

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: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

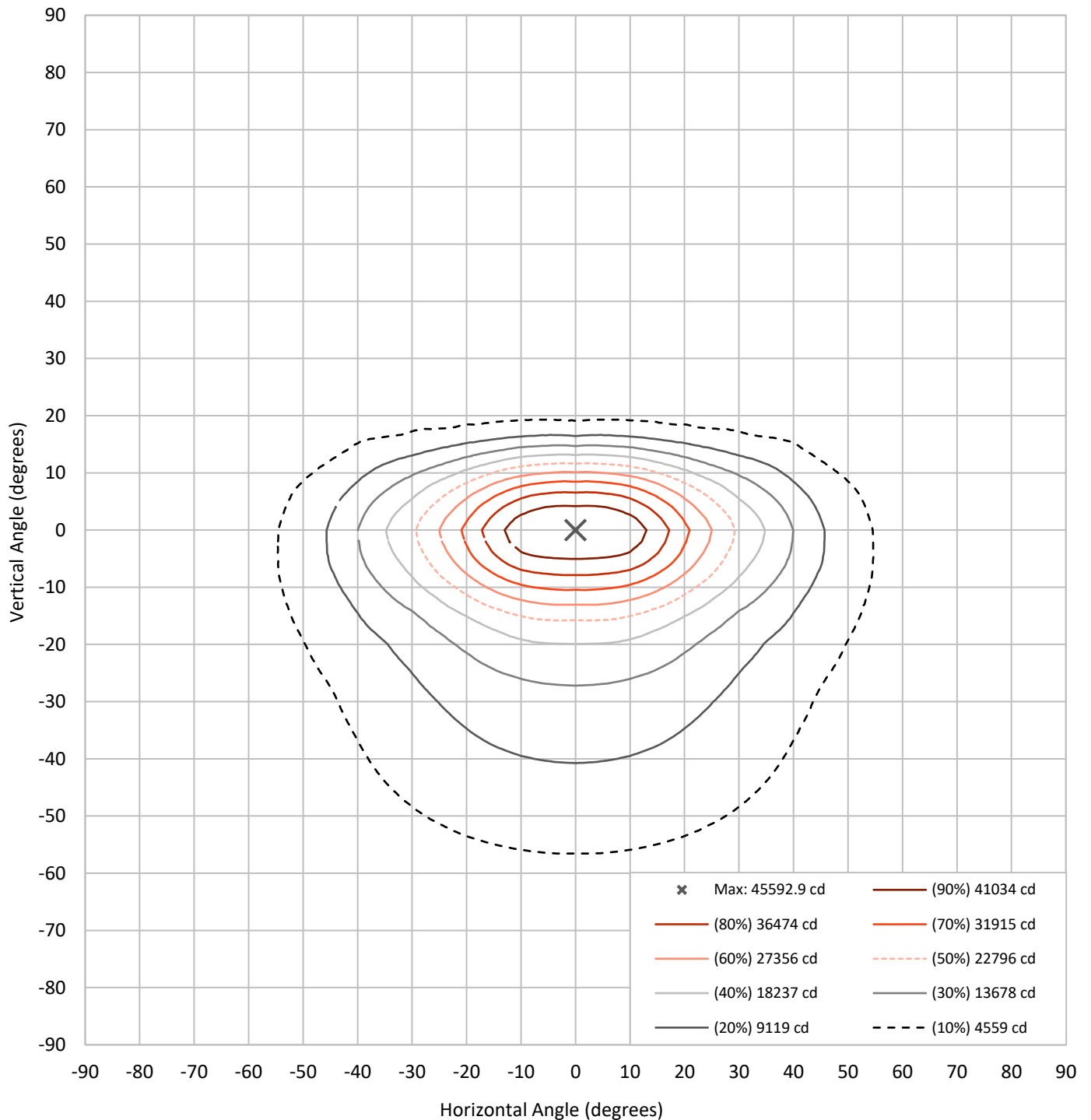
Test Method: LM-79-08
Report Number: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	30677.8 lumens	Max Intensity:	45592.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	12110.4 lumens	Field Lumens:	26997.1 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
Input Watts (W):	554		
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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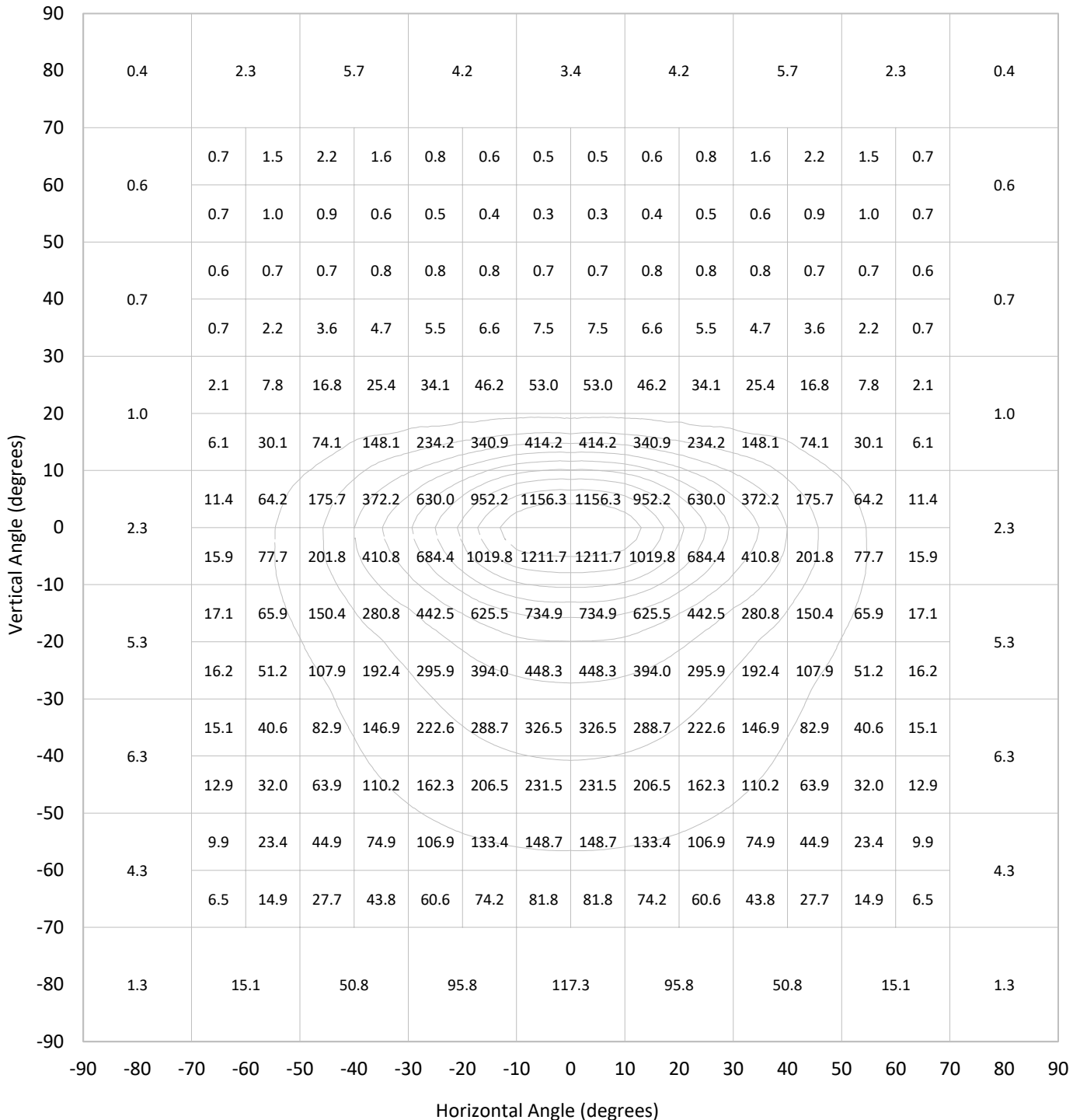
Iso-Candela Plot





