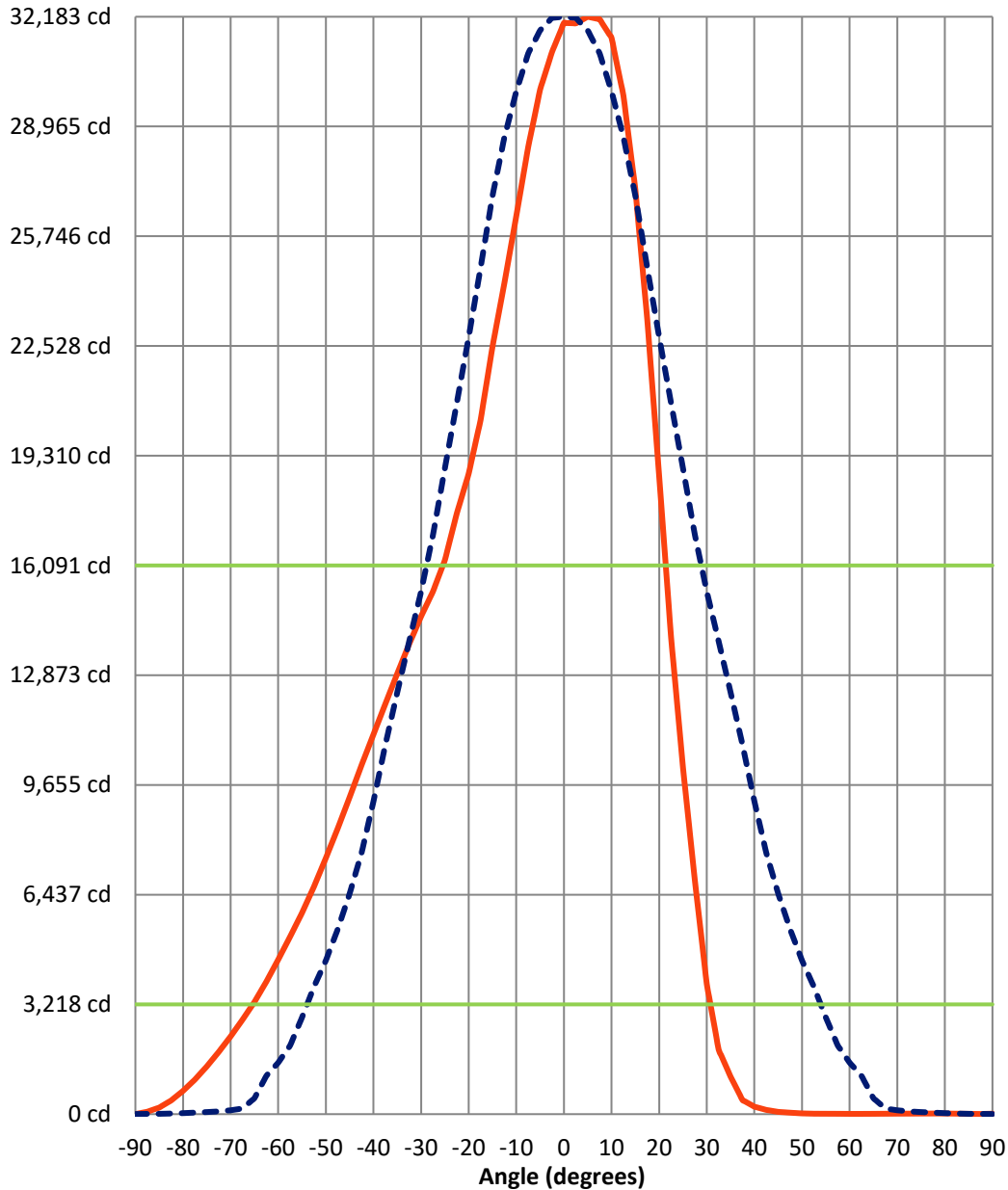
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 57.7°  
 V Angle: 46.8°  
 Lumens: 15167.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 107.9°  
 V Angle: 96.1°  
 Lumens: 29232.8  
 Efficiency: 92.7%

**Spill:**  
 Lumens: 2301  
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 5-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°	4.4	5.0	5.5	5.8	6.1	6.3	6.6	6.9	7.2	7.4	7.7
87.5°	4.4	5.1	5.9	5.9	6.1	6.3	6.7	6.6	6.5	6.3	6.1
85°	4.4	5.3	6.3	6.7	7.2	8.0	8.9	9.1	9.1	9.1	8.9
82.5°	4.4	5.4	6.6	7.4	8.4	9.6	11.2	11.6	11.8	12.4	13.7
80°	4.4	5.6	7.0	8.1	9.5	11.3	13.2	13.4	14.5	16.6	19.6
77.5°	4.4	5.8	7.4	8.8	10.6	12.4	13.7	14.9	17.1	20.6	24.1
75°	4.4	5.9	7.7	9.4	11.5	12.6	14.1	16.1	19.4	22.1	24.8
72.5°	4.4	6.1	8.1	10.1	11.5	12.8	14.5	17.1	19.9	22.6	25.4
70°	4.4	6.2	8.4	10.6	11.5	12.9	14.9	17.5	20.4	23.2	26.7
67.5°	4.4	6.4	8.7	10.5	11.5	13.0	15.3	17.9	20.8	24.5	28.2
65°	4.4	6.5	9.0	10.4	11.4	13.3	15.8	18.3	21.9	25.8	29.8
62.5°	4.4	6.6	9.3	10.2	11.3	13.7	16.2	19.0	23.0	27.0	31.7
60°	4.4	6.8	9.6	10.1	11.2	14.2	16.7	19.9	24.0	28.5	33.5
57.5°	4.4	6.9	9.5	9.9	11.6	14.6	17.5	20.8	25.1	29.8	34.4
55°	4.4	7.0	9.4	9.8	12.0	15.1	18.4	21.8	26.0	30.9	34.9
52.5°	4.4	7.1	9.4	9.6	12.4	15.5	19.3	22.9	26.8	31.4	35.4
50°	4.4	7.2	9.3	9.4	12.7	16.3	20.2	24.1	27.5	32.0	35.6
47.5°	4.4	7.3	9.2	9.3	13.1	16.9	21.0	25.4	28.0	32.6	36.2
45°	4.4	7.4	9.2	9.5	13.4	17.6	22.3	26.8	29.6	33.8	37.4
42.5°	4.4	7.5	9.2	9.8	13.8	18.3	23.5	28.3	31.5	35.3	39.2
40°	4.4	7.6	9.2	10.2	14.2	18.9	24.9	30.1	33.8	37.4	41.7
37.5°	4.4	7.6	9.2	10.7	14.6	19.4	26.3	32.1	36.8	41.0	44.7
35°	4.4	7.7	9.2	11.2	15.0	20.3	27.7	34.1	40.0	45.4	49.1
32.5°	4.4	7.7	9.2	11.8	15.4	21.4	29.2	36.3	43.3	50.3	57.2
30°	4.4	7.8	9.2	12.4	15.8	22.5	30.9	38.7	46.7	55.7	66.6
27.5°	4.4	7.8	9.2	12.9	16.9	23.5	32.6	41.5	50.6	61.6	77.1
25°	4.4	7.8	9.3	13.5	18.2	24.6	34.4	44.3	55.3	69.4	89.8
22.5°	4.4	7.9	9.3	14.1	19.6	26.1	36.2	47.1	60.2	78.6	131.7
20°	4.4	7.9	9.4	14.7	21.0	28.9	37.9	49.9	65.2	88.2	178.7
17.5°	4.4	7.9	9.5	15.3	22.4	31.7	41.2	52.6	70.3	98.1	229.6
15°	4.4	7.9	9.5	15.9	23.8	34.6	45.3	56.8	75.4	108.1	283.2
12.5°	4.4	7.9	9.6	16.4	25.3	37.5	49.4	62.8	83.3	118.1	338.0
10°	4.4	7.8	9.7	17.0	26.7	40.3	53.4	68.8	93.5	133.6	389.7
7.5°	4.4	7.8	9.7	17.5	28.1	43.1	57.4	74.7	103.7	149.6	431.7
5°	4.4	7.8	9.7	17.5	28.1	43.1	57.4	74.7	103.7	149.6	431.7
2.5°	4.4	7.7	9.8	18.4	30.8	48.3	64.9	86.1	123.3	180.1	499.3
0°	4.4	7.7	9.9	18.8	32.0	50.7	68.4	91.5	132.4	194.1	523.9
-2.5°	4.4	7.8	10.7	21.1	37.2	60.6	85.5	120.3	177.3	259.6	592.3
-5°	4.4	8.0	11.4	23.3	42.2	70.2	102.3	148.4	220.9	323.1	654.0
-7.5°	4.4	8.1	12.2	25.4	47.0	79.4	118.3	175.3	262.5	383.5	709.0
-10°	4.4	8.2	12.9	27.4	51.5	88.1	133.6	200.6	301.5	440.1	757.2
-12.5°	4.4	8.3	13.5	29.2	55.7	96.1	147.7	224.0	337.3	491.8	802.3
-15°	4.4	8.4	14.1	30.9	59.5	103.4	160.7	245.0	371.2	538.4	840.8
-17.5°	4.4	8.5	14.7	32.4	62.9	109.8	172.2	267.5	403.9	579.7	870.6
-20°	4.4	8.6	15.2	33.7	65.8	115.2	184.7	290.5	432.7	615.1	891.4



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 CATALOG NUMBER: EPH-08-320L-40-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	8.6	15.7	34.7	68.1	119.6	199.7	310.5	457.3	644.1	902.9
-25°	4.4	8.7	16.1	35.6	69.9	126.4	212.5	327.3	477.5	666.4	904.8
-27.5°	4.4	8.7	16.4	36.1	71.1	133.2	223.0	340.7	493.1	684.0	926.3
-30°	4.4	8.7	16.7	36.4	71.9	138.5	230.8	350.6	506.3	699.6	939.8
-32.5°	4.4	8.7	16.9	36.4	74.6	142.2	236.1	358.9	516.3	708.9	943.9
-35°	4.4	8.7	17.0	36.1	76.4	144.3	239.9	364.2	521.2	711.7	938.4
-37.5°	4.4	8.7	17.0	35.5	77.2	145.2	241.6	365.7	521.1	707.9	910.7
-40°	4.4	8.6	16.9	34.7	77.0	145.8	240.9	363.2	515.7	701.4	881.4
-42.5°	4.4	8.6	16.8	33.9	76.6	144.7	237.7	356.7	507.6	677.5	846.6
-45°	4.4	8.5	16.5	33.5	76.1	142.1	231.9	347.8	495.4	647.4	807.4
-47.5°	4.4	8.4	16.2	32.6	74.8	137.8	223.6	337.6	477.7	613.2	768.4
-50°	4.4	8.3	15.8	32.3	72.7	132.0	215.5	324.0	448.2	578.9	724.4
-52.5°	4.4	8.2	15.3	32.0	69.8	124.7	205.5	307.0	419.4	540.8	676.1
-55°	4.4	8.0	14.8	31.3	66.1	118.5	193.3	287.4	389.2	498.9	627.6
-57.5°	4.4	7.9	14.1	30.2	61.7	111.7	179.0	268.4	356.2	458.1	574.8
-60°	4.4	7.7	13.4	28.8	56.6	103.7	163.3	244.5	321.6	415.4	520.1
-62.5°	4.4	7.5	12.9	27.1	53.0	94.5	150.2	217.9	289.3	369.5	466.0
-65°	4.4	7.3	12.4	25.1	48.9	84.4	135.7	191.8	255.1	327.0	408.3
-67.5°	4.4	7.1	11.8	22.8	44.3	75.0	119.8	169.2	219.0	283.8	354.5
-70°	4.4	6.9	11.2	20.3	39.2	66.5	102.6	145.5	189.7	238.6	301.2
-72.5°	4.4	6.7	10.6	18.6	33.7	57.3	88.3	120.9	159.4	201.8	248.2
-75°	4.4	6.5	9.9	17.0	27.8	47.5	73.6	99.4	127.9	164.0	203.3
-77.5°	4.4	6.2	9.2	15.3	24.0	37.2	58.2	78.7	101.4	126.9	157.1
-80°	4.4	6.0	8.5	13.5	20.6	29.9	42.2	57.5	74.7	94.3	116.0
-82.5°	4.4	5.7	7.8	11.6	17.1	24.2	32.8	39.5	47.5	61.0	76.1
-85°	4.4	5.5	7.0	9.7	13.5	18.3	24.2	28.7	33.5	38.6	43.9
-87.5°	4.4	5.2	6.3	7.7	9.8	12.3	15.4	17.8	20.3	23.0	25.9
-90°	4.4	5.0	5.5	5.2	5.0	4.7	4.4	4.1	3.9	3.6	3.3



REPORT NUMBER: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-40-80-7F-CV1-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	8.0	8.3	8.5	8.8	9.4	9.9	10.5
87.5°	6.5	6.9	7.3	7.7	7.2	6.5	5.7	4.9	5.1	5.4	5.7
85°	9.6	10.4	11.4	12.1	11.6	11.1	10.8	10.5	11.1	11.6	12.0
82.5°	15.1	16.0	16.5	16.7	17.0	17.5	18.4	20.4	21.6	22.5	23.0
80°	21.0	21.7	22.1	23.6	26.2	29.3	32.7	36.5	37.7	37.8	37.4
77.5°	24.7	26.0	28.6	32.4	36.8	41.1	45.9	51.1	52.7	52.2	51.2
75°	26.8	29.9	34.5	40.0	45.8	51.6	57.9	63.8	65.5	63.6	61.2
72.5°	28.8	33.6	39.7	46.9	53.2	59.2	66.0	73.4	75.9	72.2	67.8
70°	30.9	36.9	43.8	51.0	58.2	65.1	71.6	78.7	82.8	77.0	68.1
67.5°	32.7	39.7	47.0	54.4	60.9	67.6	75.0	78.0	79.9	70.4	60.3
65°	34.7	42.1	48.8	55.4	62.3	65.1	67.4	70.0	69.6	58.8	48.1
62.5°	36.8	42.9	49.3	54.4	56.1	57.7	57.7	56.1	53.4	46.0	36.7
60°	37.5	42.8	47.2	48.9	49.3	47.7	45.6	43.6	40.3	34.1	27.8
57.5°	37.9	40.8	42.8	43.3	41.4	38.3	36.9	33.6	30.8	27.2	22.0
55°	37.7	37.4	38.6	37.5	35.3	32.7	30.2	28.0	24.6	23.5	21.2
52.5°	36.8	35.1	34.5	33.4	31.9	29.3	26.7	25.0	24.2	22.8	20.9
50°	36.4	34.2	31.6	31.5	30.3	28.4	25.7	25.4	25.4	24.2	22.0
47.5°	36.9	34.3	31.0	31.0	31.2	31.9	29.6	28.6	28.9	32.2	28.7
45°	38.1	36.7	33.2	33.1	36.2	40.4	44.0	33.9	44.1	49.2	53.2
42.5°	40.1	40.7	42.5	36.2	47.9	62.6	69.7	73.3	69.6	85.7	102.2
40°	44.5	46.1	58.4	63.2	68.2	98.7	141.0	150.9	114.7	159.5	187.1
37.5°	50.0	65.6	87.0	112.9	110.5	174.2	240.5	291.3	286.3	270.7	387.6
35°	56.3	89.6	147.3	205.0	230.3	290.7	412.9	501.4	554.1	585.8	682.1
32.5°	73.6	118.0	222.8	345.4	450.9	510.7	626.2	820.2	1003.7	1113.3	1112.2
30°	104.0	188.0	329.2	517.6	722.8	891.1	986.5	1235.8	1585.6	1834.5	2000.3
27.5°	149.0	273.1	493.5	766.4	1053.8	1339.6	1530.0	1853.9	2324.7	2703.9	3058.1
25°	203.9	408.2	678.5	1062.2	1484.9	1847.9	2121.8	2572.1	3168.6	3763.4	4356.0
22.5°	291.3	565.2	883.9	1385.7	1960.7	2373.2	2775.5	3324.4	4014.3	4849.3	5752.9
20°	413.2	747.8	1103.1	1639.5	2436.5	2908.0	3401.9	4057.0	4861.6	5876.5	7082.9
17.5°	544.9	920.3	1318.1	1916.0	2693.7	3347.0	4010.3	4756.8	5658.6	6835.9	8135.4
15°	683.4	1082.5	1510.2	2163.0	2934.4	3640.3	4425.1	5396.0	6459.4	7732.7	9092.0
12.5°	825.5	1234.3	1680.4	2380.5	3164.3	3906.0	4743.0	5752.8	6989.9	8483.4	9910.4
10°	967.5	1375.8	1829.9	2569.0	3379.9	4143.6	5016.0	6049.2	7307.8	8804.1	10346.6
7.5°	1054.6	1469.2	1952.2	2729.0	3577.6	4352.5	5245.2	6287.3	7528.0	9033.4	10623.1
5°	1120.4	1511.1	2015.8	2838.1	3734.0	4507.3	5424.0	6469.7	7660.6	9173.2	10833.1
2.5°	1171.7	1542.0	2066.5	2919.2	3852.1	4591.5	5530.5	6586.5	7798.7	9346.8	11045.2
0°	1207.8	1562.9	2103.4	2974.8	3941.0	4645.8	5599.9	6656.5	7895.2	9497.8	11233.9
-2.5°	1242.9	1627.5	2178.3	3045.7	3953.8	4653.9	5626.3	6659.4	7895.1	9468.5	11155.7
-5°	1265.0	1681.4	2237.5	3090.3	3940.7	4637.2	5611.7	6619.4	7809.1	9296.9	10865.8
-7.5°	1276.4	1722.5	2280.2	3097.1	3872.6	4539.4	5436.3	6383.6	7525.1	8919.2	10365.9
-10°	1282.5	1747.3	2275.7	3003.8	3731.2	4382.1	5202.1	6109.6	7184.9	8481.3	9819.8
-12.5°	1299.3	1760.7	2255.1	2902.1	3577.7	4204.3	4942.3	5801.7	6790.3	7991.6	9219.7
-15°	1308.5	1767.5	2226.4	2797.0	3416.4	4007.4	4661.2	5462.9	6362.9	7437.5	8527.0
-17.5°	1311.0	1768.8	2191.5	2693.6	3251.0	3792.8	4384.5	5172.6	5992.0	6920.0	7849.2
-20°	1308.2	1765.5	2151.9	2596.2	3088.5	3636.8	4234.2	4921.7	5655.3	6439.9	7214.1



REPORT NUMBER: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-40-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1300.9	1758.5	2118.6	2527.2	3010.5	3534.6	4084.2	4679.1	5310.3	5991.6	6776.8
-25°	1297.3	1733.3	2096.3	2478.3	2935.0	3427.2	3926.5	4455.0	5005.3	5718.8	6467.6
-27.5°	1291.6	1706.6	2052.5	2410.5	2847.7	3318.6	3786.9	4269.3	4834.3	5475.3	6170.2
-30°	1274.6	1642.1	1992.9	2331.0	2755.2	3208.9	3656.1	4114.7	4649.3	5253.7	5898.3
-32.5°	1226.6	1568.9	1913.8	2253.4	2643.9	3088.7	3521.1	3965.8	4461.7	5003.3	5623.4
-35°	1172.9	1493.4	1825.1	2157.2	2513.9	2942.9	3363.6	3793.4	4253.8	4761.9	5340.1
-37.5°	1133.9	1412.3	1730.0	2048.8	2391.2	2772.3	3184.9	3598.6	4034.4	4518.6	5065.4
-40°	1087.4	1325.8	1633.6	1938.7	2250.4	2601.8	2987.2	3384.2	3793.4	4276.2	4777.4