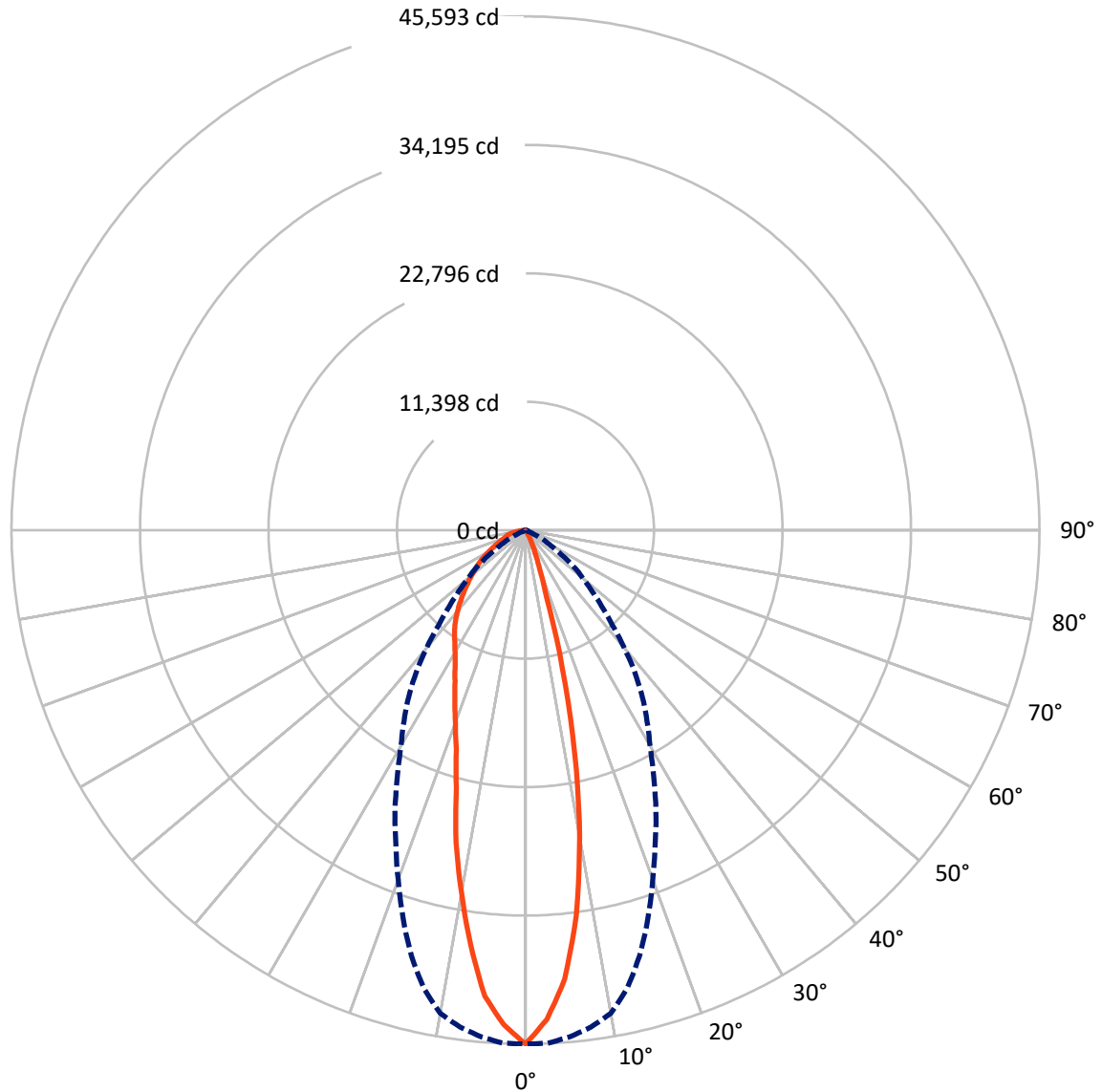
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Lumen Table



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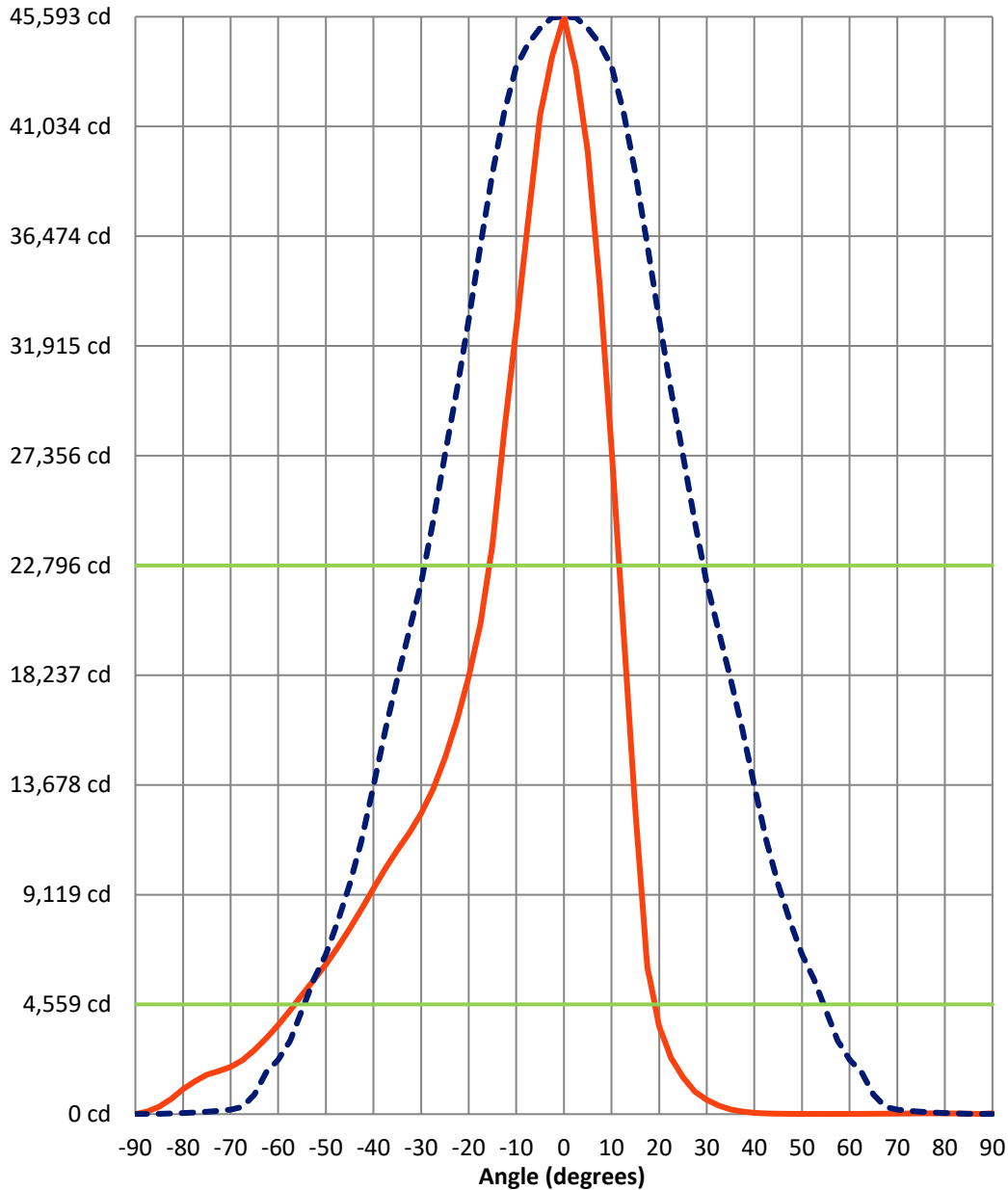
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 12110.4
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 26997.1
 Efficiency: 88.0%

Spill:
 Lumens: 3680.7
 Efficiency: 12.0%

— 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°	6.6	7.5	8.3	8.7	9.1	9.5	9.9	10.3	10.8	11.2	11.6
87.5°	6.6	6.9	7.3	7.8	8.5	9.2	10.0	10.2	10.3	10.3	10.1
85°	6.6	7.2	8.0	9.1	10.3	11.8	13.5	13.9	14.0	13.9	13.6
82.5°	6.6	7.5	8.8	10.3	12.2	14.4	16.9	17.5	17.8	19.1	21.5
80°	6.6	7.8	9.5	11.5	14.0	16.9	20.0	20.9	23.1	26.7	31.7
77.5°	6.6	8.0	10.2	12.7	15.8	18.8	21.5	24.0	28.1	33.9	39.8
75°	6.6	8.3	10.8	13.9	17.3	19.6	23.0	26.9	32.5	37.2	42.1
72.5°	6.6	8.6	11.5	15.0	17.6	20.4	24.3	29.2	34.1	39.1	44.4
70°	6.6	8.8	12.1	15.9	17.8	21.0	25.5	30.4	35.5	40.9	46.0
67.5°	6.6	9.1	12.8	15.9	18.0	21.6	26.5	31.5	36.9	42.2	47.5
65°	6.6	9.3	13.3	15.8	18.1	22.3	27.5	32.5	38.0	43.4	49.3
62.5°	6.6	9.6	13.9	15.6	18.2	23.2	28.5	33.4	38.9	44.8	52.2
60°	6.6	9.8	14.5	15.5	18.1	24.1	29.4	34.2	39.8	46.9	54.7
57.5°	6.6	10.0	14.3	15.3	18.9	25.0	30.5	35.0	41.2	48.8	55.7
55°	6.6	10.2	14.2	15.0	19.6	25.8	31.6	36.1	42.6	50.1	55.9
52.5°	6.6	10.4	14.1	14.7	20.3	26.7	32.8	37.6	43.8	50.2	55.9
50°	6.6	10.6	14.0	14.4	21.0	27.8	34.1	39.2	44.4	50.1	53.2
47.5°	6.6	10.8	13.9	14.2	21.6	29.0	35.4	40.8	44.3	50.0	50.5
45°	6.6	11.0	13.9	14.7	22.3	30.1	36.8	42.4	45.3	48.0	48.1
42.5°	6.6	11.1	13.8	15.1	22.9	31.2	38.1	43.8	46.5	46.3	45.9
40°	6.6	11.2	13.8	15.8	23.6	32.4	39.5	44.9	47.7	45.2	43.9
37.5°	6.6	11.4	13.8	16.7	24.4	33.5	40.9	46.2	48.5	46.3	42.3
35°	6.6	11.5	13.8	17.6	25.3	34.6	42.2	47.6	49.8	48.4	42.6
32.5°	6.6	11.6	13.8	18.4	26.1	35.6	43.4	49.1	51.5	51.5	50.9
30°	6.6	11.6	13.9	19.3	26.9	36.6	44.6	50.6	53.5	55.7	61.4
27.5°	6.6	11.7	13.9	20.2	28.5	37.5	45.7	52.2	56.3	60.9	73.8
25°	6.6	11.8	14.0	21.1	30.3	38.4	46.9	53.9	60.3	69.7	89.4
22.5°	6.6	11.8	14.1	22.0	32.1	39.9	48.1	55.9	64.9	80.9	140.1
20°	6.6	11.8	14.2	22.8	33.9	43.0	49.2	57.9	69.9	92.9	198.1
17.5°	6.6	11.8	14.2	23.6	35.7	46.3	53.5	60.1	75.3	105.6	261.7
15°	6.6	11.8	14.3	24.4	37.4	49.7	59.9	66.1	80.9	118.7	329.3
12.5°	6.6	11.8	14.4	25.2	39.1	53.1	66.7	77.4	93.9	132.1	399.2
10°	6.6	11.8	14.5	25.9	40.8	56.6	73.6	89.0	112.9	163.6	477.3
7.5°	6.6	11.8	14.6	26.6	42.3	60.0	80.6	100.8	132.1	198.3	570.4
5°	6.6	11.7	14.7	27.2	43.8	63.3	87.6	112.7	151.4	233.0	659.8
2.5°	6.6	11.7	14.8	27.7	45.2	66.6	94.5	124.4	170.4	267.1	743.2
0°	6.6	11.6	14.9	28.2	46.4	69.6	101.1	135.9	188.9	299.9	818.4
-2.5°	6.6	11.8	16.1	31.6	54.2	84.7	127.5	179.4	255.0	391.0	910.5
-5°	6.6	12.1	17.2	35.0	61.8	99.4	153.2	221.9	319.2	479.0	992.2
-7.5°	6.6	12.3	18.3	38.2	69.0	113.5	177.8	262.6	380.9	562.7	1063.7
-10°	6.6	12.5	19.3	41.2	75.9	126.8	201.0	301.0	438.9	641.1	1125.1
-12.5°	6.6	12.7	20.3	43.9	82.3	139.2	222.6	336.6	492.6	710.3	1150.1
-15°	6.6	12.9	21.3	46.5	88.0	150.4	242.1	368.8	536.4	752.3	1155.6
-17.5°	6.6	13.0	22.2	48.7	93.2	160.4	259.3	396.7	569.9	788.9	1155.7
-20°	6.6	13.2	23.0	50.6	97.6	169.0	275.5	420.9	599.4	819.9	1151.5