-42.5°	1035.4	1265.6	1533.7	1821.9	2115.9	2435.3	2779.3	3157.0	3567.5	4016.7	4487.3
-45°	990.4	1198.0	1433.7	1703.5	1976.5	2265.9	2584.9	2922.7	3328.2	3746.0	4183.0
-47.5°	939.4	1127.3	1349.0	1578.2	1835.4	2102.2	2384.4	2713.4	3073.6	3464.9	3865.8
-50°	884.1	1063.3	1252.4	1465.5	1693.4	1937.7	2195.2	2495.4	2824.2	3173.9	3542.7
-52.5°	828.6	992.7	1166.7	1352.2	1559.2	1778.7	2017.3	2284.6	2575.6	2882.0	3207.5
-55°	767.7	920.9	1079.3	1247.5	1428.1	1627.2	1840.6	2079.6	2329.7	2607.5	2881.2
-57.5°	705.1	843.7	989.8	1145.5	1307.8	1477.2	1670.5	1872.9	2099.0	2336.4	2578.0
-60°	639.8	763.9	896.3	1039.5	1190.3	1342.9	1499.5	1678.9	1870.7	2068.0	2283.9
-62.5°	571.2	682.7	801.0	928.1	1066.1	1204.1	1344.5	1492.9	1648.4	1825.6	2005.7
-65°	503.3	599.3	704.7	817.7	935.9	1059.9	1185.8	1312.9	1448.9	1594.9	1746.6
-67.5°	431.7	518.4	609.0	705.0	809.9	915.2	1025.1	1140.0	1255.6	1373.8	1498.4
-70°	367.2	436.0	515.0	598.7	683.5	769.7	864.7	963.3	1064.1	1164.6	1268.1
-72.5°	302.3	361.4	424.5	491.4	562.6	633.5	707.7	784.6	866.4	951.1	1037.1
-75°	243.2	285.1	336.8	392.6	447.0	500.4	556.0	618.5	683.3	748.6	813.8
-77.5°	188.7	222.0	258.0	296.5	334.2	377.2	421.2	466.0	512.9	561.0	609.8
-80°	136.5	157.7	184.2	212.9	240.4	268.1	296.7	325.9	356.5	390.2	426.7
-82.5°	90.5	105.5	121.3	137.8	153.1	168.3	184.5	204.4	224.5	245.1	266.2
-85°	48.3	52.8	62.1	72.0	81.7	91.5	101.3	111.0	121.0	130.7	140.1
-87.5°	28.1	30.3	32.6	34.9	37.3	39.8	42.3	44.7	48.0	51.3	54.7
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.0	11.3	11.6	11.8	12.1	12.4	12.7	12.9	13.2	13.5	13.8
87.5°	6.0	5.6	5.1	4.7	4.2	5.5	6.8	8.2	9.6	8.9	8.2
85°	12.2	12.3	12.4	12.4	12.5	13.9	15.4	16.8	18.2	16.8	15.3
82.5°	23.1	22.7	21.9	20.8	19.3	18.9	18.4	17.7	16.8	16.1	15.4
80°	36.6	34.8	32.4	29.5	26.3	24.7	23.2	21.5	19.6	19.0	18.6
77.5°	49.2	45.8	41.7	37.4	32.7	29.8	27.1	24.3	21.2	20.4	19.9
75°	58.2	53.8	48.0	41.8	35.2	30.7	27.1	23.5	19.9	19.1	18.9
72.5°	62.8	56.8	49.4	40.7	32.4	26.9	23.5	20.4	17.7	16.7	16.3
70°	59.0	49.9	41.3	33.3	26.0	21.0	18.6	16.5	14.6	14.1	14.4
67.5°	49.8	40.6	32.9	26.0	20.1	16.1	14.7	13.6	12.7	12.4	12.4
65°	38.9	31.2	24.9	19.7	15.4	12.9	12.5	12.0	11.6	11.2	10.8
62.5°	28.7	22.9	18.9	15.8	13.6	12.1	11.7	11.2	10.7	10.1	9.7
60°	22.3	17.7	15.7	14.4	13.3	12.3	11.9	11.6	11.5	11.3	11.0
57.5°	19.4	17.1	15.2	14.4	13.8	13.4	13.1	12.9	12.5	12.1	11.7
55°	19.0	17.1	15.5	15.1	14.8	14.5	14.1	13.7	13.3	12.8	12.6
52.5°	19.0	18.2	17.0	16.4	16.7	16.2	15.3	15.8	15.9	15.4	15.2
50°	21.5	21.7	22.0	20.1	22.0	22.8	21.7	22.6	24.0	24.2	24.1
47.5°	30.5	32.5	35.1	33.1	35.5	39.2	38.9	39.1	42.4	42.8	42.7
45°	48.6	57.3	61.5	63.9	63.0	71.5	73.2	70.4	74.9	75.8	74.4
42.5°	97.2	102.1	113.1	121.8	116.8	125.6	128.2	120.2	128.0	131.5	127.7
40°	217.8	173.1	205.6	228.0	220.2	203.1	232.8	222.1	221.1	233.5	223.8
37.5°	430.0	381.7	414.9	478.9	476.5	396.0	485.8	480.0	403.5	494.1	486.3
35°	771.1	860.5	820.6	940.2	974.8	992.8	1042.7	1094.1	1037.7	1112.0	1110.1
32.5°	1380.8	1566.1	1648.0	1662.6	1816.0	1941.1	1888.1	2088.7	2076.5	2126.7	2177.9
30°	2179.8	2592.9	2802.0	2807.2	3061.8	3285.9	3357.0	3608.7	3757.6	3732.9	3982.2
27.5°	3477.9	3883.8	4228.1	4521.9	4720.3	5073.6	5565.4	5813.5	6179.4	6322.8	6667.5
25°	4944.7	5449.0	5992.5	6503.8	6923.7	7556.5	8168.6	8554.5	9077.9	9488.1	9904.9
22.5°	6533.7	7202.6	7900.0	8664.9	9445.7	10217.8	10961.3	11674.3	12372.1	13142.9	13614.0
20°	8158.2	8914.2	9763.1	10799.7	11883.1	12814.2	13829.6	14947.6	16016.5	17011.4	17762.9
17.5°	9392.7	10562.6	11482.3	12603.7	13949.0	15260.7	16555.3	18029.7	19389.5	20657.9	21789.1
15°	10335.4	11561.8	12894.8	14248.3	15665.6	17227.4	19008.1	20621.4	22301.2	23793.1	25190.2
12.5°	11157.1	12402.2	13797.2	15375.8	17163.5	18840.2	20706.5	22724.1	24506.3	26258.8	27569.7
10°	11763.6	13146.7	14560.9	16148.1	17971.1	19928.7	21951.3	23990.7	25989.1	27680.8	29089.1
7.5°	12098.2	13567.1	15046.7	16704.1	18578.4	20503.9	22524.4	24653.7	26665.2	28407.4	29700.8
5°	12370.5	13863.8	15326.4	16990.4	18943.2	20856.0	22791.5	24823.8	26930.0	28648.4	29994.1
2.5°	12608.2	14065.2	15491.9	17112.0	19124.5	21045.8	23035.8	25142.5	27179.3	28836.9	30146.8
0°	12814.5	14189.9	15585.2	17191.1	19295.6	21240.2	23198.0	25259.5	27334.2	28948.9	30274.8
-2.5°	12665.2	14013.9	15388.6	17030.2	19037.2	20950.0	22919.0	25006.5	26971.7	28607.3	29892.6
-5°	12276.1	13575.2	14940.3	16577.9	18493.7	20367.3	22310.0	24320.8	26168.0	27803.2	28985.6
-7.5°	11707.1	12978.8	14338.7	15950.5	17733.3	19433.8	21170.0	23033.9	24872.6	26316.4	27442.5
-10°	11074.6	12285.0	13536.6	14954.3	16532.8	18121.1	19716.4	21449.1	23069.3	24424.9	25509.0
-12.5°	10323.7	11398.9	12551.3	13787.8	15237.0	16749.8	18271.0	19788.7	21283.0	22502.4	23484.5
-15°	9512.6	10463.4	11515.9	12711.9	14003.2	15338.1	16710.4	18159.7	19505.4	20641.4	21507.2
-17.5°	8712.5	9564.0	10633.7	11721.1	12764.6	13988.7	15353.5	16552.0	17780.1	18800.1	19565.0
-20°	8034.2	8950.2	9880.4	10809.5	11806.3	12996.4	14153.6	15283.6	16374.8	17303.7	18064.2



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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°	7592.1	8396.9	9190.6	10069.5	11082.8	12133.0	13180.3	14207.6	15195.3	16077.6	16801.0
-25°	7190.0	7871.1	8657.1	9549.4	10405.0	11326.2	12315.1	13173.8	14110.7	14909.7	15528.6
-27.5°	6838.5	7512.5	8283.9	9086.4	9860.3	10690.6	11591.3	12410.9	13254.0	14022.2	14562.3
-30°	6532.4	7230.7	7956.0	8690.2	9419.1	10187.3	10970.1	11762.2	12535.7	13232.4	13751.4
-32.5°	6271.6	6926.6	7606.9	8290.2	8954.7	9654.5	10380.6	11108.9	11825.5	12435.0	12943.2
-35°	5975.2	6602.2	7234.3	7847.9	8463.4	9089.3	9763.2	10445.0	11086.2	11642.7	12138.8
-37.5°	5644.2	6248.4	6825.3	7383.8	7954.4	8533.2	9157.4	9783.7	10372.7	10876.4	11349.4
-40°	5314.9	5865.4	6387.9	6909.3	7432.3	7974.3	8538.9	9099.7	9616.7	10093.1	10533.9
-42.5°	4972.7	5454.6	5930.2	6415.5	6898.0	7386.8	7891.1	8401.2	8861.8	9296.4	9687.1
-45°	4627.4	5041.0	5461.1	5905.7	6346.3	6785.1	7221.7	7652.2	8083.6	8488.5	8818.6
-47.5°	4260.3	4633.5	5014.9	5397.1	5792.0	6192.5	6574.2	6946.9	7327.9	7689.8	7962.4
-50°	3889.8	4235.3	4580.1	4916.9	5265.9	5618.2	5966.0	6294.0	6613.2	6920.9	7134.1
-52.5°	3516.6	3836.1	4152.1	4456.7	4759.5	5059.8	5354.4	5645.4	5925.1	6188.9	6357.9
-55°	3162.2	3447.2	3725.0	3991.0	4258.3	4522.0	4781.9	5036.5	5277.9	5504.6	5635.0
-57.5°	2828.9	3077.1	3320.4	3549.4	3773.1	3990.4	4220.2	4451.5	4668.8	4863.7	4968.8
-60°	2504.2	2727.7	2936.5	3127.9	3319.8	3510.6	3704.2	3895.2	4081.2	4243.1	4333.5
-62.5°	2184.8	2375.8	2553.5	2718.2	2876.7	3034.4	3202.2	3363.3	3516.6	3641.5	3718.2
-65°	1904.9	2066.8	2199.8	2331.0	2461.2	2599.8	2739.2	2872.2	2998.1	3096.0	3160.6
-67.5°	1632.9	1766.0	1876.7	1985.5	2094.5	2204.7	2317.0	2425.8	2530.3	2609.4	2665.5
-70°	1374.2	1474.8	1561.5	1650.1	1740.4	1830.5	1920.7	2007.5	2090.5	2150.8	2195.9
-72.5°	1124.0	1201.7	1269.2	1338.0	1405.9	1475.7	1545.6	1612.7	1676.6	1719.8	1751.5
-75°	878.5	934.9	989.1	1041.5	1092.1	1144.0	1195.4	1244.6	1291.1	1323.8	1349.9
-77.5°	661.4	701.5	736.8	771.4	805.1	841.2	876.4	909.7	940.7	963.5	982.7
-80°	463.3	489.2	511.7	532.9	552.8	575.1	597.0	617.6	637.0	650.2	660.8
-82.5°	287.5	302.7	316.3	328.7	340.1	351.8	362.7	372.5	381.3	391.7	401.3
-85°	149.1	155.4	161.2	166.5	171.4	176.2	180.5	184.3	187.7	189.6	190.9
-87.5°	58.0	59.4	60.8	62.0	63.1	64.6	66.1	67.4	68.6	69.8	70.8
-90°	3.3	3.0	2.8	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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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	14.3	14.3	14.3	14.3	14.3	14.0	13.8	13.5	13.2	12.9
87.5°	7.4	6.6	6.0	5.5	6.0	6.6	7.4	8.2	8.9	9.6	8.2
85°	13.7	12.1	11.0	9.9	11.0	12.1	13.7	15.3	16.8	18.2	16.8
82.5°	14.8	14.3	14.3	14.3	14.3	14.3	14.8	15.4	16.1	16.8	17.7
80°	18.1	17.6	18.2	18.8	18.2	17.6	18.1	18.6	19.0	19.6	21.5
77.5°	19.3	18.8	18.8	18.8	18.8	18.8	19.3	19.9	20.4	21.2	24.3
75°	18.8	18.8	18.2	17.6	18.2	18.8	18.8	18.9	19.1	19.9	23.5
72.5°	15.9	15.5	15.4	15.4	15.4	15.5	15.9	16.3	16.7	17.7	20.4
70°	14.8	15.3	14.9	14.3	14.9	15.3	14.8	14.4	14.1	14.6	16.5
67.5°	12.3	12.2	12.1	12.1	12.1	12.2	12.3	12.4	12.4	12.7	13.6
65°	10.4	10.0	9.9	9.9	9.9	10.0	10.4	10.8	11.2	11.6	12.0
62.5°	9.3	8.9	8.8	8.8	8.8	8.9	9.3	9.7	10.1	10.7	11.2
60°	10.5	10.0	9.4	8.8	9.4	10.0	10.5	11.0	11.3	11.5	11.6
57.5°	11.3	11.0	11.0	11.0	11.0	11.0	11.3	11.7	12.1	12.5	12.9
55°	12.4	12.2	12.1	12.1	12.1	12.2	12.4	12.6	12.8	13.3	13.7
52.5°	14.9	14.4	13.9	13.2	13.9	14.4	14.9	15.2	15.4	15.9	15.8
50°	23.6	22.5	22.0	22.1	22.0	22.5	23.6	24.1	24.2	24.0	22.6
47.5°	43.5	43.5	43.3	43.0	43.3	43.5	43.5	42.7	42.8	42.4	39.1
45°	74.1	71.1	68.3	67.3	68.3	71.1	74.1	74.4	75.8	74.9	70.4
42.5°	130.3	129.6	127.3	124.6	127.3	129.6	130.3	127.7	131.5	128.0	120.2
40°	226.3	223.3	218.0	219.5	218.0	223.3	226.3	223.8	233.5	221.1	222.1
37.5°	471.4	448.7	414.4	414.7	414.4	448.7	471.4	486.3	494.1	403.5	480.0
35°	1103.3	1121.8	1099.9	1099.7	1099.9	1121.8	1103.3	1110.1	1112.0	1037.7	1094.1
32.5°	2111.5	2080.8	1956.4	1891.6	1956.4	2080.8	2111.5	2177.9	2126.7	2076.5	2088.7
30°	3977.8	3997.5	3811.1	3815.2	3811.1	3997.5	3977.8	3982.2	3732.9	3757.6	3608.7