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 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.6	13.3	23.7	52.2	101.2	176.0	291.8	441.6	624.6	844.9	1144.0
-25°	6.6	13.4	24.3	53.4	104.0	185.0	305.7	458.7	645.4	863.7	1133.8
-27.5°	6.6	13.5	24.9	54.3	105.9	193.7	317.0	472.0	661.7	879.3	1149.4
-30°	6.6	13.5	25.3	54.7	107.2	200.5	325.7	481.2	674.6	894.7	1158.5
-32.5°	6.6	13.5	25.6	54.7	110.7	205.3	331.6	489.4	683.2	904.2	1159.8
-35°	6.6	13.5	25.8	54.3	112.9	208.0	336.2	494.8	686.4	907.6	1153.0
-37.5°	6.6	13.5	25.9	53.4	113.8	209.3	338.5	496.3	684.0	905.0	1115.3
-40°	6.6	13.4	25.9	52.0	113.3	209.7	337.6	493.9	676.0	896.6	1075.9
-42.5°	6.6	13.3	25.8	50.8	112.5	208.0	333.7	487.6	667.0	860.2	1030.9
-45°	6.6	13.2	25.5	49.9	111.5	204.1	326.6	478.2	655.0	816.8	980.8
-47.5°	6.6	13.1	25.2	48.4	109.2	198.1	316.4	465.6	637.6	769.7	927.6
-50°	6.6	12.9	24.7	47.9	105.8	189.9	305.2	448.9	599.8	726.1	870.0
-52.5°	6.6	12.7	24.1	47.4	101.3	179.7	291.4	428.1	559.8	678.6	809.0
-55°	6.6	12.5	23.4	46.5	95.7	170.6	274.6	403.7	517.7	627.3	750.0
-57.5°	6.6	12.2	22.6	45.0	88.9	160.4	255.1	377.8	473.1	575.1	686.6
-60°	6.6	12.0	21.6	43.1	81.3	148.5	233.4	343.3	427.3	520.9	621.1
-62.5°	6.6	11.7	20.8	40.7	76.4	135.0	214.3	305.5	384.0	464.1	556.1
-65°	6.6	11.4	19.9	37.9	70.6	120.2	193.1	268.7	339.4	412.1	488.3
-67.5°	6.6	11.0	19.0	34.7	64.2	106.6	169.9	236.7	293.7	360.5	427.2
-70°	6.6	10.7	18.0	31.1	57.0	94.7	144.9	204.0	256.8	307.9	368.6
-72.5°	6.6	10.3	16.9	28.5	49.3	81.8	124.7	170.8	219.7	266.7	311.9
-75°	6.6	10.0	15.8	26.0	41.0	68.1	104.1	141.2	182.0	225.3	267.0
-77.5°	6.6	9.6	14.6	23.3	35.5	53.6	82.5	112.0	145.1	182.5	221.7
-80°	6.6	9.2	13.4	20.5	30.5	43.2	60.0	82.1	107.3	136.0	168.1
-82.5°	6.6	8.7	12.1	17.7	25.3	35.0	46.8	56.7	68.7	88.6	110.9
-85°	6.6	8.3	10.9	14.7	20.0	26.6	34.7	41.4	48.6	56.4	64.7
-87.5°	6.6	7.9	9.6	11.7	14.6	18.1	22.3	25.9	29.7	33.8	38.2
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



REPORT NUMBER: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.0	12.5	12.9	13.3	14.5	15.8	17.0	18.2	20.3	22.4	24.4
87.5°	10.8	11.6	12.4	13.2	12.7	11.9	11.1	10.1	10.9	11.7	12.5
85°	15.0	16.5	18.6	20.4	20.3	20.4	20.7	21.2	22.6	23.8	24.8
82.5°	24.3	26.5	28.0	29.0	30.5	32.5	35.1	39.0	41.2	42.6	43.4
80°	34.7	36.5	38.0	40.7	45.7	51.4	57.6	64.3	66.5	66.7	66.1
77.5°	41.6	44.3	48.8	55.0	62.4	69.6	77.4	85.7	88.1	87.6	86.4
75°	46.1	51.5	58.3	66.7	75.7	85.0	94.7	103.7	106.2	103.5	100.0
72.5°	49.7	56.7	65.8	76.9	87.0	96.4	106.5	117.2	120.8	115.0	107.8
70°	52.1	61.1	72.0	83.7	95.2	105.4	114.9	125.1	131.0	121.1	106.8
67.5°	54.2	65.3	77.2	89.2	99.6	109.4	120.1	123.4	124.8	109.9	94.6
65°	57.2	69.1	79.9	90.6	101.8	105.0	107.3	109.5	107.2	90.2	73.6
62.5°	60.2	70.0	80.4	88.6	91.3	92.9	91.0	86.6	80.7	69.0	55.3
60°	61.1	69.8	76.5	79.0	79.7	76.3	71.1	65.8	59.6	49.9	40.5
57.5°	61.4	65.8	68.4	68.9	65.7	60.2	55.1	48.3	43.0	36.9	29.3
55°	59.9	59.1	60.3	58.2	53.6	47.8	41.7	37.1	30.9	27.3	22.8
52.5°	55.8	53.4	52.3	49.0	43.8	38.5	33.5	29.1	25.5	21.5	18.7
50°	52.1	49.0	45.5	41.5	37.5	33.9	28.4	25.2	22.2	19.1	16.6
47.5°	48.7	45.0	39.8	36.5	36.0	33.8	28.4	23.5	20.8	20.7	18.4
45°	45.7	42.6	36.6	37.3	38.3	38.2	34.4	23.0	25.6	26.1	24.8
42.5°	43.1	41.8	43.5	39.6	45.8	49.3	46.3	38.5	34.2	38.0	39.6
40°	43.4	42.8	57.3	56.9	57.8	66.8	71.1	65.5	50.5	59.8	64.1
37.5°	45.1	60.2	78.2	84.0	78.8	94.1	103.4	109.7	97.9	90.2	103.5
35°	48.0	81.9	108.7	121.2	121.9	130.8	154.8	164.7	156.8	144.7	155.4
32.5°	62.6	107.8	144.8	166.1	185.7	194.9	216.3	226.4	235.0	235.1	230.6
30°	93.8	142.0	186.7	215.8	263.0	305.9	296.6	298.8	330.5	362.8	378.5
27.5°	146.9	184.5	233.4	286.0	358.1	441.6	456.6	414.2	457.3	516.9	569.8
25°	213.7	312.8	283.2	369.7	489.7	605.6	667.2	696.5	637.6	724.3	849.4
22.5°	306.0	475.5	476.9	460.8	637.7	799.6	951.3	1096.7	1171.9	1077.6	1207.7
20°	430.6	649.4	719.4	797.2	859.0	1020.2	1282.1	1599.3	1889.8	2054.2	1978.8
17.5°	573.6	839.3	1000.1	1208.3	1414.0	1502.0	1668.7	2188.1	2752.1	3232.1	3490.3
15°	731.1	1042.1	1303.6	1661.7	2031.6	2310.3	2599.3	3045.6	3790.0	4611.2	5268.7
12.5°	898.5	1254.6	1624.4	2147.6	2697.1	3155.6	3670.8	4349.4	5208.2	6232.7	7303.6
10°	1071.0	1472.8	1956.0	2655.3	3396.5	4026.0	4763.3	5653.5	6750.1	8026.4	9372.4
7.5°	1253.8	1686.4	2282.8	3172.8	4114.4	4908.8	5862.1	6945.4	8276.0	9793.2	11415.9
5°	1430.8	1887.9	2555.3	3589.0	4696.9	5653.8	6863.2	8207.5	9767.7	11512.8	13425.1
2.5°	1595.9	2080.9	2813.4	3969.9	5169.6	6163.0	7458.0	8903.4	10663.4	12720.9	14932.7
0°	1744.5	2263.1	3053.3	4320.7	5606.3	6636.8	8003.6	9541.0	11375.0	13633.1	15957.5
-2.5°	1808.9	2358.1	3161.4	4373.0	5595.5	6645.4	7960.6	9529.0	11297.6	13450.5	15730.5
-5°	1854.5	2438.4	3246.7	4391.9	5548.5	6614.4	7868.8	9444.8	11051.6	12966.6	15009.2
-7.5°	1883.3	2502.2	3308.2	4359.7	5395.3	6371.5	7462.7	8805.1	10270.2	11974.8	13773.1
-10°	1889.3	2495.3	3215.9	4149.8	5097.6	5992.7	6965.1	8130.8	9440.9	10931.6	12495.1
-12.5°	1830.6	2426.3	3085.7	3925.0	4789.5	5599.2	6450.6	7441.0	8576.5	9858.0	11242.1
-15°	1767.0	2348.1	2945.8	3690.6	4478.3	5197.8	5928.3	6749.7	7757.1	8924.6	10118.2
-17.5°	1701.5	2262.1	2799.0	3452.0	4171.2	4794.5	5433.9	6214.0	7116.7	8100.6	9072.2
-20°	1637.3	2169.6	2648.0	3213.7	3872.8	4461.3	5084.9	5770.3	6528.1	7329.9	8102.4