27.5°	6806.6	6958.0	6918.2	6851.8	6918.2	6958.0	6806.6	6667.5	6322.8	6179.4	5813.5
25°	10178.3	10292.3	10215.9	10169.5	10215.9	10292.3	10178.3	9904.9	9488.1	9077.9	8554.5
22.5°	14071.6	14230.4	14190.6	13989.2	14190.6	14230.4	14071.6	13614.0	13142.9	12372.1	11674.3
20°	18381.7	18653.7	18811.7	18710.0	18811.7	18653.7	18381.7	17762.9	17011.4	16016.5	14947.6
17.5°	22592.5	22943.3	23212.3	23302.8	23212.3	22943.3	22592.5	21789.1	20657.9	19389.5	18029.7
15°	26133.4	26635.0	26988.3	27113.6	26988.3	26635.0	26133.4	25190.2	23793.1	22301.2	20621.4
12.5°	28674.4	29327.3	29741.7	29866.1	29741.7	29327.3	28674.4	27569.7	26258.8	24506.3	22724.1
10°	30071.7	30894.7	31366.4	31563.1	31366.4	30894.7	30071.7	29089.1	27680.8	25989.1	23990.7
7.5°	30852.4	31595.8	32041.4	32107.4	32041.4	31595.8	30852.4	29700.8	28407.4	26665.2	24653.7
5°	31105.8	31781.1	32148.9	32182.9	32148.9	31781.1	31105.8	29994.1	28648.4	26930.0	24823.8
2.5°	31216.7	31787.5	32058.8	31989.4	32058.8	31787.5	31216.7	30146.8	28836.9	27179.3	25142.5
0°	31159.9	31670.0	31957.9	32000.9	31957.9	31670.0	31159.9	30274.8	28948.9	27334.2	25259.5
-2.5°	30697.2	31077.1	31281.2	31150.0	31281.2	31077.1	30697.2	29892.6	28607.3	26971.7	25006.5
-5°	29642.2	29915.5	30000.8	30048.7	30000.8	29915.5	29642.2	28985.6	27803.2	26168.0	24320.8
-7.5°	28117.4	28340.4	28424.6	28365.5	28424.6	28340.4	28117.4	27442.5	26316.4	24872.6	23033.9
-10°	26107.5	26311.9	26383.4	26342.6	26383.4	26311.9	26107.5	25509.0	24424.9	23069.3	21449.1
-12.5°	24073.0	24315.3	24370.8	24374.3	24370.8	24315.3	24073.0	23484.5	22502.4	21283.0	19788.7
-15°	22073.1	22350.0	22434.7	22508.6	22434.7	22350.0	22073.1	21507.2	20641.4	19505.4	18159.7
-17.5°	20107.9	20383.0	20454.4	20357.8	20454.4	20383.0	20107.9	19565.0	18800.1	17780.1	16552.0
-20°	18492.6	18635.1	18787.3	18786.1	18787.3	18635.1	18492.6	18064.2	17303.7	16374.8	15283.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17158.3	17394.1	17523.7	17615.8	17523.7	17394.1	17158.3	16801.0	16077.6	15195.3	14207.6
-25°	15907.1	16107.3	16187.8	16249.2	16187.8	16107.3	15907.1	15528.6	14909.7	14110.7	13173.8
-27.5°	14943.1	15146.3	15261.2	15329.3	15261.2	15146.3	14943.1	14562.3	14022.2	13254.0	12410.9
-30°	14174.4	14374.1	14511.0	14596.9	14511.0	14374.1	14174.4	13751.4	13232.4	12535.7	11762.2
-32.5°	13346.1	13554.9	13697.6	13786.2	13697.6	13554.9	13346.1	12943.2	12435.0	11825.5	11108.9
-35°	12485.2	12694.1	12848.1	12920.4	12848.1	12694.1	12485.2	12138.8	11642.7	11086.2	10445.0
-37.5°	11649.0	11844.0	11980.1	12033.6	11980.1	11844.0	11649.0	11349.4	10876.4	10372.7	9783.7
-40°	10777.3	10961.3	11087.7	11136.9	11087.7	10961.3	10777.3	10533.9	10093.1	9616.7	9099.7
-42.5°	9898.2	10069.9	10186.6	10235.7	10186.6	10069.9	9898.2	9687.1	9296.4	8861.8	8401.2
-45°	9007.9	9160.5	9259.4	9297.1	9259.4	9160.5	9007.9	8818.6	8488.5	8083.6	7652.2
-47.5°	8131.4	8269.1	8354.1	8381.6	8354.1	8269.1	8131.4	7962.4	7689.8	7327.9	6946.9
-50°	7275.9	7388.7	7466.4	7510.2	7466.4	7388.7	7275.9	7134.1	6920.9	6613.2	6294.0
-52.5°	6484.6	6587.0	6648.0	6672.0	6648.0	6587.0	6484.6	6357.9	6188.9	5925.1	5645.4
-55°	5742.9	5831.5	5883.4	5904.3	5883.4	5831.5	5742.9	5635.0	5504.6	5277.9	5036.5
-57.5°	5058.0	5130.7	5179.5	5207.2	5179.5	5130.7	5058.0	4968.8	4863.7	4668.8	4451.5
-60°	4408.7	4468.2	4509.2	4533.3	4509.2	4468.2	4408.7	4333.5	4243.1	4081.2	3895.2
-62.5°	3781.9	3832.4	3865.6	3884.7	3865.6	3832.4	3781.9	3718.2	3641.5	3516.6	3363.3
-65°	3215.1	3259.4	3280.8	3289.1	3280.8	3259.4	3215.1	3160.6	3096.0	2998.1	2872.2
-67.5°	2713.7	2753.6	2768.1	2770.7	2768.1	2753.6	2713.7	2665.5	2609.4	2530.3	2425.8
-70°	2235.0	2267.6	2278.5	2279.9	2278.5	2267.6	2235.0	2195.9	2150.8	2090.5	2007.5
-72.5°	1777.6	1798.1	1813.9	1824.3	1813.9	1798.1	1777.6	1751.5	1719.8	1676.6	1612.7
-75°	1371.7	1389.3	1396.9	1399.7	1396.9	1389.3	1371.7	1349.9	1323.8	1291.1	1244.6
-77.5°	999.0	1012.4	1015.4	1014.7	1015.4	1012.4	999.0	982.7	963.5	940.7	909.7
-80°	669.2	675.4	679.4	681.6	679.4	675.4	669.2	660.8	650.2	637.0	617.6
-82.5°	410.0	417.5	409.8	400.4	409.8	417.5	410.0	401.3	391.7	381.3	372.5
-85°	191.7	192.1	192.8	193.0	192.8	192.1	191.7	190.9	189.6	187.7	184.3
-87.5°	71.8	72.6	72.2	71.7	72.2	72.6	71.8	70.8	69.8	68.6	67.4
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.7	12.4	12.1	11.8	11.6	11.3	11.0	10.5	9.9	9.4	8.8
87.5°	6.8	5.5	4.2	4.7	5.1	5.6	6.0	5.7	5.4	5.1	4.9
85°	15.4	13.9	12.5	12.4	12.4	12.3	12.2	12.0	11.6	11.1	10.5
82.5°	18.4	18.9	19.3	20.8	21.9	22.7	23.1	23.0	22.5	21.6	20.4
80°	23.2	24.7	26.3	29.5	32.4	34.8	36.6	37.4	37.8	37.7	36.5
77.5°	27.1	29.8	32.7	37.4	41.7	45.8	49.2	51.2	52.2	52.7	51.1
75°	27.1	30.7	35.2	41.8	48.0	53.8	58.2	61.2	63.6	65.5	63.8
72.5°	23.5	26.9	32.4	40.7	49.4	56.8	62.8	67.8	72.2	75.9	73.4
70°	18.6	21.0	26.0	33.3	41.3	49.9	59.0	68.1	77.0	82.8	78.7
67.5°	14.7	16.1	20.1	26.0	32.9	40.6	49.8	60.3	70.4	79.9	78.0
65°	12.5	12.9	15.4	19.7	24.9	31.2	38.9	48.1	58.8	69.6	70.0
62.5°	11.7	12.1	13.6	15.8	18.9	22.9	28.7	36.7	46.0	53.4	56.1
60°	11.9	12.3	13.3	14.4	15.7	17.7	22.3	27.8	34.1	40.3	43.6
57.5°	13.1	13.4	13.8	14.4	15.2	17.1	19.4	22.0	27.2	30.8	33.6
55°	14.1	14.5	14.8	15.1	15.5	17.1	19.0	21.2	23.5	24.6	28.0
52.5°	15.3	16.2	16.7	16.4	17.0	18.2	19.0	20.9	22.8	24.2	25.0
50°	21.7	22.8	22.0	20.1	22.0	21.7	21.5	22.0	24.2	25.4	25.4
47.5°	38.9	39.2	35.5	33.1	35.1	32.5	30.5	28.7	32.2	28.9	28.6
45°	73.2	71.5	63.0	63.9	61.5	57.3	48.6	53.2	49.2	44.1	33.9
42.5°	128.2	125.6	116.8	121.8	113.1	102.1	97.2	102.2	85.7	69.6	73.3
40°	232.8	203.1	220.2	228.0	205.6	173.1	217.8	187.1	159.5	114.7	150.9
37.5°	485.8	396.0	476.5	478.9	414.9	381.7	430.0	387.6	270.7	286.3	291.3
35°	1042.7	992.8	974.8	940.2	820.6	860.5	771.1	682.1	585.8	554.1	501.4
32.5°	1888.1	1941.1	1816.0	1662.6	1648.0	1566.1	1380.8	1112.2	1113.3	1003.7	820.2
30°	3357.0	3285.9	3061.8	2807.2	2802.0	2592.9	2179.8	2000.3	1834.5	1585.6	1235.8
27.5°	5565.4	5073.6	4720.3	4521.9	4228.1	3883.8	3477.9	3058.1	2703.9	2324.7	1853.9
25°	8168.6	7556.5	6923.7	6503.8	5992.5	5449.0	4944.7	4356.0	3763.4	3168.6	2572.1
22.5°	10961.3	10217.8	9445.7	8664.9	7900.0	7202.6	6533.7	5752.9	4849.3	4014.3	3324.4
20°	13829.6	12814.2	11883.1	10799.7	9763.1	8914.2	8158.2	7082.9	5876.5	4861.6	4057.0
17.5°	16555.3	15260.7	13949.0	12603.7	11482.3	10562.6	9392.7	8135.4	6835.9	5658.6	4756.8
15°	19008.1	17227.4	15665.6	14248.3	12894.8	11561.8	10335.4	9092.0	7732.7	6459.4	5396.0
12.5°	20706.5	18840.2	17163.5	15375.8	13797.2	12402.2	11157.1	9910.4	8483.4	6989.9	5752.8
10°	21951.3	19928.7	17971.1	16148.1	14560.9	13146.7	11763.6	10346.6	8804.1	7307.8	6049.2
7.5°	22524.4	20503.9	18578.4	16704.1	15046.7	13567.1	12098.2	10623.1	9033.4	7528.0	6287.3
5°	22791.5	20856.0	18943.2	16990.4	15326.4	13863.8	12370.5	10833.1	9173.2	7660.6	6469.7
2.5°	23035.8	21045.8	19124.5	17112.0	15491.9	14065.2	12608.2	11045.2	9346.8	7798.7	6586.5
0°	23198.0	21240.2	19295.6	17191.1	15585.2	14189.9	12814.5	11233.9	9497.8	7895.2	6656.5
-2.5°	22919.0	20950.0	19037.2	17030.2	15388.6	14013.9	12665.2	11155.7	9468.5	7895.1	6659.4
-5°	22310.0	20367.3	18493.7	16577.9	14940.3	13575.2	12276.1	10865.8	9296.9	7809.1	6619.4
-7.5°	21170.0	19433.8	17733.3	15950.5	14338.7	12978.8	11707.1	10365.9	8919.2	7525.1	6383.6
-10°	19716.4	18121.1	16532.8	14954.3	13536.6	12285.0	11074.6	9819.8	8481.3	7184.9	6109.6
-12.5°	18271.0	16749.8	15237.0	13787.8	12551.3	11398.9	10323.7	9219.7	7991.6	6790.3	5801.7
-15°	16710.4	15338.1	14003.2	12711.9	11515.9	10463.4	9512.6	8527.0	7437.5	6362.9	5462.9
-17.5°	15353.5	13988.7	12764.6	11721.1	10633.7	9564.0	8712.5	7849.2	6920.0	5992.0	5172.6
-20°	14153.6	12996.4	11806.3	10809.5	9880.4	8950.2	8034.2	7214.1	6439.9	5655.3	4921.7



REPORT NUMBER: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-40-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13180.3	12133.0	11082.8	10069.5	9190.6	8396.9	7592.1	6776.8	5991.6	5310.3	4679.1
-25°	12315.1	11326.2	10405.0	9549.4	8657.1	7871.1	7190.0	6467.6	5718.8	5005.3	4455.0
-27.5°	11591.3	10690.6	9860.3	9086.4	8283.9	7512.5	6838.5	6170.2	5475.3	4834.3	4269.3
-30°	10970.1	10187.3	9419.1	8690.2	7956.0	7230.7	6532.4	5898.3	5253.7	4649.3	4114.7
-32.5°	10380.6	9654.5	8954.7	8290.2	7606.9	6926.6	6271.6	5623.4	5003.3	4461.7	3965.8
-35°	9763.2	9089.3	8463.4	7847.9	7234.3	6602.2	5975.2	5340.1	4761.9	4253.8	3793.4
-37.5°	9157.4	8533.2	7954.4	7383.8	6825.3	6248.4	5644.2	5065.4	4518.6	4034.4	3598.6
-40°	8538.9	7974.3	7432.3	6909.3	6387.9	5865.4	5314.9	4777.4	4276.2	3793.4	3384.2
-42.5°	7891.1	7386.8	6898.0	6415.5	5930.2	5454.6	4972.7	4487.3	4016.7	3567.5	3157.0
-45°	7221.7	6785.1	6346.3	5905.7	5461.1	5041.0	4627.4	4183.0	3746.0	3328.2	2922.7
-47.5°	6574.2	6192.5	5792.0	5397.1	5014.9	4633.5	4260.3	3865.8	3464.9	3073.6	2713.4
-50°	5966.0	5618.2	5265.9	4916.9	4580.1	4235.3	3889.8	3542.7	3173.9	2824.2	2495.4
-52.5°	5354.4	5059.8	4759.5	4456.7	4152.1	3836.1	3516.6	3207.5	2882.0	2575.6	2284.6
-55°	4781.9	4522.0	4258.3	3991.0	3725.0	3447.2	3162.2	2881.2	2607.5	2329.7	2079.6
-57.5°	4220.2	3990.4	3773.1	3549.4	3320.4	3077.1	2828.9	2578.0	2336.4	2099.0	1872.9
-60°	3704.2	3510.6	3319.8	3127.9	2936.5	2727.7	2504.2	2283.9	2068.0	1870.7	1678.9