REPORT NUMBER: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1577.0	2071.9	2508.5	3013.8	3616.3	4180.6	4737.6	5326.5	5954.0	6603.2	7418.3
-25°	1536.5	1978.1	2386.7	2855.2	3375.5	3896.4	4387.7	4893.9	5434.1	6152.1	6907.1
-27.5°	1511.4	1898.2	2279.7	2696.0	3145.0	3615.9	4060.6	4507.2	5109.3	5755.4	6423.5
-30°	1486.8	1818.7	2168.2	2545.5	2954.3	3362.7	3745.6	4250.1	4811.6	5402.7	5996.9
-32.5°	1439.8	1735.3	2066.7	2415.8	2777.0	3130.7	3530.4	4026.6	4541.5	5061.2	5597.6
-35°	1381.5	1661.7	1967.0	2284.0	2607.8	2957.6	3362.9	3799.7	4272.8	4756.2	5285.5
-37.5°	1330.7	1581.6	1863.7	2159.3	2462.7	2807.2	3179.7	3587.9	4019.0	4471.1	4976.5
-40°	1274.2	1495.3	1765.9	2043.1	2328.0	2649.9	3000.8	3371.6	3768.6	4200.9	4654.4
-42.5°	1213.7	1426.6	1665.2	1923.8	2194.7	2489.1	2807.8	3156.5	3526.8	3920.4	4335.8
-45°	1157.5	1352.8	1562.7	1804.3	2054.8	2322.6	2618.1	2931.2	3282.1	3644.4	4018.7
-47.5°	1095.1	1275.8	1474.6	1676.7	1911.4	2158.2	2420.1	2716.3	3026.4	3362.9	3708.4
-50°	1027.8	1199.3	1374.3	1559.2	1764.5	1990.1	2229.4	2495.9	2782.9	3076.8	3387.6
-52.5°	958.6	1116.2	1274.5	1439.2	1622.4	1822.9	2040.4	2276.4	2534.6	2804.2	3072.4
-55°	884.8	1030.3	1171.2	1320.9	1480.6	1659.2	1851.4	2061.7	2278.4	2523.9	2760.1
-57.5°	810.2	938.3	1066.5	1202.4	1344.8	1494.3	1669.4	1847.4	2042.8	2244.7	2441.5
-60°	733.1	844.8	958.8	1081.6	1210.2	1345.7	1488.2	1647.2	1812.7	1976.0	2149.3
-62.5°	653.0	751.6	852.0	957.2	1072.7	1194.7	1322.1	1454.7	1591.1	1733.1	1873.2
-65°	575.8	659.4	747.0	839.0	931.6	1043.4	1156.2	1267.7	1387.0	1502.0	1614.3
-67.5°	497.2	576.4	650.1	721.9	807.3	903.3	991.8	1092.9	1192.8	1287.4	1378.8
-70°	432.1	495.5	563.1	628.1	695.4	777.0	863.9	944.2	1019.8	1099.2	1184.9
-72.5°	369.3	430.5	487.1	539.0	607.2	683.6	754.9	821.2	893.3	968.6	1037.9
-75°	311.9	365.3	420.5	471.6	528.3	595.0	666.8	734.3	795.6	856.6	919.7
-77.5°	256.6	296.7	343.2	395.6	451.8	503.7	560.5	621.6	678.9	737.1	798.7
-80°	197.0	225.6	257.2	293.5	335.3	381.1	430.2	482.5	528.3	570.4	612.0
-82.5°	132.6	154.4	176.4	198.7	222.1	246.7	273.9	307.2	336.9	366.7	396.9
-85°	73.4	82.6	97.7	113.0	126.0	139.7	154.2	169.3	183.4	197.2	210.7
-87.5°	42.8	47.6	52.7	57.9	61.4	64.7	67.9	70.9	74.9	78.8	82.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	26.5	26.9	27.4	27.8	28.2	29.4	30.7	31.9	33.1	32.7	32.3
87.5°	13.4	13.2	13.0	12.8	12.5	13.8	15.0	16.4	17.7	16.2	14.7
85°	25.5	25.6	25.6	25.6	25.4	27.1	28.8	30.5	32.1	29.6	27.0
82.5°	43.7	43.0	41.5	39.4	36.8	36.2	35.5	34.4	33.2	31.8	30.5
80°	64.9	61.8	57.8	53.1	47.9	45.1	42.5	39.5	36.3	35.3	34.5
77.5°	83.7	78.0	71.2	63.7	55.8	51.0	47.0	42.8	38.4	37.5	37.1
75°	95.6	88.3	78.3	67.9	57.3	50.6	45.7	41.0	36.3	34.9	34.3
72.5°	99.2	89.1	77.5	64.5	52.0	44.1	39.5	35.5	31.8	30.3	29.6
70°	92.9	79.3	66.4	54.0	42.5	35.1	32.0	29.2	26.9	25.8	25.4
67.5°	78.5	64.3	52.2	41.7	33.4	28.0	26.2	24.5	23.1	22.1	21.4
65°	59.7	48.5	39.7	32.7	27.4	24.1	22.6	21.2	19.9	18.8	18.1
62.5°	43.8	35.7	30.5	26.5	23.4	21.2	19.8	18.6	17.7	16.9	16.3
60°	33.0	27.4	24.2	21.7	19.7	18.3	17.5	16.8	16.0	15.3	14.7
57.5°	25.2	21.8	19.5	18.3	17.4	16.8	16.1	15.3	14.5	13.8	13.1
55°	19.9	18.2	16.9	16.5	16.1	15.5	14.7	14.1	13.3	12.3	11.5
52.5°	16.8	16.6	16.6	16.3	15.8	15.3	14.8	13.8	12.8	11.8	11.2
50°	16.6	16.7	16.8	16.5	16.0	15.5	15.0	14.2	13.6	12.9	12.5
47.5°	17.2	17.4	18.4	16.9	16.6	17.0	16.7	16.1	15.9	15.5	15.1
45°	20.2	23.7	24.7	23.3	20.5	22.8	22.1	19.5	21.0	20.8	19.5
42.5°	36.0	39.8	42.7	40.8	35.0	36.9	36.9	33.0	34.0	34.2	32.7
40°	68.7	67.4	72.1	70.2	63.8	61.5	64.2	59.6	58.8	61.0	58.4
37.5°	113.1	113.9	111.8	112.0	109.7	103.6	107.2	106.0	102.2	109.4	110.2
35°	176.8	182.3	165.0	171.8	174.8	168.1	172.3	184.4	176.6	193.3	197.8
32.5°	262.2	273.5	265.4	257.5	270.5	280.9	285.7	311.3	318.1	333.2	351.1
30°	367.4	396.9	420.2	405.6	404.0	440.7	461.8	496.2	529.5	549.5	586.0
27.5°	586.3	577.2	632.6	649.1	612.6	671.2	750.7	765.8	867.3	875.5	946.5
25°	926.6	921.8	938.5	1019.0	1039.4	1068.8	1205.3	1277.3	1393.7	1456.6	1511.0
22.5°	1383.5	1512.7	1534.7	1497.7	1674.5	1790.1	1828.2	2035.7	2130.7	2272.4	2315.0
20°	1955.1	2255.4	2634.8	2640.8	2568.1	2901.0	3039.0	3148.1	3380.1	3541.7	3651.3
17.5°	3453.4	3451.1	4226.0	4654.1	4605.7	4845.5	5523.7	5453.8	6001.8	6334.0	6348.0
15°	5652.4	6062.2	6553.9	7330.6	7991.6	8524.4	9168.4	10009.9	10691.3	11491.7	12099.3
12.5°	8168.1	8975.2	9816.9	10702.8	11740.2	12918.2	14199.4	15321.0	16655.2	17822.9	19030.3
10°	10688.7	11967.1	13155.0	14479.0	15953.4	17522.6	19401.5	21043.2	23016.9	24748.0	25886.0
7.5°	13000.0	14533.6	16139.2	18063.7	20121.6	22092.1	24219.2	26521.8	28830.9	30831.0	32529.4
5°	15259.1	16983.2	18762.8	20882.7	23234.5	25703.5	28335.7	31058.9	33478.4	35756.8	37739.9
2.5°	17031.4	19006.3	21039.4	23436.5	25966.7	28468.9	31103.9	34035.4	36849.3	39514.0	41551.3
0°	18084.7	20066.2	22060.9	24600.6	27378.9	30067.8	33005.1	36126.4	39096.9	41644.9	43533.6
-2.5°	17665.1	19595.1	21610.6	24119.8	26796.4	29301.8	32108.3	35131.8	38008.9	40589.5	42549.7
-5°	16716.4	18448.0	20295.6	22615.6	25119.7	27608.8	30360.2	33236.4	35718.5	38009.0	39766.5
-7.5°	15382.4	16979.8	18702.9	20850.9	23153.6	25327.3	27576.3	29896.8	32155.4	34114.4	35560.5
-10°	13965.5	15411.7	16894.9	18617.4	20580.0	22477.2	24374.8	26491.3	28352.7	29970.1	31162.6
-12.5°	12544.7	13732.6	14902.8	16219.9	17903.9	19611.4	21252.6	23027.3	24510.0	25844.3	26905.2
-15°	11180.8	12105.6	12993.5	14268.4	15751.3	17012.3	18022.2	19629.6	20636.1	21822.2	22563.9
-17.5°	9913.2	10651.6	11730.7	12826.6	13884.6	14920.9	16086.2	17037.8	18025.7	18994.5	19632.0
-20°	8915.8	9829.1	10741.2	11632.4	12541.3	13530.5	14452.9	15352.2	16213.2	16957.7	17468.8