-62.5°	3202.2	3034.4	2876.7	2718.2	2553.5	2375.8	2184.8	2005.7	1825.6	1648.4	1492.9
-65°	2739.2	2599.8	2461.2	2331.0	2199.8	2066.8	1904.9	1746.6	1594.9	1448.9	1312.9
-67.5°	2317.0	2204.7	2094.5	1985.5	1876.7	1766.0	1632.9	1498.4	1373.8	1255.6	1140.0
-70°	1920.7	1830.5	1740.4	1650.1	1561.5	1474.8	1374.2	1268.1	1164.6	1064.1	963.3
-72.5°	1545.6	1475.7	1405.9	1338.0	1269.2	1201.7	1124.0	1037.1	951.1	866.4	784.6
-75°	1195.4	1144.0	1092.1	1041.5	989.1	934.9	878.5	813.8	748.6	683.3	618.5
-77.5°	876.4	841.2	805.1	771.4	736.8	701.5	661.4	609.8	561.0	512.9	466.0
-80°	597.0	575.1	552.8	532.9	511.7	489.2	463.3	426.7	390.2	356.5	325.9
-82.5°	362.7	351.8	340.1	328.7	316.3	302.7	287.5	266.2	245.1	224.5	204.4
-85°	180.5	176.2	171.4	166.5	161.2	155.4	149.1	140.1	130.7	121.0	111.0
-87.5°	66.1	64.6	63.1	62.0	60.8	59.4	58.0	54.7	51.3	48.0	44.7
-90°	2.2	2.2	2.2	2.5	2.8	3.0	3.3	3.3	3.3	3.3	3.3



REPORT NUMBER: P1305493 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.5	8.3	8.0	7.7	7.7	7.7	7.7	7.7	7.4	7.2	6.9
87.5°	5.7	6.5	7.2	7.7	7.3	6.9	6.5	6.1	6.3	6.5	6.6
85°	10.8	11.1	11.6	12.1	11.4	10.4	9.6	8.9	9.1	9.1	9.1
82.5°	18.4	17.5	17.0	16.7	16.5	16.0	15.1	13.7	12.4	11.8	11.6
80°	32.7	29.3	26.2	23.6	22.1	21.7	21.0	19.6	16.6	14.5	13.4
77.5°	45.9	41.1	36.8	32.4	28.6	26.0	24.7	24.1	20.6	17.1	14.9
75°	57.9	51.6	45.8	40.0	34.5	29.9	26.8	24.8	22.1	19.4	16.1
72.5°	66.0	59.2	53.2	46.9	39.7	33.6	28.8	25.4	22.6	19.9	17.1
70°	71.6	65.1	58.2	51.0	43.8	36.9	30.9	26.7	23.2	20.4	17.5
67.5°	75.0	67.6	60.9	54.4	47.0	39.7	32.7	28.2	24.5	20.8	17.9
65°	67.4	65.1	62.3	55.4	48.8	42.1	34.7	29.8	25.8	21.9	18.3
62.5°	57.7	57.7	56.1	54.4	49.3	42.9	36.8	31.7	27.0	23.0	19.0
60°	45.6	47.7	49.3	48.9	47.2	42.8	37.5	33.5	28.5	24.0	19.9
57.5°	36.9	38.3	41.4	43.3	42.8	40.8	37.9	34.4	29.8	25.1	20.8
55°	30.2	32.7	35.3	37.5	38.6	37.4	37.7	34.9	30.9	26.0	21.8
52.5°	26.7	29.3	31.9	33.4	34.5	35.1	36.8	35.4	31.4	26.8	22.9
50°	25.7	28.4	30.3	31.5	31.6	34.2	36.4	35.6	32.0	27.5	24.1
47.5°	29.6	31.9	31.2	31.0	31.0	34.3	36.9	36.2	32.6	28.0	25.4
45°	44.0	40.4	36.2	33.1	33.2	36.7	38.1	37.4	33.8	29.6	26.8
42.5°	69.7	62.6	47.9	36.2	42.5	40.7	40.1	39.2	35.3	31.5	28.3
40°	141.0	98.7	68.2	63.2	58.4	46.1	44.5	41.7	37.4	33.8	30.1
37.5°	240.5	174.2	110.5	112.9	87.0	65.6	50.0	44.7	41.0	36.8	32.1
35°	412.9	290.7	230.3	205.0	147.3	89.6	56.3	49.1	45.4	40.0	34.1
32.5°	626.2	510.7	450.9	345.4	222.8	118.0	73.6	57.2	50.3	43.3	36.3
30°	986.5	891.1	722.8	517.6	329.2	188.0	104.0	66.6	55.7	46.7	38.7
27.5°	1530.0	1339.6	1053.8	766.4	493.5	273.1	149.0	77.1	61.6	50.6	41.5
25°	2121.8	1847.9	1484.9	1062.2	678.5	408.2	203.9	89.8	69.4	55.3	44.3
22.5°	2775.5	2373.2	1960.7	1385.7	883.9	565.2	291.3	131.7	78.6	60.2	47.1
20°	3401.9	2908.0	2436.5	1639.5	1103.1	747.8	413.2	178.7	88.2	65.2	49.9
17.5°	4010.3	3347.0	2693.7	1916.0	1318.1	920.3	544.9	229.6	98.1	70.3	52.6
15°	4425.1	3640.3	2934.4	2163.0	1510.2	1082.5	683.4	283.2	108.1	75.4	56.8
12.5°	4743.0	3906.0	3164.3	2380.5	1680.4	1234.3	825.5	338.0	118.1	83.3	62.8
10°	5016.0	4143.6	3379.9	2569.0	1829.9	1375.8	967.5	389.7	133.6	93.5	68.8
7.5°	5245.2	4352.5	3577.6	2729.0	1952.2	1469.2	1054.6	431.7	149.6	103.7	74.7
5°	5424.0	4507.3	3734.0	2838.1	2015.8	1511.1	1120.4	468.4	165.2	113.6	80.5
2.5°	5530.5	4591.5	3852.1	2919.2	2066.5	1542.0	1171.7	499.3	180.1	123.3	86.1
0°	5599.9	4645.8	3941.0	2974.8	2103.4	1562.9	1207.8	523.9	194.1	132.4	91.5
-2.5°	5626.3	4653.9	3953.8	3045.7	2178.3	1627.5	1242.9	592.3	259.6	177.3	120.3
-5°	5611.7	4637.2	3940.7	3090.3	2237.5	1681.4	1265.0	654.0	323.1	220.9	148.4
-7.5°	5436.3	4539.4	3872.6	3097.1	2280.2	1722.5	1276.4	709.0	383.5	262.5	175.3
-10°	5202.1	4382.1	3731.2	3003.8	2275.7	1747.3	1282.5	757.2	440.1	301.5	200.6
-12.5°	4942.3	4204.3	3577.7	2902.1	2255.1	1760.7	1299.3	802.3	491.8	337.3	224.0
-15°	4661.2	4007.4	3416.4	2797.0	2226.4	1767.5	1308.5	840.8	538.4	371.2	245.0
-17.5°	4384.5	3792.8	3251.0	2693.6	2191.5	1768.8	1311.0	870.6	579.7	403.9	267.5
-20°	4234.2	3636.8	3088.5	2596.2	2151.9	1765.5	1308.2	891.4	615.1	432.7	290.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4084.2	3534.6	3010.5	2527.2	2118.6	1758.5	1300.9	902.9	644.1	457.3	310.5
-25°	3926.5	3427.2	2935.0	2478.3	2096.3	1733.3	1297.3	904.8	666.4	477.5	327.3
-27.5°	3786.9	3318.6	2847.7	2410.5	2052.5	1706.6	1291.6	926.3	684.0	493.1	340.7
-30°	3656.1	3208.9	2755.2	2331.0	1992.9	1642.1	1274.6	939.8	699.6	506.3	350.6
-32.5°	3521.1	3088.7	2643.9	2253.4	1913.8	1568.9	1226.6	943.9	708.9	516.3	358.9
-35°	3363.6	2942.9	2513.9	2157.2	1825.1	1493.4	1172.9	938.4	711.7	521.2	364.2