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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°	8266.5	9077.3	9845.1	10647.1	11532.5	12363.1	13142.5	13970.6	14706.8	15262.7	15678.5
-25°	7643.1	8348.2	9095.2	9897.6	10646.8	11345.9	12063.6	12702.8	13331.0	13793.8	14182.9
-27.5°	7081.2	7750.1	8486.1	9197.2	9865.0	10518.4	11128.3	11657.8	12181.2	12551.4	12938.3
-30°	6592.4	7270.0	7939.3	8571.5	9198.7	9790.7	10328.4	10831.2	11270.3	11631.0	11955.3
-32.5°	6223.2	6837.6	7433.6	8025.1	8619.5	9165.3	9636.1	10119.0	10523.0	10868.8	11162.5
-35°	5858.1	6435.9	6986.8	7528.7	8075.9	8602.1	9057.9	9478.4	9876.1	10185.5	10454.7
-37.5°	5502.1	6040.9	6550.6	7038.0	7538.6	8023.7	8439.4	8834.5	9189.9	9475.9	9731.3
-40°	5143.5	5637.0	6092.8	6546.9	6996.6	7403.2	7793.9	8157.7	8462.3	8726.0	8958.3
-42.5°	4773.0	5207.5	5618.6	6034.2	6445.1	6804.8	7149.6	7476.5	7735.7	7969.4	8170.6
-45°	4401.1	4783.4	5160.1	5533.5	5871.5	6203.6	6516.3	6792.3	7026.0	7232.9	7407.4
-47.5°	4043.1	4368.1	4712.7	5053.2	5343.6	5627.9	5901.3	6135.3	6338.3	6519.3	6672.8
-50°	3685.4	3975.4	4276.0	4568.2	4834.5	5084.0	5313.2	5517.6	5702.6	5859.0	5990.8
-52.5°	3331.2	3600.5	3857.5	4095.1	4337.0	4566.4	4779.7	4958.4	5120.5	5265.2	5381.2
-55°	2993.2	3231.2	3471.5	3673.8	3869.4	4060.5	4238.0	4397.7	4544.6	4677.5	4781.6
-57.5°	2652.1	2859.7	3060.5	3241.9	3417.5	3586.1	3729.9	3855.1	3972.3	4079.7	4171.5
-60°	2322.9	2496.0	2665.5	2817.0	2963.1	3103.4	3226.0	3332.5	3426.9	3510.2	3585.4
-62.5°	2013.9	2162.6	2297.7	2419.9	2534.4	2648.7	2753.2	2845.3	2925.3	2993.8	3052.7
-65°	1729.8	1852.8	1960.9	2062.1	2157.1	2253.5	2337.3	2413.0	2480.3	2536.9	2582.3
-67.5°	1477.2	1573.5	1663.5	1741.8	1822.6	1904.6	1980.5	2046.7	2103.8	2149.1	2184.3
-70°	1264.1	1342.1	1422.8	1500.9	1577.8	1648.3	1713.9	1772.5	1824.7	1863.6	1894.7
-72.5°	1101.5	1167.2	1241.6	1320.5	1393.5	1463.6	1530.3	1592.4	1650.2	1687.2	1716.2
-75°	984.6	1052.5	1119.1	1184.8	1249.5	1311.2	1373.3	1436.6	1500.7	1538.4	1568.7
-77.5°	855.6	903.2	952.7	1006.4	1063.4	1118.7	1172.8	1226.2	1278.5	1304.7	1324.7
-80°	655.9	693.9	731.2	768.9	806.8	845.7	885.0	923.9	962.1	979.8	993.0
-82.5°	427.5	453.6	478.4	502.3	525.1	544.6	562.8	579.8	595.4	603.0	608.2
-85°	223.9	235.4	246.3	256.5	266.1	272.1	277.2	281.5	285.1	289.9	294.0
-87.5°	86.2	89.4	92.6	95.7	98.7	100.2	101.5	102.6	103.5	105.1	106.5
-90°	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.7	3.3	3.3	3.3



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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°	31.9	31.5	32.3	33.1	32.3	31.5	31.9	32.3	32.7	33.1	31.9
87.5°	13.2	11.6	10.7	9.9	10.7	11.6	13.2	14.7	16.2	17.7	16.4
85°	24.2	21.4	19.8	18.2	19.8	21.4	24.2	27.0	29.6	32.1	30.5
82.5°	29.3	28.1	28.2	28.2	28.2	28.1	29.3	30.5	31.8	33.2	34.4
80°	33.8	33.1	33.1	33.1	33.1	33.1	33.8	34.5	35.3	36.3	39.5
77.5°	36.7	36.4	35.6	34.8	35.6	36.4	36.7	37.1	37.5	38.4	42.8
75°	33.7	33.2	33.1	33.1	33.1	33.2	33.7	34.3	34.9	36.3	41.0
72.5°	29.0	28.4	28.2	28.2	28.2	28.4	29.0	29.6	30.3	31.8	35.5
70°	25.2	25.0	24.1	23.2	24.1	25.0	25.2	25.4	25.8	26.9	29.2
67.5°	20.8	20.1	19.9	19.9	19.9	20.1	20.8	21.4	22.1	23.1	24.5
65°	17.4	16.8	16.6	16.6	16.6	16.8	17.4	18.1	18.8	19.9	21.2
62.5°	15.7	15.1	14.2	13.3	14.2	15.1	15.7	16.3	16.9	17.7	18.6
60°	14.1	13.5	12.6	11.6	12.6	13.5	14.1	14.7	15.3	16.0	16.8
57.5°	12.5	11.9	11.6	11.6	11.6	11.9	12.5	13.1	13.8	14.5	15.3
55°	10.8	10.2	9.9	9.9	9.9	10.2	10.8	11.5	12.3	13.3	14.1
52.5°	10.7	10.1	9.9	9.9	9.9	10.1	10.7	11.2	11.8	12.8	13.8
50°	12.1	11.7	11.6	11.6	11.6	11.7	12.1	12.5	12.9	13.6	14.2
47.5°	14.5	13.7	13.3	13.3	13.3	13.7	14.5	15.1	15.5	15.9	16.1
45°	19.1	18.5	18.1	18.2	18.1	18.5	19.1	19.5	20.8	21.0	19.5
42.5°	33.0	32.1	30.8	29.8	30.8	32.1	33.0	32.7	34.2	34.0	33.0
40°	58.5	57.2	55.3	54.7	55.3	57.2	58.5	58.4	61.0	58.8	59.6
37.5°	111.7	110.8	107.2	106.0	107.2	110.8	111.7	110.2	109.4	102.2	106.0
35°	197.5	199.0	195.6	195.5	195.6	199.0	197.5	197.8	193.3	176.6	184.4
32.5°	357.1	360.9	350.8	356.2	350.8	360.9	357.1	351.1	333.2	318.1	311.3
30°	584.9	597.9	592.1	594.8	592.1	597.9	584.9	586.0	549.5	529.5	496.2
27.5°	953.4	963.2	943.1	936.0	943.1	963.2	953.4	946.5	875.5	867.3	765.8
25°	1541.7	1547.8	1528.2	1535.8	1528.2	1547.8	1541.7	1511.0	1456.6	1393.7	1277.3
22.5°	2401.5	2378.5	2356.7	2336.0	2356.7	2378.5	2401.5	2315.0	2272.4	2130.7	2035.7
20°	3753.1	3700.0	3693.0	3653.1	3693.0	3700.0	3753.1	3651.3	3541.7	3380.1	3148.1
17.5°	6686.9	6783.1	6569.4	6156.4	6569.4	6783.1	6686.9	6348.0	6334.0	6001.8	5453.8
15°	12457.2	12909.3	13103.5	12629.2	13103.5	12909.3	12457.2	12099.3	11491.7	10691.3	10009.9
12.5°	19696.7	20015.0	20400.5	20119.2	20400.5	20015.0	19696.7	19030.3	17822.9	16655.2	15321.0
10°	26863.5	27340.0	27923.5	27660.6	27923.5	27340.0	26863.5	25886.0	24748.0	23016.9	21043.2
7.5°	33464.1	34285.0	34797.8	34468.0	34797.8	34285.0	33464.1	32529.4	30831.0	28830.9	26521.8
5°	39097.2	39746.2	40055.3	39970.0	40055.3	39746.2	39097.2	37739.9	35756.8	33478.4	31058.9
2.5°	42709.7	43394.8	43671.8	43441.7	43671.8	43394.8	42709.7	41551.3	39514.0	36849.3	34035.4
0°	44475.4	45117.4	45558.1	45592.9	45558.1	45117.4	44475.4	43533.6	41644.9	39096.9	36126.4
-2.5°	43455.0	43845.2	44055.9	43915.5	44055.9	43845.2	43455.0	42549.7	40589.5	38008.9	35131.8
-5°	40782.6	41195.1	41329.0	41492.5	41329.0	41195.1	40782.6	39766.5	38009.0	35718.5	33236.4
-7.5°	36373.9	36826.4	37160.1	37146.1	37160.1	36826.4	36373.9	35560.5	34114.4	32155.4	29896.8
-10°	32049.6	32385.8	32733.9	32675.5	32733.9	32385.8	32049.6	31162.6	29970.1	28352.7	26491.3
-12.5°	27763.9	28324.9	28461.2	28420.2	28461.2	28324.9	27763.9	26905.2	25844.3	24510.0	23027.3
-15°	23408.3	23824.0	23789.9	23679.5	23789.9	23824.0	23408.3	22563.9	21822.2	20636.1	19629.6
-17.5°	20183.6	20412.8	20500.4	20414.1	20500.4	20412.8	20183.6	19632.0	18994.5	18025.7	17037.8
-20°	17889.0	18066.1	18125.7	18165.9	18125.7	18066.1	17889.0	17468.8	16957.7	16213.2	15352.2



REPORT NUMBER: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16036.6	16217.6	16270.0	16338.6	16270.0	16217.6	16036.6	15678.5	15262.7	14706.8	13970.6
-25°	14483.1	14659.9	14719.7	14787.9	14719.7	14659.9	14483.1	14182.9	13793.8	13331.0	12702.8
-27.5°	13197.8	13370.4	13442.3	13494.0	13442.3	13370.4	13197.8	12938.3	12551.4	12181.2	11657.8
-30°	12185.6	12355.5	12458.3	12491.7	12458.3	12355.5	12185.6	11955.3	11631.0	11270.3	10831.2
-32.5°	11382.5	11530.9	11627.4	11676.6	11627.4	11530.9	11382.5	11162.5	10868.8	10523.0	10119.0
-35°	10667.3	10816.2	10916.5	10967.5	10916.5	10816.2	10667.3	10454.7	10185.5	9876.1	9478.4
-37.5°	9935.9	10098.0	10204.2	10207.0	10204.2	10098.0	9935.9	9731.3	9475.9	9189.9	8834.5
-40°	9128.9	9257.5	9341.8	9375.4	9341.8	9257.5	9128.9	8958.3	8726.0	8462.3	8157.7
-42.5°	8319.6	8428.8	8497.0	8525.5	8497.0	8428.8	8319.6	8170.6	7969.4	7735.7	7476.5
-45°	7546.8	7656.9	7713.8	7705.4	7713.8	7656.9	7546.8	7407.4	7232.9	7026.0	6792.3
-47.5°	6790.8	6876.2	6922.9	6933.4	6922.9	6876.2	6790.8	6672.8	6519.3	6338.3	6135.3
-50°	6102.6	6193.2	6231.9	6221.0	6231.9	6193.2	6102.6	5990.8	5859.0	5702.6	5517.6
-52.5°	5476.9	5553.8	5587.2	5583.1	5587.2	5553.8	5476.9	5381.2	5265.2	5120.5	4958.4
-55°	4866.7	4933.2	4959.7	4955.2	4959.7	4933.2	4866.7	4781.6	4677.5	4544.6	4397.7
-57.5°	4247.6	4307.4	4325.2	4314.1	4325.2	4307.4	4247.6	4171.5	4079.7	3972.3	3855.1
-60°	3647.9	3697.1	3712.5	3706.1	3712.5	3697.1	3647.9	3585.4	3510.2	3426.9	3332.5
-62.5°	3101.3	3139.4	3155.0	3156.0	3155.0	3139.4	3101.3	3052.7	2993.8	2925.3	2845.3
-65°	2619.1	2647.4	2659.9	2662.3	2659.9	2647.4	2619.1	2582.3	2536.9	2480.3	2413.0
-67.5°	2212.7	2234.7	2242.4	2243.2	2242.4	2234.7	2212.7	2184.3	2149.1	2103.8	2046.7
-70°	1922.5	1947.1	1957.4	1963.2	1957.4	1947.1	1922.5	1894.7	1863.6	1824.7	1772.5
-72.5°	1743.3	1768.5	1780.4	1789.3	1780.4	1768.5	1743.3	1716.2	1687.2	1650.2	1592.4
-75°	1597.5	1624.3	1632.7	1636.8	1632.7	1624.3	1597.5	1568.7	1538.4	1500.7	1436.6
-77.5°	1342.1	1356.5	1361.9	1363.5	1361.9	1356.5	1342.1	1324.7	1304.7	1278.5	1226.2
-80°	1003.5	1011.0	1025.4	1037.1	1025.4	1011.0	1003.5	993.0	979.8	962.1	923.9
-82.5°	611.5	612.7	621.1	627.9	621.1	612.7	611.5	608.2	603.0	595.4	579.8
-85°	297.4	300.0	306.9	313.1	306.9	300.0	297.4	294.0	289.9	285.1	281.5
-87.5°	107.8	109.0	108.4	107.7	108.4	109.0	107.8	106.5	105.1	103.5	102.6
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	30.7	29.4	28.2	27.8	27.4	26.9	26.5	24.4	22.4	20.3	18.2
87.5°	15.0	13.8	12.5	12.8	13.0	13.2	13.4	12.5	11.7	10.9	10.1
85°	28.8	27.1	25.4	25.6	25.6	25.6	25.5	24.8	23.8	22.6	21.2
82.5°	35.5	36.2	36.8	39.4	41.5	43.0	43.7	43.4	42.6	41.2	39.0
80°	42.5	45.1	47.9	53.1	57.8	61.8	64.9	66.1	66.7	66.5	64.3
77.5°	47.0	51.0	55.8	63.7	71.2	78.0	83.7	86.4	87.6	88.1	85.7
75°	45.7	50.6	57.3	67.9	78.3	88.3	95.6	100.0	103.5	106.2	103.7
72.5°	39.5	44.1	52.0	64.5	77.5	89.1	99.2	107.8	115.0	120.8	117.2
70°	32.0	35.1	42.5	54.0	66.4	79.3	92.9	106.8	121.1	131.0	125.1
67.5°	26.2	28.0	33.4	41.7	52.2	64.3	78.5	94.6	109.9	124.8	123.4
65°	22.6	24.1	27.4	32.7	39.7	48.5	59.7	73.6	90.2	107.2	109.5
62.5°	19.8	21.2	23.4	26.5	30.5	35.7	43.8	55.3	69.0	80.7	86.6
60°	17.5	18.3	19.7	21.7	24.2	27.4	33.0	40.5	49.9	59.6	65.8
57.5°	16.1	16.8	17.4	18.3	19.5	21.8	25.2	29.3	36.9	43.0	48.3
55°	14.7	15.5	16.1	16.5	16.9	18.2	19.9	22.8	27.3	30.9	37.1
52.5°	14.8	15.3	15.8	16.3	16.6	16.6	16.8	18.7	21.5	25.5	29.1
50°	15.0	15.5	16.0	16.5	16.8	16.7	16.6	16.6	19.1	22.2	25.2
47.5°	16.7	17.0	16.6	16.9	18.4	17.4	17.2	18.4	20.7	20.8	23.5
45°	22.1	22.8	20.5	23.3	24.7	23.7	20.2	24.8	26.1	25.6	23.0
42.5°	36.9	36.9	35.0	40.8	42.7	39.8	36.0	39.6	38.0	34.2	38.5
40°	64.2	61.5	63.8	70.2	72.1	67.4	68.7	64.1	59.8	50.5	65.5
37.5°	107.2	103.6	109.7	112.0	111.8	113.9	113.1	103.5	90.2	97.9	109.7
35°	172.3	168.1	174.8	171.8	165.0	182.3	176.8	155.4	144.7	156.8	164.7
32.5°	285.7	280.9	270.5	257.5	265.4	273.5	262.2	230.6	235.1	235.0	226.4
30°	461.8	440.7	404.0	405.6	420.2	396.9	367.4	378.5	362.8	330.5	298.8
27.5°	750.7	671.2	612.6	649.1	632.6	577.2	586.3	569.8	516.9	457.3	414.2
25°	1205.3	1068.8	1039.4	1019.0	938.5	921.8	926.6	849.4	724.3	637.6	696.5
22.5°	1828.2	1790.1	1674.5	1497.7	1534.7	1512.7	1383.5	1207.7	1077.6	1171.9	1096.7
20°	3039.0	2901.0	2568.1	2640.8	2634.8	2255.4	1955.1	1978.8	2054.2	1889.8	1599.3
17.5°	5523.7	4845.5	4605.7	4654.1	4226.0	3451.1	3453.4	3490.3	3232.1	2752.1	2188.1
15°	9168.4	8524.4	7991.6	7330.6	6553.9	6062.2	5652.4	5268.7	4611.2	3790.0	3045.6
12.5°	14199.4	12918.2	11740.2	10702.8	9816.9	8975.2	8168.1	7303.6	6232.7	5208.2	4349.4
10°	19401.5	17522.6	15953.4	14479.0	13155.0	11967.1	10688.7	9372.4	8026.4	6750.1	5653.5
7.5°	24219.2	22092.1	20121.6	18063.7	16139.2	14533.6	13000.0	11415.9	9793.2	8276.0	6945.4
5°	28335.7	25703.5	23234.5	20882.7	18762.8	16983.2	15259.1	13425.1	11512.8	9767.7	8207.5
2.5°	31103.9	28468.9	25966.7	23436.5	21039.4	19006.3	17031.4	14932.7	12720.9	10663.4	8903.4
0°	33005.1	30067.8	27378.9	24600.6	22060.9	20066.2	18084.7	15957.5	13633.1	11375.0	9541.0
-2.5°	32108.3	29301.8	26796.4	24119.8	21610.6	19595.1	17665.1	15730.5	13450.5	11297.6	9529.0
-5°	30360.2	27608.8	25119.7	22615.6	20295.6	18448.0	16716.4	15009.2	12966.6	11051.6	9444.8
-7.5°	27576.3	25327.3	23153.6	20850.9	18702.9	16979.8	15382.4	13773.1	11974.8	10270.2	8805.1
-10°	24374.8	22477.2	20580.0	18617.4	16894.9	15411.7	13965.5	12495.1	10931.6	9440.9	8130.8
-12.5°	21252.6	19611.4	17903.9	16219.9	14902.8	13732.6	12544.7	11242.1	9858.0	8576.5	7441.0
-15°	18022.2	17012.3	15751.3	14268.4	12993.5	12105.6	11180.8	10118.2	8924.6	7757.1	6749.7
-17.5°	16086.2	14920.9	13884.6	12826.6	11730.7	10651.6	9913.2	9072.2	8100.6	7116.7	6214.0
-20°	14452.9	13530.5	12541.3	11632.4	10741.2	9829.1	8915.8	8102.4	7329.9	6528.1	5770.3