-37.5°	3184.9	2772.3	2391.2	2048.8	1730.0	1412.3	1133.9	910.7	707.9	521.1	365.7
-40°	2987.2	2601.8	2250.4	1938.7	1633.6	1325.8	1087.4	881.4	701.4	515.7	363.2
-42.5°	2779.3	2435.3	2115.9	1821.9	1533.7	1265.6	1035.4	846.6	677.5	507.6	356.7
-45°	2584.9	2265.9	1976.5	1703.5	1433.7	1198.0	990.4	807.4	647.4	495.4	347.8
-47.5°	2384.4	2102.2	1835.4	1578.2	1349.0	1127.3	939.4	768.4	613.2	477.7	337.6
-50°	2195.2	1937.7	1693.4	1465.5	1252.4	1063.3	884.1	724.4	578.9	448.2	324.0
-52.5°	2017.3	1778.7	1559.2	1352.2	1166.7	992.7	828.6	676.1	540.8	419.4	307.0
-55°	1840.6	1627.2	1428.1	1247.5	1079.3	920.9	767.7	627.6	498.9	389.2	287.4
-57.5°	1670.5	1477.2	1307.8	1145.5	989.8	843.7	705.1	574.8	458.1	356.2	268.4
-60°	1499.5	1342.9	1190.3	1039.5	896.3	763.9	639.8	520.1	415.4	321.6	244.5
-62.5°	1344.5	1204.1	1066.1	928.1	801.0	682.7	571.2	466.0	369.5	289.3	217.9
-65°	1185.8	1059.9	935.9	817.7	704.7	599.3	503.3	408.3	327.0	255.1	191.8
-67.5°	1025.1	915.2	809.9	705.0	609.0	518.4	431.7	354.5	283.8	219.0	169.2
-70°	864.7	769.7	683.5	598.7	515.0	436.0	367.2	301.2	238.6	189.7	145.5
-72.5°	707.7	633.5	562.6	491.4	424.5	361.4	302.3	248.2	201.8	159.4	120.9
-75°	556.0	500.4	447.0	392.6	336.8	285.1	243.2	203.3	164.0	127.9	99.4
-77.5°	421.2	377.2	334.2	296.5	258.0	222.0	188.7	157.1	126.9	101.4	78.7
-80°	296.7	268.1	240.4	212.9	184.2	157.7	136.5	116.0	94.3	74.7	57.5
-82.5°	184.5	168.3	153.1	137.8	121.3	105.5	90.5	76.1	61.0	47.5	39.5
-85°	101.3	91.5	81.7	72.0	62.1	52.8	48.3	43.9	38.6	33.5	28.7
-87.5°	42.3	39.8	37.3	34.9	32.6	30.3	28.1	25.9	23.0	20.3	17.8
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6	3.9	4.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.6	6.3	6.1	5.8	5.5	5.0	4.4
87.5°	6.7	6.3	6.1	5.9	5.9	5.1	4.4
85°	8.9	8.0	7.2	6.7	6.3	5.3	4.4
82.5°	11.2	9.6	8.4	7.4	6.6	5.4	4.4
80°	13.2	11.3	9.5	8.1	7.0	5.6	4.4
77.5°	13.7	12.4	10.6	8.8	7.4	5.8	4.4
75°	14.1	12.6	11.5	9.4	7.7	5.9	4.4
72.5°	14.5	12.8	11.5	10.1	8.1	6.1	4.4
70°	14.9	12.9	11.5	10.6	8.4	6.2	4.4
67.5°	15.3	13.0	11.5	10.5	8.7	6.4	4.4
65°	15.8	13.3	11.4	10.4	9.0	6.5	4.4
62.5°	16.2	13.7	11.3	10.2	9.3	6.6	4.4
60°	16.7	14.2	11.2	10.1	9.6	6.8	4.4
57.5°	17.5	14.6	11.6	9.9	9.5	6.9	4.4
55°	18.4	15.1	12.0	9.8	9.4	7.0	4.4
52.5°	19.3	15.5	12.4	9.6	9.4	7.1	4.4
50°	20.2	16.3	12.7	9.4	9.3	7.2	4.4
47.5°	21.0	16.9	13.1	9.3	9.2	7.3	4.4
45°	22.3	17.6	13.4	9.5	9.2	7.4	4.4
42.5°	23.5	18.3	13.8	9.8	9.2	7.5	4.4
40°	24.9	18.9	14.2	10.2	9.2	7.6	4.4
37.5°	26.3	19.4	14.6	10.7	9.2	7.6	4.4
35°	27.7	20.3	15.0	11.2	9.2	7.7	4.4
32.5°	29.2	21.4	15.4	11.8	9.2	7.7	4.4
30°	30.9	22.5	15.8	12.4	9.2	7.8	4.4
27.5°	32.6	23.5	16.9	12.9	9.2	7.8	4.4
25°	34.4	24.6	18.2	13.5	9.3	7.8	4.4
22.5°	36.2	26.1	19.6	14.1	9.3	7.9	4.4
20°	37.9	28.9	21.0	14.7	9.4	7.9	4.4
17.5°	41.2	31.7	22.4	15.3	9.5	7.9	4.4
15°	45.3	34.6	23.8	15.9	9.5	7.9	4.4
12.5°	49.4	37.5	25.3	16.4	9.6	7.9	4.4
10°	53.4	40.3	26.7	17.0	9.7	7.8	4.4
7.5°	57.4	43.1	28.1	17.5	9.7	7.8	4.4
5°	61.2	45.7	29.5	18.0	9.8	7.8	4.4
2.5°	64.9	48.3	30.8	18.4	9.8	7.7	4.4
0°	68.4	50.7	32.0	18.8	9.9	7.7	4.4
-2.5°	85.5	60.6	37.2	21.1	10.7	7.8	4.4
-5°	102.3	70.2	42.2	23.3	11.4	8.0	4.4
-7.5°	118.3	79.4	47.0	25.4	12.2	8.1	4.4
-10°	133.6	88.1	51.5	27.4	12.9	8.2	4.4
-12.5°	147.7	96.1	55.7	29.2	13.5	8.3	4.4
-15°	160.7	103.4	59.5	30.9	14.1	8.4	4.4
-17.5°	172.2	109.8	62.9	32.4	14.7	8.5	4.4
-20°	184.7	115.2	65.8	33.7	15.2	8.6	4.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	199.7	119.6	68.1	34.7	15.7	8.6	4.4
-25°	212.5	126.4	69.9	35.6	16.1	8.7	4.4
-27.5°	223.0	133.2	71.1	36.1	16.4	8.7	4.4
-30°	230.8	138.5	71.9	36.4	16.7	8.7	4.4
-32.5°	236.1	142.2	74.6	36.4	16.9	8.7	4.4
-35°	239.9	144.3	76.4	36.1	17.0	8.7	4.4
-37.5°	241.6	145.2	77.2	35.5	17.0	8.7	4.4
-40°	240.9	145.8	77.0	34.7	16.9	8.6	4.4
-42.5°	237.7	144.7	76.6	33.9	16.8	8.6	4.4
-45°	231.9	142.1	76.1	33.5	16.5	8.5	4.4
-47.5°	223.6	137.8	74.8	32.6	16.2	8.4	4.4
-50°	215.5	132.0	72.7	32.3	15.8	8.3	4.4
-52.5°	205.5	124.7	69.8	32.0	15.3	8.2	4.4
-55°	193.3	118.5	66.1	31.3	14.8	8.0	4.4
-57.5°	179.0	111.7	61.7	30.2	14.1	7.9	4.4
-60°	163.3	103.7	56.6	28.8	13.4	7.7	4.4
-62.5°	150.2	94.5	53.0	27.1	12.9	7.5	4.4
-65°	135.7	84.4	48.9	25.1	12.4	7.3	4.4
-67.5°	119.8	75.0	44.3	22.8	11.8	7.1	4.4
-70°	102.6	66.5	39.2	20.3	11.2	6.9	4.4
-72.5°	88.3	57.3	33.7	18.6	10.6	6.7	4.4
-75°	73.6	47.5	27.8	17.0	9.9	6.5	4.4
-77.5°	58.2	37.2	24.0	15.3	9.2	6.2	4.4
-80°	42.2	29.9	20.6	13.5	8.5	6.0	4.4
-82.5°	32.8	24.2	17.1	11.6	7.8	5.7	4.4
-85°	24.2	18.3	13.5	9.7	7.0	5.5	4.4
-87.5°	15.4	12.3	9.8	7.7	6.3	5.2	4.4
-90°	4.4	4.7	5.0	5.2	5.5	5.0	4.4

(END OF REPORT)