REPORT NUMBER: P1306275 (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°	13142.5	12363.1	11532.5	10647.1	9845.1	9077.3	8266.5	7418.3	6603.2	5954.0	5326.5
-25°	12063.6	11345.9	10646.8	9897.6	9095.2	8348.2	7643.1	6907.1	6152.1	5434.1	4893.9
-27.5°	11128.3	10518.4	9865.0	9197.2	8486.1	7750.1	7081.2	6423.5	5755.4	5109.3	4507.2
-30°	10328.4	9790.7	9198.7	8571.5	7939.3	7270.0	6592.4	5996.9	5402.7	4811.6	4250.1
-32.5°	9636.1	9165.3	8619.5	8025.1	7433.6	6837.6	6223.2	5597.6	5061.2	4541.5	4026.6
-35°	9057.9	8602.1	8075.9	7528.7	6986.8	6435.9	5858.1	5285.5	4756.2	4272.8	3799.7
-37.5°	8439.4	8023.7	7538.6	7038.0	6550.6	6040.9	5502.1	4976.5	4471.1	4019.0	3587.9
-40°	7793.9	7403.2	6996.6	6546.9	6092.8	5637.0	5143.5	4654.4	4200.9	3768.6	3371.6
-42.5°	7149.6	6804.8	6445.1	6034.2	5618.6	5207.5	4773.0	4335.8	3920.4	3526.8	3156.5
-45°	6516.3	6203.6	5871.5	5533.5	5160.1	4783.4	4401.1	4018.7	3644.4	3282.1	2931.2
-47.5°	5901.3	5627.9	5343.6	5053.2	4712.7	4368.1	4043.1	3708.4	3362.9	3026.4	2716.3
-50°	5313.2	5084.0	4834.5	4568.2	4276.0	3975.4	3685.4	3387.6	3076.8	2782.9	2495.9
-52.5°	4779.7	4566.4	4337.0	4095.1	3857.5	3600.5	3331.2	3072.4	2804.2	2534.6	2276.4
-55°	4238.0	4060.5	3869.4	3673.8	3471.5	3231.2	2993.2	2760.1	2523.9	2278.4	2061.7
-57.5°	3729.9	3586.1	3417.5	3241.9	3060.5	2859.7	2652.1	2441.5	2244.7	2042.8	1847.4
-60°	3226.0	3103.4	2963.1	2817.0	2665.5	2496.0	2322.9	2149.3	1976.0	1812.7	1647.2
-62.5°	2753.2	2648.7	2534.4	2419.9	2297.7	2162.6	2013.9	1873.2	1733.1	1591.1	1454.7
-65°	2337.3	2253.5	2157.1	2062.1	1960.9	1852.8	1729.8	1614.3	1502.0	1387.0	1267.7
-67.5°	1980.5	1904.6	1822.6	1741.8	1663.5	1573.5	1477.2	1378.8	1287.4	1192.8	1092.9
-70°	1713.9	1648.3	1577.8	1500.9	1422.8	1342.1	1264.1	1184.9	1099.2	1019.8	944.2
-72.5°	1530.3	1463.6	1393.5	1320.5	1241.6	1167.2	1101.5	1037.9	968.6	893.3	821.2
-75°	1373.3	1311.2	1249.5	1184.8	1119.1	1052.5	984.6	919.7	856.6	795.6	734.3
-77.5°	1172.8	1118.7	1063.4	1006.4	952.7	903.2	855.6	798.7	737.1	678.9	621.6
-80°	885.0	845.7	806.8	768.9	731.2	693.9	655.9	612.0	570.4	528.3	482.5
-82.5°	562.8	544.6	525.1	502.3	478.4	453.6	427.5	396.9	366.7	336.9	307.2
-85°	277.2	272.1	266.1	256.5	246.3	235.4	223.9	210.7	197.2	183.4	169.3
-87.5°	101.5	100.2	98.7	95.7	92.6	89.4	86.2	82.6	78.8	74.9	70.9
-90°	4.2	4.6	5.0	5.4	5.8	6.2	6.6	6.6	6.6	6.6	6.6



REPORT NUMBER: P1306275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	17.0	15.8	14.5	13.3	12.9	12.5	12.0	11.6	11.2	10.8	10.3
87.5°	11.1	11.9	12.7	13.2	12.4	11.6	10.8	10.1	10.3	10.3	10.2
85°	20.7	20.4	20.3	20.4	18.6	16.5	15.0	13.6	13.9	14.0	13.9
82.5°	35.1	32.5	30.5	29.0	28.0	26.5	24.3	21.5	19.1	17.8	17.5
80°	57.6	51.4	45.7	40.7	38.0	36.5	34.7	31.7	26.7	23.1	20.9
77.5°	77.4	69.6	62.4	55.0	48.8	44.3	41.6	39.8	33.9	28.1	24.0
75°	94.7	85.0	75.7	66.7	58.3	51.5	46.1	42.1	37.2	32.5	26.9
72.5°	106.5	96.4	87.0	76.9	65.8	56.7	49.7	44.4	39.1	34.1	29.2
70°	114.9	105.4	95.2	83.7	72.0	61.1	52.1	46.0	40.9	35.5	30.4
67.5°	120.1	109.4	99.6	89.2	77.2	65.3	54.2	47.5	42.2	36.9	31.5
65°	107.3	105.0	101.8	90.6	79.9	69.1	57.2	49.3	43.4	38.0	32.5
62.5°	91.0	92.9	91.3	88.6	80.4	70.0	60.2	52.2	44.8	38.9	33.4
60°	71.1	76.3	79.7	79.0	76.5	69.8	61.1	54.7	46.9	39.8	34.2
57.5°	55.1	60.2	65.7	68.9	68.4	65.8	61.4	55.7	48.8	41.2	35.0
55°	41.7	47.8	53.6	58.2	60.3	59.1	59.9	55.9	50.1	42.6	36.1
52.5°	33.5	38.5	43.8	49.0	52.3	53.4	55.8	55.9	50.2	43.8	37.6
50°	28.4	33.9	37.5	41.5	45.5	49.0	52.1	53.2	50.1	44.4	39.2
47.5°	28.4	33.8	36.0	36.5	39.8	45.0	48.7	50.5	50.0	44.3	40.8
45°	34.4	38.2	38.3	37.3	36.6	42.6	45.7	48.1	48.0	45.3	42.4
42.5°	46.3	49.3	45.8	39.6	43.5	41.8	43.1	45.9	46.3	46.5	43.8
40°	71.1	66.8	57.8	56.9	57.3	42.8	43.4	43.9	45.2	47.7	44.9
37.5°	103.4	94.1	78.8	84.0	78.2	60.2	45.1	42.3	46.3	48.5	46.2
35°	154.8	130.8	121.9	121.2	108.7	81.9	48.0	42.6	48.4	49.8	47.6
32.5°	216.3	194.9	185.7	166.1	144.8	107.8	62.6	50.9	51.5	51.5	49.1
30°	296.6	305.9	263.0	215.8	186.7	142.0	93.8	61.4	55.7	53.5	50.6
27.5°	456.6	441.6	358.1	286.0	233.4	184.5	146.9	73.8	60.9	56.3	52.2
25°	667.2	605.6	489.7	369.7	283.2	312.8	213.7	89.4	69.7	60.3	53.9
22.5°	951.3	799.6	637.7	460.8	476.9	475.5	306.0	140.1	80.9	64.9	55.9
20°	1282.1	1020.2	859.0	797.2	719.4	649.4	430.6	198.1	92.9	69.9	57.9
17.5°	1668.7	1502.0	1414.0	1208.3	1000.1	839.3	573.6	261.7	105.6	75.3	60.1
15°	2599.3	2310.3	2031.6	1661.7	1303.6	1042.1	731.1	329.3	118.7	80.9	66.1
12.5°	3670.8	3155.6	2697.1	2147.6	1624.4	1254.6	898.5	399.2	132.1	93.9	77.4
10°	4763.3	4026.0	3396.5	2655.3	1956.0	1472.8	1071.0	477.3	163.6	112.9	89.0
7.5°	5862.1	4908.8	4114.4	3172.8	2282.8	1686.4	1253.8	570.4	198.3	132.1	100.8
5°	6863.2	5653.8	4696.9	3589.0	2555.3	1887.9	1430.8	659.8	233.0	151.4	112.7
2.5°	7458.0	6163.0	5169.6	3969.9	2813.4	2080.9	1595.9	743.2	267.1	170.4	124.4
0°	8003.6	6636.8	5606.3	4320.7	3053.3	2263.1	1744.5	818.4	299.9	188.9	135.9
-2.5°	7960.6	6645.4	5595.5	4373.0	3161.4	2358.1	1808.9	910.5	391.0	255.0	179.4
-5°	7868.8	6614.4	5548.5	4391.9	3246.7	2438.4	1854.5	992.2	479.0	319.2	221.9
-7.5°	7462.7	6371.5	5395.3	4359.7	3308.2	2502.2	1883.3	1063.7	562.7	380.9	262.6
-10°	6965.1	5992.7	5097.6	4149.8	3215.9	2495.3	1889.3	1125.1	641.1	438.9	301.0
-12.5°	6450.6	5599.2	4789.5	3925.0	3085.7	2426.3	1830.6	1150.1	710.3	492.6	336.6
-15°	5928.3	5197.8	4478.3	3690.6	2945.8	2348.1	1767.0	1155.6	752.3	536.4	368.8
-17.5°	5433.9	4794.5	4171.2	3452.0	2799.0	2262.1	1701.5	1155.7	788.9	569.9	396.7
-20°	5084.9	4461.3	3872.8	3213.7	2648.0	2169.6	1637.3	1151.5	819.9	599.4	420.9



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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°	4737.6	4180.6	3616.3	3013.8	2508.5	2071.9	1577.0	1144.0	844.9	624.6	441.6
-25°	4387.7	3896.4	3375.5	2855.2	2386.7	1978.1	1536.5	1133.8	863.7	645.4	458.7
-27.5°	4060.6	3615.9	3145.0	2696.0	2279.7	1898.2	1511.4	1149.4	879.3	661.7	472.0
-30°	3745.6	3362.7	2954.3	2545.5	2168.2	1818.7	1486.8	1158.5	894.7	674.6	481.2
-32.5°	3530.4	3130.7	2777.0	2415.8	2066.7	1735.3	1439.8	1159.8	904.2	683.2	489.4
-35°	3362.9	2957.6	2607.8	2284.0	1967.0	1661.7	1381.5	1153.0	907.6	686.4	494.8
-37.5°	3179.7	2807.2	2462.7	2159.3	1863.7	1581.6	1330.7	1115.3	905.0	684.0	496.3
-40°	3000.8	2649.9	2328.0	2043.1	1765.9	1495.3	1274.2	1075.9	896.6	676.0	493.9
-42.5°	2807.8	2489.1	2194.7	1923.8	1665.2	1426.6	1213.7	1030.9	860.2	667.0	487.6
-45°	2618.1	2322.6	2054.8	1804.3	1562.7	1352.8	1157.5	980.8	816.8	655.0	478.2
-47.5°	2420.1	2158.2	1911.4	1676.7	1474.6	1275.8	1095.1	927.6	769.7	637.6	465.6
-50°	2229.4	1990.1	1764.5	1559.2	1374.3	1199.3	1027.8	870.0	726.1	599.8	448.9
-52.5°	2040.4	1822.9	1622.4	1439.2	1274.5	1116.2	958.6	809.0	678.6	559.8	428.1
-55°	1851.4	1659.2	1480.6	1320.9	1171.2	1030.3	884.8	750.0	627.3	517.7	403.7
-57.5°	1669.4	1494.3	1344.8	1202.4	1066.5	938.3	810.2	686.6	575.1	473.1	377.8
-60°	1488.2	1345.7	1210.2	1081.6	958.8	844.8	733.1	621.1	520.9	427.3	343.3
-62.5°	1322.1	1194.7	1072.7	957.2	852.0	751.6	653.0	556.1	464.1	384.0	305.5
-65°	1156.2	1043.4	931.6	839.0	747.0	659.4	575.8	488.3	412.1	339.4	268.7
-67.5°	991.8	903.3	807.3	721.9	650.1	576.4	497.2	427.2	360.5	293.7	236.7
-70°	863.9	777.0	695.4	628.1	563.1	495.5	432.1	368.6	307.9	256.8	204.0
-72.5°	754.9	683.6	607.2	539.0	487.1	430.5	369.3	311.9	266.7	219.7	170.8
-75°	666.8	595.0	528.3	471.6	420.5	365.3	311.9	267.0	225.3	182.0	141.2
-77.5°	560.5	503.7	451.8	395.6	343.2	296.7	256.6	221.7	182.5	145.1	112.0
-80°	430.2	381.1	335.3	293.5	257.2	225.6	197.0	168.1	136.0	107.3	82.1
-82.5°	273.9	246.7	222.1	198.7	176.4	154.4	132.6	110.9	88.6	68.7	56.7
-85°	154.2	139.7	126.0	113.0	97.7	82.6	73.4	64.7	56.4	48.6	41.4
-87.5°	67.9	64.7	61.4	57.9	52.7	47.6	42.8	38.2	33.8	29.7	25.9
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.9	9.5	9.1	8.7	8.3	7.5	6.6
87.5°	10.0	9.2	8.5	7.8	7.3	6.9	6.6
85°	13.5	11.8	10.3	9.1	8.0	7.2	6.6
82.5°	16.9	14.4	12.2	10.3	8.8	7.5	6.6
80°	20.0	16.9	14.0	11.5	9.5	7.8	6.6
77.5°	21.5	18.8	15.8	12.7	10.2	8.0	6.6
75°	23.0	19.6	17.3	13.9	10.8	8.3	6.6
72.5°	24.3	20.4	17.6	15.0	11.5	8.6	6.6
70°	25.5	21.0	17.8	15.9	12.1	8.8	6.6
67.5°	26.5	21.6	18.0	15.9	12.8	9.1	6.6
65°	27.5	22.3	18.1	15.8	13.3	9.3	6.6
62.5°	28.5	23.2	18.2	15.6	13.9	9.6	6.6
60°	29.4	24.1	18.1	15.5	14.5	9.8	6.6
57.5°	30.5	25.0	18.9	15.3	14.3	10.0	6.6
55°	31.6	25.8	19.6	15.0	14.2	10.2	6.6
52.5°	32.8	26.7	20.3	14.7	14.1	10.4	6.6
50°	34.1	27.8	21.0	14.4	14.0	10.6	6.6
47.5°	35.4	29.0	21.6	14.2	13.9	10.8	6.6
45°	36.8	30.1	22.3	14.7	13.9	11.0	6.6
42.5°	38.1	31.2	22.9	15.1	13.8	11.1	6.6
40°	39.5	32.4	23.6	15.8	13.8	11.2	6.6
37.5°	40.9	33.5	24.4	16.7	13.8	11.4	6.6
35°	42.2	34.6	25.3	17.6	13.8	11.5	6.6
32.5°	43.4	35.6	26.1	18.4	13.8	11.6	6.6
30°	44.6	36.6	26.9	19.3	13.9	11.6	6.6
27.5°	45.7	37.5	28.5	20.2	13.9	11.7	6.6
25°	46.9	38.4	30.3	21.1	14.0	11.8	6.6
22.5°	48.1	39.9	32.1	22.0	14.1	11.8	6.6
20°	49.2	43.0	33.9	22.8	14.2	11.8	6.6
17.5°	53.5	46.3	35.7	23.6	14.2	11.8	6.6
15°	59.9	49.7	37.4	24.4	14.3	11.8	6.6
12.5°	66.7	53.1	39.1	25.2	14.4	11.8	6.6
10°	73.6	56.6	40.8	25.9	14.5	11.8	6.6
7.5°	80.6	60.0	42.3	26.6	14.6	11.8	6.6
5°	87.6	63.3	43.8	27.2	14.7	11.7	6.6
2.5°	94.5	66.6	45.2	27.7	14.8	11.7	6.6
0°	101.1	69.6	46.4	28.2	14.9	11.6	6.6
-2.5°	127.5	84.7	54.2	31.6	16.1	11.8	6.6
-5°	153.2	99.4	61.8	35.0	17.2	12.1	6.6
-7.5°	177.8	113.5	69.0	38.2	18.3	12.3	6.6
-10°	201.0	126.8	75.9	41.2	19.3	12.5	6.6
-12.5°	222.6	139.2	82.3	43.9	20.3	12.7	6.6
-15°	242.1	150.4	88.0	46.5	21.3	12.9	6.6
-17.5°	259.3	160.4	93.2	48.7	22.2	13.0	6.6
-20°	275.5	169.0	97.6	50.6	23.0	13.2	6.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	291.8	176.0	101.2	52.2	23.7	13.3	6.6
-25°	305.7	185.0	104.0	53.4	24.3	13.4	6.6
-27.5°	317.0	193.7	105.9	54.3	24.9	13.5	6.6
-30°	325.7	200.5	107.2	54.7	25.3	13.5	6.6
-32.5°	331.6	205.3	110.7	54.7	25.6	13.5	6.6
-35°	336.2	208.0	112.9	54.3	25.8	13.5	6.6
-37.5°	338.5	209.3	113.8	53.4	25.9	13.5	6.6
-40°	337.6	209.7	113.3	52.0	25.9	13.4	6.6
-42.5°	333.7	208.0	112.5	50.8	25.8	13.3	6.6
-45°	326.6	204.1	111.5	49.9	25.5	13.2	6.6
-47.5°	316.4	198.1	109.2	48.4	25.2	13.1	6.6
-50°	305.2	189.9	105.8	47.9	24.7	12.9	6.6
-52.5°	291.4	179.7	101.3	47.4	24.1	12.7	6.6
-55°	274.6	170.6	95.7	46.5	23.4	12.5	6.6
-57.5°	255.1	160.4	88.9	45.0	22.6	12.2	6.6
-60°	233.4	148.5	81.3	43.1	21.6	12.0	6.6
-62.5°	214.3	135.0	76.4	40.7	20.8	11.7	6.6
-65°	193.1	120.2	70.6	37.9	19.9	11.4	6.6
-67.5°	169.9	106.6	64.2	34.7	19.0	11.0	6.6
-70°	144.9	94.7	57.0	31.1	18.0	10.7	6.6
-72.5°	124.7	81.8	49.3	28.5	16.9	10.3	6.6
-75°	104.1	68.1	41.0	26.0	15.8	10.0	6.6
-77.5°	82.5	53.6	35.5	23.3	14.6	9.6	6.6
-80°	60.0	43.2	30.5	20.5	13.4	9.2	6.6
-82.5°	46.8	35.0	25.3	17.7	12.1	8.7	6.6
-85°	34.7	26.6	20.0	14.7	10.9	8.3	6.6
-87.5°	22.3	18.1	14.6	11.7	9.6	7.9	6.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6

(END OF REPORT)